
Fedora 12

릴리즈 노트 드

페도라12 릴리즈 노트



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초록

이 문서는 페도라 12 릴리즈 노트의 세부적 설명입니다.

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1. 페도라 12 에 오신 것을 환영합니다

1.1. 페도라 12 개요

페도라는 최신 자유 오픈 소스 소프트웨어를 지속적으로 개발 (http://www.fedoraproject.org/wiki/Red_Hat_contributions) 및 통합합니다 (<http://www.fedoraproject.org/wiki/Features>). 다음 섹션은 최신 페도라 릴리즈의 주요 변경 사항에 대해 간략하게 설명합니다. 페도라 12에 포함된 기타 다른 기능에 대한 자세한 내용은 해당 응용들의 목적과 진행 사항이 나타나 있는 개별 wiki 페이지에서 참조하시기 바랍니다:

<http://www.fedoraproject.org/wiki/Releases/12/FeatureList>

릴리즈 주기를 통해 주요 특징기능들의 개발 배경에 대해 설명하는 개발자와의 인터뷰를 제공하고 있습니다.

<http://www.fedoraproject.org/wiki/Interviews>

다음은 Fedora 12의 주요 기능입니다:

개선된 웹캠 지원 지원

좋아진 비디오 코

오디오 개선

좋아진 전원 관리

이번 릴리즈에 포함된 기타 다른 기능은 다음과 같습니다:

자동 버그 리포팅 툴

온디멘드 블루투스

많은 가상화 개선들

추가적인 보안 개선점들

페도라 12기능은 기능 목록 페이지에서 확인하실 수 있습니다:

<http://www.fedoraproject.org/wiki/Releases/12/FeatureList>

이 특징들을 내용에 집어 넣는 것에 대한 토론을 아래에서 찾을 수 있습니다.:

http://www.fedoraproject.org/wiki/Fedora_12_Talking_Points

1.2. 하드웨어 요구사항



최소 사양이 항상 실행사양에 충분한 것은 아닙니다.

아래 열거된 최소 메모리 사양이 모든 경우에 충분한 것은 아닙니다. 특히 가상머신에서 설치하는 권장사항에 가까운 메모리를 필요로 합니다.

1.2.1. PPC 아키텍처에서의 프로세서와 메모리 요구사항

최소 CPU 사양 : PowerPC G3 / POWER3

Fedora 12는 1999년경 이후에 출시된 신 세대 애플 파워 매킨토시를 지원합니다. 비록 이전 세대 시스템에서 작동은 해도 페도라 배포판에 포함되어 있지 않는 특정 부트로더를 필요로 합니다. 페도라는 POWER5 및 POWER6 시스템에 설치되어 테스트되었습니다.

페도라 12는 pSeries 와 셀 브로드밴드 엔진 시스템을 지원합니다.

또한 페도라 12 는 소니 플레이스테이션 3, 제네시스 페가소스 II, Efika도 지원합니다.

페도라 12에는 P.A. Semiconductor사의 'Electra' 시스템을 위한 새 하드웨어 지원이 포함되어 있습니다.

페도라 12에는 테라소프트 솔루션사의 파워스테이션 워크스테이션 지원이 포함되어 있습니다.

텍스트 모드 용 권장 사양: 233 MHz G3 이상, 128MiB 램.

그래픽 용 권장 사양: 400 MHz G3 이상, 256MiB 램.

1.2.2. x86 아키텍처 프로세서 와 메모리 요구 사항

다음의 CPU 사양은 Intel 프로세서 약관에 명시되어 있습니다. 다음의 Intel 프로세서와 호환 및 상응하는 AMD, Cyrix, VIA에서 나온 프로세서도 페도라를 사용할 수 있습니다. 페도라 12은 인텔 펜티엄 프로 프로세서나 이후 버전을 필요로 하며 i686과 그 이후 버전의 프로세서에 최적화되어 있습니다.

텍스트-모드 용 권장 사양: 200 MHz 펜티엄 프로 급 이상

그래픽 용 권장 사양: 400 MHz 펜티엄 프로 이상

텍스트 모드 용 최소 램: 128MiB

그래픽 용 최소 램: 192MiB

그래픽 용 권장 램: 256MiB

1.2.3. x86_64 아키텍처 프로세서 와 메모리 요구 사항

텍스트 모드 용 최소 램: 256MiB

그래픽 용 최소 램: 384MiB

그래픽 용 권장 램: 512MiB

1.2.4. 모든 아키텍처에서 하드 디스크 공간 요구조건

전체 패키지는 9 GB 이상의 디스크 공간을 차지할 수 있습니다. 최종 설치 크기는 설치 스펀(spun) 및 설치 과정에서 선택한 패키지에 의해 결정됩니다. 원활한 설치 환경을 위해 설치 중 추가 디스크 공간이 필요합니다. 필요로 하는 추가 디스크 공간은 /Fedora/base/stage2.img (설치 디스크 1 상의)크기에 설치 시스템 상의 /var/lib/rpm에 있는 파일 크기를 더한 것에 해당합니다.

실질적으로 추가 공간 요건은 최소 설치를 위해 작게는 90 MiB에서 최대 설치를 위해 많게는 추가로 175 MiB 까지로 될 수 있습니다.

사용자 데이터를 저장하기 위한 추가 공간이 필요하며 적절한 시스템 운영을 위해 최소 5% 여유 공간이 유지되어야 합니다.

1.3. Fedora에 오신것을 환영합니다

페도라는 최신 버전의 자유 및 오픈 소스 소프트웨어를 지원하는 리눅스 기반 운영 체제입니다. 페도라는 사용, 수정, 배포가 자유로우며 페도라 프로젝트라는 커뮤니티로 활동하는 세계 전역의 사람들에 의해 개발됩니다. 페도라 프로젝트는 오픈되어 있으며 누구나 가입할 수 있습니다. 페도라 프로젝트는 오픈 소프트웨어 및 콘텐츠의 개발을 선도하는 프로젝트로 여러분 앞에 있습니다.



참고

페도라 최신 버전의 릴리즈 노트를 보기를 원한다면, 특히 업그레이드의 경우 다음 사이트를 방문하십시오: <http://docs.fedoraproject.org/release-notes/> 바로 이전 버전보다 오래된 버전에서 마이그레이션하기를 원한다면 추가적인 정보를 위하여 구버전의 릴리즈 노트들도 참조하십시오.

페도라 개선을 위해 버그 리포트 제출하시거나 개선 요청을 하여 페도라 프로젝트 커뮤니티를 도와 주실 수 있습니다. 버그 리포트를 제출하는 방법에 대한 자세한 내용은 http://fedoraproject.org/wiki/Bugs_and_feature_requests 에서 참조하시기 바랍니다. 참여해 주셔서 감사합니다.

페도라에 관한 일반적인 내용을 알고 싶으실 경우 다음의 웹 페이지에서 참조하시기 바랍니다:

페도라 개요 (<http://fedoraproject.org/wiki/Overview>)

페도라 FAQ (<http://fedoraproject.org/wiki/FAQ>)

도움말 및 의견 (<http://fedoraproject.org/wiki/Communicate>)

페도라 프로젝트 참여 (<http://fedoraproject.org/wiki/Join>)

1.4. 일반적인 버그

대부분의 복잡한 소프트웨어는 버그가 있을 수 있습니다. 자유 오픈 소프트웨어의 특징 중 하나는 버그를 리포트할 수 있는 것으로, 사용하는 소프트웨어의 수정 또는 개선을 도와줍니다.

일반 버그 목록은 페도라 프로젝트의 각 릴리스마다 관리됩니다: 이 버그 목록은 소프트웨어의 버그로 인해 문제가 발생하는 경우 이를 해결할 수 있는 적절한 출발점이 됩니다.

https://fedoraproject.org/wiki/Common_F12_bugs

1.5. 피드백

Fedora 커뮤니티에 의견 및 제안, 버그 보고를 제출하기 위해 시간을 할애해 주셔서 감사합니다; 이는 전세계 Fedora, Linux, 자유 소프트웨어 향상에 도움이 될 것입니다. 이 버전의 일반적으로 보고되는 버그와 알려진 이슈에 대해서는 http://fedoraproject.org/wiki/Common_F12_bugs를 참조하세요.

1.5.1. 피드백을 보내주시기 바랍니다!

문서 내용 개선을 위한 제안이 있거나 오차를 발견했을 경우 언제든지 알려 주시기 바랍니다. Fedora에 대한 리포트를 버그질라(Bugzilla)로 제출해 주시면 됩니다: <http://bugzilla.redhat.com/bugzilla/>

버그 리포트를 제출하실 때, 메뉴얼의 분류 번호를 알려주시기 바랍니다: **Release_Notes**

문서 내용 개선을 위한 제안이 있으실 경우, 최대한 명확히 설명해 주시기 바랍니다. 오류를 발견 하셨다면 저희가 쉽게 식별할 수 있도록 섹션 번호와 주위의 문장들을 함께 보내주시기 바랍니다.

1.5.2. 피드백을 남기기 위한 다른 방법들

http://fedoraproject.org/wiki/Bugs_and_feature_requests에서 버그질라 처리과정에 대하여 보다 상세히 알아볼 수 있습니다. 그렇지만 버그질라를 통해 피드백을 남기는 것을 불편하게 생각한다면 다음과 같이 하십시오.:

페도라 계정이 있으실 경우, http://fedoraproject.org/wiki/Documentation_Beats.에서 내용을 직접 편집합니다.

이메일 relnotes@fedoraproject.org¹.

2. 설치 노트



참고

페도라 설치에 대하여 알기를 원한다면 <http://docs.fedoraproject.org/installation-quick-start-guide/> 사이트에서 *Fedora Installation Quick Start Guide* 문서를 참조하거나, <http://docs.fedoraproject.org/install-guide/>. 사이트에서 *Fedora Installation Guide* 문서를 참조하십시오. 이 릴리즈 노트에서 다루어지지 않은 설치 도중 문제 및 의문 사항이 있으실 경우 <http://www.fedoraproject.org/wiki/FAQ>³ and <http://www.fedoraproject.org/wiki/Bugs/Common>⁴ 를 참조하시기 바랍니다.

아나콘다는 페도라 설치 프로그램의 이름입니다. 다음 부분에서는 아나콘다 와 페도라 12 설치에 대한 개요를 다루고 있습니다.

2.1. Ext4 부트 파티션

비록 ext4가 페도라 11의 기본적인 파일시스템이지만 페도라 11에 포함된 그룹(GRUB) 부트로더는 ext4 파티션을 읽지 못했습니다. 페도라 11은 그러므로 독립적인 ext3 부트 파티션을 필요로 했습니다. 페도라 12에 포함된 그룹(GRUB)은 ext4를 지원합니다. 그래서 아나콘다가 /boot 를 ext4 파티션에 놓는 것을 허용합니다.

3. 아키텍처에 관련된 사항들

이 섹션에서는 페도라에서 지원하는 하드웨어 아키텍처에 관련되는 내용을 다루고 있습니다.

3.1. 32-비트의 베이스가 i686으로 변경되었습니다.

페도라 11에서는 i586이 32-비트 x86 아키텍처 베이스였습니다.

페도라 12 에서는 베이스 아키텍처를 i686으로 합니다. (CMOV 포함) 그리고 아톰(Atom) 프로세서에 대해서도 최적화를 하고 있습니다.

이것은 다음 CPU 패밀리에 대한 지원이 약해지는 것을 의미합니다. :

인텔 i586 (전체)

내셔널 세미컨덕터 지오이드(Geode) 프로세서

VIA C3 (Ezra 와 Samuel 코어들)

AMD 지오이드(Geode) GX

AMD 지오이드 LX (OLPC XO 랩탑에 사용된) 와 후의 지오이드 NX 프로세서들은 여전히 지원이 가능하며. 흥미있는 분들이 이차 아키텍처로 구 프로세서를 설정하는 것을 환영합니다.

장점들:

주류 아키텍처들(펜티엄 M, Via C7, 모든 64-비트 아키텍처들, 아톰)에 대한 빠른 바이너리들

현실적으로 우리는 더 이상 i586을 실질적인 문제로 인하여 지원할수 없습니다.

적은 커널 빌드 횟수

4. 데스크톱 사용자를 위한 변경 사항

4.1. 페도라 데스크톱

4.1.1. 데스크톱 확장(spanning)

이 릴리즈에 포함된 최신버전의 "Xorg"로 사용자가 듀얼모니터 설정을 한다면 데스크탑 화면영역이 두모니터로 복사되는 것이 아니라 화면 영역이 확장되게 됩니다 이러한 추세는 다른 운영체제와도 부합됩니다.

4.1.2. 더 나은 웹캠 지원

페도라 10에서의 더 나은 웹캠 지원 특징은 리눅스에서 웹캠 지원을 상당히 개선시켰습니다. 사용자 공간에서 상용비디오 포맷을 해제할수 있는 라이브러리(libv4l)가 포함되었고 웹캠을 사용하는 거의 모든 응용프로그램들이 이 라이브러리를 사용하도록 교정되었습니다.

페도라 12 는 세부분으로 구성되는 더욱 개선된 웹캠을 지원합니다.:

많은 시험과 버그 교정 및 현존하는 커널드라이브 개선등

아래와 같은 기능의 하드웨어가 부족한 캠의 비디오화질 개선을 위하여 libv4l 를 사용한 비디오 처리 추가

화이트บาล런싱(White balancing)

감마교정(Gamma correction)

자동노출조정(이득)

소프트웨어적으로 위아래 변경 및 180도 회전되어 설치된 랩탑 캠의 인식가능

사용되지 않는 낡은 드라이브 제거, 그리고 가능한 libv4l을 사용하도록 유도하여 이것이 주류가 되도록함, 특히 다음과 같은 경우에 :

qc-usb: stv0600 (그리고 호환제품)에 기반한 캠들, 주로 로지텍 퀵캠 익스프레스(Logitech QuickCam Express) (커널 2.6.29 이후)

ov51x-jpeg: ov511(+) 과 ov518(+) 드라이브 (커널 2.6.31rc1, libv4l-0.6.0 이후로)

qc-usb-messenger: st6422 기반 캠 패밀리들 주로 로지텍 퀵캠 메신저 모델들(Logitech QuickCam Messenger) (커널 2.6.31rc1 이후로)

sn9c20x: sn9c20x기반 캠들, 많은 새로운 저가 캠들(커널 2.6.31rc2 이후)

4.1.3. ABRT

ABRT 는 자동 버그 리포팅 툴로 페도라 12 데스크탑에서 bug-buddy 와 kerneloops 를 대체합니다. ABRT 는 확장 가능한 아키텍처로 세그먼트 오류와 커널 oops 대한 감지 및 리포트를 할 뿐만 아니라 파이썬(python)역추적까지 가능합니다. 반면에 bug-buddy는 GTK+ 응용이 아닌 바이너리의 세그먼트 오류만 감지할 수 있습니다.

만약 전에 bug-buddy GTK+ 모듈을 위하여 GConf를 수동으로 설정하였다면, GTK+ 응용으로부터 다음과 같은 경고 메시지를 보실 것입니다.:

```
Gtk-Message: Failed to load module "gnomebreakpad":
libgnomebreakpad.so: cannot open shared object file: No such file or directory
```

이 메시지를 나오지 않게 하려면 세션내의 터미널 창에서 다음 명령을 실행하십시오.:

```
gconftool-2 --type bool --set /apps/gnome_settings_daemon/gtk-modules/gnomebreakpad false
```

4.1.4. 그놈(GNOME) 2.28

GNOME 2.28.1 데스크탑은 이 릴리즈의 일부분이 되었습니다. 그리고 페도라 데스크탑 라이브 이미지의 기본환경으로 사용됩니다. 페도라 데스크탑 라이브 이미지는 다운로드 가능한 CD로 새로운 그놈 환경을 설치 또는 설치 하지 않고 테스트할 수 있습니다. 이 이미지는 CD 또는 USB 플래쉬디스크에 쓰여질 수 있습니다. 자세한 사항은 다음을 참조하십시오.: <https://fedoraproject.org/wiki/FedoraLiveCD/USBHowTo>.

4.1.4.1. 메뉴와 버튼에 있는 아이콘들

메뉴와 버튼들에 있던 아이콘들은 GNOME 2.28에서는 기본적으로 보이지 않습니다. 이전 버전과 같이 아이콘이 보이게 하려면, 시스템(System) → 기본설정(Preferences) → 모양새(Appearance)를 선택하여, 모양새(Interface) 탭을 눌러 메뉴에서 아이콘보기(Show icons in menus). 체크하여 활성화 할 수 있습니다. 버튼에서 아이콘을 활성화 할 수 있는 메뉴는 없습니다. 메뉴와 버튼에서 아이콘 사용을 활성화하려면 해당되는 GConf 키값을 설정하면 됩니다.:

```
gconftool-2 --type boolean --set /desktop/gnome/interface/buttons_have_icons true
gconftool-2 --type boolean --set /desktop/gnome/interface/menus_have_icons true
```

4.1.4.2. 그놈 2.28의 추가적인 개선 사항들

이전 페도라 릴리즈와 비교하여 그놈 데스크탑의 기본 구성에 몇가지의 변경이 있습니다.

창 기본설정('Windows' preference) 대화상자가 더이상 기본적으로 설치되지 않습니다. 그러나 제어센터 익스트라 패키지에서 사용 가능합니다.

주 메뉴 기본설정('Main Menu' preference) 대화상자가 더이상 기본적으로 설치되지 않습니다. 그러나 알라카타(alacarte) 패키지에서 이용 가능합니다.

사용자 전환기(user switcher)가 탑 패널의 오른쪽 구석으로 이동하였습니다.

데스크탑 보기 버튼이 제거되었습니다. 이 버튼을 추가하기를 원한다면 패널 애플릿에서 오른쪽 버튼을 클릭하여 "패널에 추가" 그리고 '데스크탑보기'를 선택하시면 됩니다.

작업공간 전환기(Workspace Switcher) 작업공간의 개수가 2로 줄었습니다.

패널은 이제 애플릿과 아이콘 사이에 적당한 여유공간(padding)을 집어넣습니다. 이 여유공간을 제거하려면 다음 명령을 사용하십시오.:

```
gconftool-2 --type int --set /apps/panel/toplevels/top_panel/padding 0
gconftool-2 --type int --set /apps/panel/toplevels/bottom_panel/padding 0
gconftool-2 --type int --set /apps/panel/applets/systray/prefs/padding 0
```

4.1.4.3. G노트(Gnote)

이 릴리즈의 그놈에서는 G노트(Gnote)가 톰보이(Tomboy)를 대체하였습니다. G노트는 모노(Mono) 버전의 톰보이를 C++ 로 전환한것으로 리소스사용량도 줄였습니다. G노트는 그놈 패널상의 애플릿으로 또 다른 데스크탑환경에서 실행되는 개별 응용프로그램이 될수 있습니다. 페도라 10부터 페도라 데스크탑 라이브 CD에서는 모노가 제외되어 톰보이와 같은 모노를 기반으로한 응용들의 공간이 줄어들 것입니다. . G노트가 기본적으로 라이브 CD에 설치될 뿐만 아니라 이 릴리즈에도 기본적으로 설치됩니다. 톰보이는 원하면 선택사항으로 이용가능합니다. 이전 버전에서 업그레이드를 하였다면 톰보이가 지동적으로 G노트로 마이그레이션이 안되기 때문에 톰보이를 계속 사용할수 있습니다. 톰보이 사용자는 쉽게 G노트로 마이그레이션할수 있는데 톰보이의 파일포맷과 플러그인을 G노트가 공유하므로 첫번째 실행시 톰보이 노트를 자동으로 가져옵니다. 많은 톰보이 플러그인이 G노트로 포팅되었습니다. 아래의 플러그인들이 G노트의 일부분으로 이용가능합니다.:

Bugzilla Links

톰보이 인포터(Tomboy Importer)

고정넓이(Fixed Width)

타임스탬프 삽입

HTML로 내보내기

인쇄 지원

점착성 노트인포터(Sticky Notes Importer)

Backlinks

사용자의 홈디렉토리에서 다음 명령을 사용하여 톰보이노트들을 G노트로 복사할수 있습니다.:

```
cp -r .tomboy .gnote
```

점착성 노트(sticky notes) 애플릿은 더이상 지원하지 않습니다. G노트 가 더 좋은 노트 테이킹 유틸리티를 제공하고 이릴리즈에서 기본적으로 설치되기 때문입니다.

4.1.4.4. 사운드 기본설정

그놈 사운드 기본설정은 프로파일전환을 허용합니다.

4.1.4.5. Empathy

그놈의 기본적인 인스턴스 메신저로Empathy가 Pidgin 을 대체하였습니다. Empathy 는 그놈과의 융화가 잘되고 사용자에게 오디오와 비디오 기능을 제공하기 위하여 확장된 메시징과 프레젠턄 프로토콜 (XMPP, 이전에는 Jabber)을 지원하며 추가적인 개선계획도 가지고 있습니다. Empathy는 첫 실행시 Pidgin으로 부터 계정을 가져올수 있도록 지원하여 쉽게 마이그레이션 할수 있습니다. 만약

이전 버전에서 페도라를 업그레이드 하였다면 계속 Pidgin이 기본적으로 사용됩니다. Pidgin도 리포지터리에서 계속 이용가능하고 유지관리도 되고 있습니다.

Empathy의 주요 장단점은 다음과 같습니다.:

장점

그놈과 융화가 쉬우며 암호가 키어링되어 저장됨, Pidgin은 평문으로 저장됨

GoogleTalk와 음성채팅가능. 음성 채팅은 추가로 gstreamer 코덱들, 수동으로 방화벽 재설정이 요구되며, Pidgin 동일한 프레임워크를 사용할 수 있음.

Pidgin으로부터 Empathy로계정마이그레이션을 지원하기위한 기능이 추가됨.

Abiword등 다른 프로그램들과 협업(collaboration)지원

지정학적위치(최근에 추가된 특징)

단점

플러그인 시스템이 빠져있어 Pidgin에서 사용가능한 많은 애드온 (예를 들어 암호화등) 을 Empathy에서 이용할수 없음

프록시 지원 없음

4.1.4.6. Totem

Totem 은 이제 gstreamer의 백엔드로만 지원됩니다. totem-xine 백엔드는 완전히 삭제되었습니다.

4.1.4.7. Epiphany

이번 릴리즈에서Epiphany는 Firefox.온, Gecko엔진대신, WebKit엔진을 사용합니다.

4.1.4.8. 그놈 셸 그놈 3 프리뷰

초기 버전의 그놈 셸이 리포지터리에서 이용가능합니다. 그놈 셸은 그놈 3에서 중요한 부분으로 페도라 개발자와 인터랙션 디자이너가 비중있게 참여하여 활발이 개발되고 있습니다.간단하게 그놈셸을 시험하려면 `gnome-shell`(*desktop-effects*) 패키지를 설치하십시오:

```
yum install desktop-effects gnome-shell
```

그리고 시스템(System) → 모양새(Preferences) → 데스크탑 효과(Desktop Effects)를 클릭하세요.

수동적으로 설정하고자 한다면 다음을 실행하십시오.

```
mkdir ~/.config/autostart
ln -s /usr/share/applications/gnome-shell.desktop ~/.config/autostart
```

직접 실행하기위하여 다음 명령을 사용할수 있습니다.

```
gnome-shell --replace &
```

4.1.5. KDE 4.3

KDE 4.3 도 이번 릴리즈의 한 부분이며, 페도라 KDE 데스크탑 라이브 이미지의 기본 환경입니다. KDE 데스크탑 라이브 이미지는 다운로드 가능한 CD로 새로운 KDE 환경을 설치 또는 무설치로 경험할 수 있습니다. 이 이미지를 CD 나 USB 플래쉬 드라이브에 쓸 수 있습니다.

KDE 4.3 많은 개선과 새로운 특징을 추가한 KDE 4의 최신 릴리즈입니다. Plasma 는 새로운 *Air* 외양으로 단장하고, 잠과 공지 관리개선 및 단축키의 재구성이 가능해졌습니다. 새로운 Plasma 위젯(Widgets)추가와 기존의 것들은 개선되었습니다. KWin 성능이 최적화되어 새로운 데스크탑 효과를 KDE에 가져 왔습니다. KDE는 이제 새로운 버그리포팅 툴을 포함하여 KDE 개발자들에게 버그를 리포팅하는 것이 쉬워졌습니다.

4.1.6. 모블린 데스크톱

모블린 아키텍처는 다중 플랫폼을 지원하도록 설계되었고 사용모델의 범위는 넷탑이나 넷북으로부터 모바일 인터넷디바이스(MID)와 다양한 임베디드모델들 예들 들면 차량인포테인먼트 시스템 같이 다양하다.

넷북/넷탑/MID 장치들을 위한 모블린 2 데스크탑 환경의 프리뷰는 페도라에서 시험해볼 수 있습니다.

모블린 데스크탑은 yum을 사용하여 하나의 그룹으로 설치할 수 있습니다.

```
sudo yum install @moblin-desktop
```

4.2. 네트워킹

4.2.1. 네트워크매니저(NetworkManager)폭 넓은 시스템 연결과 광대역 모바일 지원 강화.

네트워크매니저(NetworkManager) 는 이제 /etc/sysconfig내에 있는 폭 넓은 체계적인 네트워크연결을 생성하거나 편집할 수 있습니다. 네트워크매니저는 체계적인 네트워크 연결 정보들을 위하여 /etc/sysconfig로 부터 잠시 읽어 오는 것이 가능했습니다. 이제는 시스템연결을 위한 완전한 읽기-쓰기가 가능해졌습니다. 새로운 시스템 연결을 생성하거나 변경하는것은 PolicyKit 정책에 의하여 제어될 것입니다. 초기에는 단지 유선이나 무선연결만 지원될 것 입니다. 나중에는 vpn 연결이 지원될 것입니다. 보안을 필요로 하는 연결을 위하여 이것들은 /etc/sysconfig내의 .keys 파일에 저장될 것입니다.

미리 구성된 모바일 광대역 제공자의 데이터베이스 제공, 더 많은 하드웨어 지원, 그리고 GSM 네트워크에 대한 스캐닝허용 등에 의해, 네트워크매니저는 모바일 광대역을 더욱 쉽게 사용할 수 있습니다. 여러분의 광대역망 제공자는 자동적으로 네트워크매니저가 인식하고 마치 USB 장치를 플러그인 한것 처럼 쉽게 처리되어 몇분안에 온라인상태가 될것입니다.

4.2.2. 네트워크매니저의 개선된 IPv6 지원

ifcfg 파일을 직접 사용하는 비 GUI사용자를 위하여, 네트워크매니저 는 부트시간에 올바른 IPv6 연결 인터페이스를 가져옵니다. ifcfg 파일의 변경이 필요하지 않습니다.

GUI 사용자들을 위해 기존의 IPv4 탭 설정과 유사한 컨트롤을 가진 새로운 IPv6 탭이 연결 편집기에 추가되어 보여줍니다. 구성 설정방법을 선택한후 (기본으로 설정된 자동은 시스템이 라우터상에 공고를 통해 DHCPv6 정보 고유모드로 DNS 정보를 자발적으로 가져옵니다.) 그리고 사용하기를 원하는 추가정보를 설정한 다음 그 연결을 저장하고, 그 연결을 활성화하기위하여 사용자에 의해 요청받은 IPv6로 인터페이스 카드를 구성 설정합니다.

4.2.3. 네트워크 인터페이스 관리

네트워크 인터페이스를 시스템상에 약간 복잡하지만 보편적인 시나리오로 설정하는 것은 일반적으로 고급사용자 수준으로 현재의 툴들의 지원은 매우 일반 사용자가 사용하기는 매우 부족합니다. 이러한 시나리오에는 브리지를 생성하고 그 것을 물리적인 하나의 NIC에 할당하는 것 또는 두개의 NIC에 할당하는 것, 그리고 VLAN 인터페이스를 그 브리지에 종속시는 것등이 있습니다.

복잡한 브릿지 설정은 일반적으로 가상 호스트가 필요하며, 종종 사용자보다는 고수준 관리툴로 원격 관리됩니다.

이러한 특성들은 일반적인 목적의 네트워크 구성 라이브러리 (netcf) 와 libvirt의 원격패실리티를 통한 netcf의 로컬 API 노출을 위한 libvirt API 의 추가 제공 필요성을 알려줍니다..

netcf에서, 논리적 네트워크인터페이스(예를 들어 브릿지와 그그것의 슬레이브들)은 하나의 유닛으로 묘사되며, netcf는 그 묘사를 적절한 ifcfg-* 파일들로 번역합니다. To guarantee the happy coexistence of netcf와 vi를 포함하는 다른 네트워크 설정 유틸리티들과의 만족스런 공존을 위하여 netcf는 양방향성을 가집니다.:즉 ifcfg-* 파일들을 netcf 인터페이스 묘사를 기초로 해서 변경하지만 반대로 그러한 묘사를 생성하기 위하여 ifcfg-* 파일들을 읽어들입니다. 그러므로 netcf를 다른 네트워크 설정 방법들과 사이드바이사이드로 사용가능합니다. 이러한 것들을 하기위한 많은 초기 시도의 취약점, 예를 들면 Xen 네트워킹 스크립터 들이 회피되었습니다.

앞으로의 페도라 릴리즈에서 시스템 전역적인 네트워크 설정의 백엔드로 네트워크매니저를 netcf 교체할 계획이며, 이 특징의 일부는 아니지만, 이로 인하여 네트워크 구성 설정에 대한 사용자의 경험이 일원화될 것입니다. 비슷하게 앞으로 릴리즈될 virt-manager속에 네트워크 구성설정 기능 접근이 가능하도록 계획되어 있습니다.

4.2.4. 온디맨드 블루투스 서비스

블루투스 장치들을 지원하기위하여 블루투스 백그라운드 서비스가 이전 버전의 페도라에서 기본으로 실행되었습니다. 이 릴리즈에서는 블루투스 서비스가 온디맨드 방식으로, 필요할때 시작되어 최종 장치가 사용된 시간이 30초가 넘으면 자동으로 중지하게 되었습니다. 이것으로 페도라 시작 시간과 리소스를 절약할 수 있습니다.

4.3. 다국적 언어 지원

이 섹션은 페도라에서 지원하는 언어들에 대한 정보를 포함하고 있습니다.

4.3.1. iBus

iBus 아래와 같은 기능개선을 위한 개발 작업이 진행되고 있습니다.:

Qt4 (*ibus-qt*)를 위한 네이티브 입력모듈.

입력모듈 개발자를 위한 키 레이아웃 지원. US-QWERTY.만을 위하여 설계된 입력모듈을 비US-QWERTY. 사용자도 사용할수 있게함

4.3.2. 중국어

더 많은 중국어 테이블이 scim-테이블로부터 ibus-테이블로 포팅되었습니다.

4.3.3. Indic

Lohit 폰트가 지원되는 모든 스크립트를 위하여 서브패키지로 분리되었습니다. Lohit 폰트가 이제 유니코드 5.1과도 호환성을 가집니다.

4.3.4. 일본어

JIS2004를 커버하는 양질의 폰트를 제공하기 위하여 IPA 폰트가 추가되었습니다. JIS2004의 장점을 페도라에서 보기 위하여 *ipa-gothic-fonts*, *ipa-pgothic-fonts*, *ipa-mincho-fonts* 와 *ipa-pmincho-fonts* 패키지를 설치할 것을 권장합니다.

4.4. 멀티미디어

Thusnelda

자유로운 문화와 공개 웹을 지원하고, 지적재산권과 특허가 수반된 코덱 사용을 줄이고자, Red Hat사는 공개 Ogg Theora 비디오 코덱 성능 향상을 지원하고 있습니다. 이 포맷의 창시자인 Christopher Montgomery (xiphmont)의 작업에 의하여 성능이 비약적으로 향상된 이 코덱의 실행 코드명은 Thusnelda입니다.. This release features this next generation codec, compared to libtheora 1.0과 비교하여 이 차세대 코덱의 현재 릴리즈버전의 특징은 새로운 인코더가 낮은 비트레이트에서 꽤 질 높은 인코딩을 또는 동일한 비트레이트에서 더 양질의 인코딩을 제공한다는 것입니다. libtheora 라이브러리를 사용하는 모든 응용들 특히 모든 GStreamer 응용들은 자동적으로 투명하게 이 개선된 이득을 가지게 될 것입니다.

펄서(Pulse) 오디오 개선점

페도라 개발자들은 펄스오디오 시스템에 대한 몇가지 개선을 하였습니다. 더 자세한 내용은 <http://Opointer.de/blog/projects/oh-nine-sixteen.html>에서 볼 수 있습니다. 다음 것들을 포함하고 있습니다.:

- 새 믹서 로직

- UPnP 미디어서버 지원

- 핫플러그 지원 개선

- 이벤트 사운드의 서라운드 지원

페도라 스튜디오(Fedora Studio)

페도라 스튜디오 는 선택가능한 멀티미디어 메뉴 패키지로 사용자가 자신의 취향에 맞게 분류한 오디오, 비디오응용들을 데스크탑 메뉴에서 가질수 있도록 해줍니다. 이전 버전의 페도라에서는 모든 멀티미디어 응용들이 하나의 큰 그룹에 속해 있었습니다. 이 패키지는 사용자가 오디오, 비디오 응용들을 찾는 것을 쉽게 해줍니다.

5. 시스템 관리자를 위한 변경 사항

5.1. 페도라 12 부트타임

5.1.1. GRUB(ext4 지원)

페도라 9 는 실험적으로 ext4 지원이 포함되어 있었습니다. 페도라 11 은 기본적으로 ext4가 포함되어 있습니다. 그렇지만, GRUB 이 ext4를 지원하지 않아 ext3나 ext2로 포맷된 독립적인 부트 파티션을 요구하였습니다. 그러나 페도라 12 는 ext4를 지원하는 업데이트된 버전의 GRUB 을 포함하고 있습니다. Anaconda (페도라 설치 프로그램) 역시 지원 허용됩니다.

5.1.2. Dracut 새로운 부팅 시스템

페도라 10 까지는 페도라 부팅에 사용되는 부트시스템 (initial ram disk) 또는 *initrd*)가 모노리식하고, 배포방식에 민감하여 융통성이 부족하였습니다. 그러나 이것이 배포방식에 무관하도록 설

계된 이벤트기반 프레임워크를 가진 초기램디스크 인Dracut으로 대체 되었습니다. 이 것은 페도라로부터 유래한 OLPC 프로젝트의 XO 운영체제에도 채택되었습니다. Dracut 을 위한 OLPC 모듈들은 페도라 저장소에서 이용가능합니다. 빠른 피드백과 테스트를 환영합니다.

5.1.3. 빠르고 부드러운 그래픽컬 스타트업

NVIDIA 시스템에서도 `Kernel Mode Setting` (KMS) 이 Nouveau드라이브를 통해 기본적으로 활성화되어 있습니다. 페도라 10 에서도 원래 KMS가 지원되었지만 이것은 몇종류의 ATI 디스플레이 카드만 해당되었습니다. 페도라 11에서는 인텔카드에서도 지원하도록 확장되었고, 이릴리즈 버전에서는 NVIDIA카드에서도 지원하도록 추가 확장되었습니다.

이러한 개선으로 페도라에서 개발된 그래픽컬 부트 시스템인plymouth를 통하여 여러분들은 거의 모든 시스템에서 빠르고 부드러운 그래픽컬 부팅을 볼수 있습니다.

5.2. 보안

이 섹션에서는 페도라의 다양한 보안 항목에 대해 다루고 있습니다.

5.2.1. 프로세스 능력 낮추기(Lower process capabilities)

루트 권한으로 실행되는 데몬들을 리뷰하여 프로세스의 능력을 낮추도록 패치하였습니다. 이 것은 데몬들이 특권을 상승 요구하려는 욕구를 줄입니다. 또 새도우 파일허가권이 000으로 변경되었고 \$PATH에 있는 몇개의 디렉토리들은 555 로 설정되었는데, 이것은 데몬들이 DAC_OVERRIDE 없이 새도우 파일에 접근하거나 \$PATH 디렉토리에 접근하는 것을 방지하기 위해서입니다.

누군가가 시스템을 공격을 하면 상승된 특권을 가질수 없다면 할수 있는 것들이 많지 않을 것입니다. 이것은 특권 상승에 사용하기위한 공격 타겟의 개수를 줄이는 장점이 있습니다. 만약 루트로 실행되는 프로세서들이 모든 능력을 가지지 않는다면 시스템을 파괴하기가 더 힘들어 질 것 입니다.

루트 uid를 가진 프로세스들은 여전히 시스템에 피해를 줄 수 있습니다. 왜냐하면 그들은 /etc/shadow file 을 읽을 수 있을 뿐만 아니라 거의 어떤 파일에도 쓰기가 가능하기 때문입니다. 그렇지만 시스템이 강화되어 루트가 DAC_OVERRIDE 능력을 필요로 하게 한다면 시스템에 피해를 줄 수 있는 프로세스의 개수는 제한되게됩니다. 이것은 루트 관리자 권리에 영향을 주지는 않습니다. 루트 관리자는 DAC_OVERRIDE를 비롯하여 모든 특권을 다 가지기 때문입니다. 그러므로 누군가가 루트 프로세스를 성공적으로 공략을 하더라도 이 공격의 장점을 취하기는 더 어려워집니다.

강화된 시스템은 다음과 같은 허가권을 가집니다. : 555 /bin, 555 /lib, 000 /etc/shadow 등등. 현재 범위는 \$PATH 변수에 있는 디렉토리들을 커버하고, 라이브러리 dirs, /boot, 와 /root를 커버합니다. 이 계약은 어떠한 방식으로도 SELinux에 영향을 미치지않고 상호보완으로작용하는데. 이 능력 DAC 에서 제어하며 접근허용을 위한 첫번째 투표자입니다.

5.2.2. SELinux Sandbox

SE리눅스 샌드박스는 매우 제한된 틀안에서 명령이 실행되도록 합니다. 불행히도 GUI응용들은 특성상 이러한 제한성을 필요로 하는 응용이라도 이러한 능력을 가지도록 하기는 매우 어렵습니다.

새로운 sandbox -X 명령은 많은 GUI응용들이 엄격한 제한을 받을 수 있도록 합니다. 이것을 웹응용에 적용한다면 사용자는, 예를 들어 오픈오피스는 사용자가 실행시킨 경우 정상적으로 실행되지만, 웹상에서 실행시키는 경우는 제한을 받도록, 지정할수 있습니다.

SE리눅스 샌드박스에서 실행하는 경우 GUI응용들은 단지 제한된 디렉토리 구조만 접근할수 있으며, 이 디렉토리는 종료시 삭제되며, 네트워크 접속을 부정하며 독립된 X-서버에서 실행되어 다른 X 응용들이 접근하는 것을 예방합니다.

5.3. 가상화

Fedora 12에서의 가상화에는 KVM, Xen 및 기타 다른 여러 가상 장치 플랫폼을 지속적으로 지원하기 위한 새로운 기능과 주요 변경 사항들이 포함되어 있습니다.

이 릴리즈에서 KVM 과 QEMU 는 몇가지의 새로운 특징을 보유하고 있습니다. KVM 게스트 메모리 사용과 성능이, KSM 과 KVM 거대 페이지 기반 메모리를 추가하므로, 개선되었습니다. qcow2 이미지 포맷의 성능이 크게 개선되었습니다. SR-IOV 와 NIC 핫플러그 지원이 추가되었습니다. 마침내 게스트 PXE부팅을 위해서 기존의 etherboot 대신에 gPXE가 사용됩니다.

libvirt 측면에서, 스토리지 관리와 네트워크 인터페이스 관리를 위한 API들이 추가 되었습니다. libvirt 는 이제 QEMU 프로세스를 비특권 모드로 실행시킵니다.

가상 머신 디스크 이미지에 접근하고 변경가능한 새로운 라이브러리 (libguestfs) 와 인터랙티브 툴 (guestfish)이 이용가능합니다.

5.3.1. 커널의 동일 페이지들은 합치고 게스트 메모리 사용을 줄임

Kernel SamePage Merging (KSM) 은 동일한 메모리 페이지들을 커널이 하나의 페이지로 합치게 하여, 하나 또는 그 이상의 프로세스들에 합쳐진 하나의 페이지를 공유하게 해줍니다. 이 특징은 KVM에 의해, 여러개의 유사한 게스트 가상 머신들의 풋프린트를 줄이는 데 유용하게 사용됩니다. 메모리가 공유되기 때문에 게스트의 합쳐진 메모리 사용량은 줄어듭니다.

보다 자세한 내용은 <http://fedoraproject.org/wiki/Features/KSM> 와 <http://lwn.net/Articles/306704/> >를 참조하시기 바랍니다.

5.3.2. KVM 거대 페이지 기반(Huge Page Backed) 메모리

메모리 소모를 줄이고 CPU 캐시 압력을 줄여 성능을 개선하고자 한다면 KVM 게스트가 거대 페이지 기반 메모리를 사용하는 것을 허용하십시오. 거대 페이지 기반 메모리를 허용하는 KVM 게스트를 사용하는 사용자들은 호스트의 메모리 소모를 줄이고 성능이 개선되는 것을 체험할수 있습니다. 성능 개선 효용성은 부하에 따라 좌우됩니다. 게스트 메모리를 위해 거대 페이지를 사용하는 것은 불리한 면도 있지만 어쨌든 스왑도 게스트 메모리 확장도 필요없게 됩니다.

보다 자세한 내용은 다음을 참조하시기 바랍니다. : http://fedoraproject.org/wiki/Features/KVM_Huge_Page_Backed_Memory.

5.3.3. KVM NIC 핫플러그

실행되고 있는 KVM 게스트에 *libvirt/virt-manager*를 사용하여 게스트를 재시작하지 않고 네트워크 인터페이스를 추가하는 것이 가능 할 수 있습니다.

보다 자세한 내용은 아래를 참조하시기 바랍니다.: http://fedoraproject.org/wiki/Features/KVM_NIC_Hotplug.

5.3.4. KVM qcow2 성능

*qemu*의 본래의 디스크 이미지 파일 포맷은 qcow2입니다. Qcow2는 로우포맷에 비하여 베이스이미지, 스냅샷, 압축과 암호등의 특징을 제공합니다.

호스트 크래쉬로 부터 게스트 머신을 보호하기를 원하는 사용자들은 일반적으로 호스트에 쓰기 캐싱을 불능화시킵니다. 전에는 이렇게 하면 qcow2 이미지내에 있는 게스트의 성능을 매우 열화시켰습니다.

The I/O performance of qcow2 디스크 이미지의 I/O 성능이 크게 개선되었습니다. 낮은 성능 때문에 qcow2를 사용하지 않는 사용자도 로우디스크 포맷에 비하여 추가적인 장점들을 가지고 있으니 사용 전환을 고려해보시기 바랍니다.

보다 자세한 내용은 아래를 참조하시기 바랍니다. : http://fedoraproject.org/wiki/Features/KVM_qcow2_Performance 와 <http://www.gnome.org/~markmc/qcow-image-format.html>.

5.3.5. KVM 안정된 게스트 ABI

KVM 게스트들은 에뮬레이션된 하드웨어 플랫폼이나 응용바이너리 인터페이스(CPU 모델, APIC, PIT, ACPI 테이블들, IDE/USB/VGA 컨트롤러, NICs 등을 포함하는) 위에서 실행됩니다. QEMU가 새로운 버전으로 업데이트 되었기 때문에 이 플랫폼들도 새로운 하드웨어 기능들이 추가되어 약간의 변경이 있습니다. 이러한 변경은 윈도우 게스트들에게는 게스트 ABI 변경에 따른 재설치를 요구하기 때문에 문제가 될수 있습니다.

게스트 가상 머신들은 QEMU 업그레이드를 통해 이제는 동일한 ABI 로 표현될것 입니다.

보다 자세한 내용은 아래를 참조하시기 바랍니다.: http://fedoraproject.org/wiki/Features/KVM_Stable_Guest_ABI 과 http://fedoraproject.org/wiki/KVM_Stable_Guest_ABI_Design_Notes.

5.3.6. 가상 머신을 다루기 위한 libguestfs 라이브러리

페도라 11 개발 사이클에서 늦게 추가된 , *libguestfs*가 페도라 12에서는 공식적으로 포함된 기능이 되었습니다.. *libguestfs*는 게스트 디스크 이미지에 접근 및 변경이 가능하도록 하는 라이브러리 입니다. 리눅스 커널과 *qemu* 코드, *libguestfs* 는 리눅스와 QEMU가 할수 있는 어떠한 게스트 파일시스템 유형도 접근이 가능합니다.

다음 툴들은 libguestfs에서 제공하거나 확장된 것입니다.:

OCaml, 펄, 파이썬, 루비, 와 자바 프로그래밍 언어들의 바인딩.

guestfish - 게스트 환경에서 가상머신 파일시스템을 편집하고 명령을 실행할수 있는 인터랙티브한 셸을 제공.

virt-df - 가상 머신 파일 시스템에서의 여유 용량 표시

virt-inspector - 가상머신의 OS 버전, 커널, 드라이브, 마운트지점, 응용들을 표시.

virt-cat - "Cat"은 가상 머신내의 파일을 내보냄.

보다 자세한 내용은 다음에서 참조하시기 바랍니다:

<http://fedoraproject.org/wiki/Features/libguestfs>

<http://libguestfs.org/>

5.3.7. 네트워크 인터페이스 관리

브릿지(bridges), 본드(bonds), VLAN등과 같은 일반적인 호스트 네트워크 구성들은 앞으로는 범용 목적의 네트워크 구성 라이브러리, netcf를 사용하여 구성합니다. *libvirt* API의 개선은 *libvirt*를 사용한 원격관리 호스트에 이 새로운 기능을 가능하게 하였습니다.

보다 자세한 내용은 다음에서 참조하시기 바랍니다:

http://fedoraproject.org/wiki/Features/Network_Interface_Management

<http://fedorahosted.org/netcf/>

<http://www.libvirt.org/remote.html>

5.3.8. 단일 루트(Single Root) I/O 가상화

단일 루트(Single Root) I/O 가상화는 PCI 특징으로, 물리적 함수(PF)의 자원들을 공유하기 위한 가상함수 (VF) 생성을 지원합니다. VF 장치들은 게스트 가상머신에 할당되어 게스트내에서 물리적 PCI 장치들로 보여집니다. 게스트 OS가 효과적으로 하드웨어를 직접드라이빙 하기 때문에 I/O 성능이 거의 실제 장치들의 성능과 대등할 수 있는 수준이 됩니다.

보다 자세한 내용은 다음에서 참조하시기 바랍니다:

<http://fedoraproject.org/wiki/Features/SR-IOV>

<http://www.pcisig.com/specifications/iov/>

http://fedoraproject.org/wiki/Features/KVM_PCI_Device_Assignment

5.3.9. gPXE 는 게스트에 기본적으로 포함됩니다.

QEMU 게스트는 PXE 부팅을 위해 구식의 etherboot 보다는 현대적이고 지원이 잘되는 *gpxe*를 사용합니다.

보다 자세한 내용은 다음에서 참조하시기 바랍니다:

<http://fedoraproject.org/wiki/Features/VirtgPXE>

<http://etherboot.org/wiki/index.php>

5.3.10. Virt 특권

QEMU 바이너리에 있을수 있는 약점으로 인한 호스트의 보안성을 개선하기위하여 QEMU/KVM 가상머신에 변경사항들이 있습니다.

비특권 사용자들이 KVM 하드웨어 가속을 사용할수 있도록 하기 위하여 /dev/kvm의 허가권이 업데이트되었습니다.

로컬 데스크탑 설치에서 virt-매니저에 의해 생성되어진 QEMU 프로세스들은 이제 데스크탑 사용자권한으로 실행됩니다.

특권을 가진 libvirtd 데몬에 의해 생성된 QEMU 프로세스들은 비특권 계정 사용자 'qemu',그룹 'qemu'로 실행됩니다.

libvirtd 는 시작시 가상머신에 할당된 모든 디스크의 소유권을 사용자 'qemu', 그룹 'qemu'로 합니다. 단 읽기전용/공유디스크는 예외로 함.

모든 QEMU 인스턴스를 'root'로 실행하는 이전 버전의페도라 실행 양식으로 돌아가기위하여 두개의 매개변수가 /etc/libvirt/qemu.conf에 들어있습니다. 이것을 변경하는 것을 추천하지는 않습니다..

보다 자세한 내용은 다음에서 참조하시기 바랍니다:

<http://fedoraproject.org/wiki/Features/VirtPrivileges>

5.3.11. 가상화 스토리지 관리

파이버 채널 N_Port ID 가상화 또는 NPIV 는 하나의 물리적 호스트 버스 어댑터에서 여러개의 가상 N_Ports를 생성하는 것을 허용합니다. libvirt 노드 장치 디바이스 API들은 NPIV를 사용하여 가상 어댑터를 생성하고 소멸 할수 있도록 확장되었습니다.

스토리지 발견과 풀 생성을 허용하는 API들은 per-SCSI-호스트 베이스로 스토리지를 재스캔할 수 있도록 확장되었습니다. 관리자는 여러개의 톨을 사용하지 않고도 가상머신을 위한 스토리지 발견, 구성 및 조달이 가능합니다.

보다 자세한 내용은 다음에서 참조하시기 바랍니다:

<http://fedoraproject.org/wiki/Features/VirtStorageManagement>

<http://libvirt.org/storage.html>

5.3.12. 기타 개선 사항

5.3.12.1. Libvirt 기술 호환키트

페도라는 이제 libvirt 기술 호환키트 (TCK)를 포함하고 있습니다. TCK는 각 libvirt 드라이브의 이 용가능한 기능들에 대한 자세한 리포트를 제공하는 기능시험용 슈트로 또 페도라 가상화 특징들의 개발에 오류나 퇴화를 빨리 알 수 있도록 하는 데 사용할 수 있습니다.

보다 자세한 내용은 다음에서 참조하시기 바랍니다:

<http://fedoraproject.org/wiki/Features/VirtTCK>

<http://libvirt.org/drivers.html>

5.3.12.2. 가상화 기술 프리뷰 레포(Repo)

가상화 프리뷰 레포지토리는 최신 가상화 관련 패키지를 시험하고자 하는 사용자들을 위하여 생성 되었습니다. 이 레포에는 초기 실험과 시험을 돕기 위한 의도입니다. 이 것은 생산을 위한 사전 준비용은 아닙니다.

보다 자세한 내용은 다음에서 참조하시기 바랍니다:

http://fedoraproject.org/wiki/Virtualization_Preview_Repository

5.3.12.3. Xen 커널 지원

Fedora 12의 커널 패키지는 게스트 domU로 부팅을 지원하지만, 미래의 커널버전에서 이를 지원 할 때 까지 dom0으로 작동하지 않게 됩니다. 작업은 진행중이며 페도라 13과 커널 2.6.33에 포함 되어 지원될 가능성이 매우 높습니다.

dom0 을 지원하는 가장 최근의 페도라 릴리즈는 페도라 8 이었습니다..

Fedora 12 호스트에서 Xen domU 게스트를 부팅하기 위해 KVM 기반 xenner가 필요합니다. Xenner 는 KVM 게스트로서 게스트 커널 및 작은 Xen 에뮬레이터를 함께 실행합니다.



KVM은 호스트 시스템에서 하드웨어 가상화 기능을 필요로 합니다. 하드웨어 가상화 기능이 결여된 시스템은 이 시점에서 Xen 게스트를 지원하지 않습니다.

보다 자세한 내용은 다음에서 참조하시기 바랍니다:

<http://sourceforge.net/projects/kvm>

<http://kraxel.fedorapeople.org/xenner/>

<http://fedoraproject.org/wiki/Features/XenPvops>

<http://fedoraproject.org/wiki/Features/XenPvopsDom0>

5.4. 웹 과 콘텐츠 서버

5.4.1. mod_fcgid 2.3.4

이 릴리즈에는, 아파치 httpd 프로젝트의 일부로 새로운 보금자리를 마련한후 첫번째 비베타버전인 *mod_fcgid* 2.3.4가 포함되어 있습니다.. 구버전의 *mod_fcgid* 사용하도록 설계된 기존의 응용프로그램들과 호환성문제는 없을 것입니다. 그렇지만 아파치 httpd 프로젝트의 다른 부분과 잠재적인 갈등소지를 없애기위하여 *mod_fcgid*의 설정 디렉티브들의 자신의 명칭들을 바꾸었습니다. 이 것은 사용자들이 구 버전에서 업데이트하는 경우 그들의 *mod_fcgid* 구성설정을 편집하는 것이 필요하다는 것을 의미합니다.: 이전 디렉티브 명칭을 새로운 것으로 변환시켜주는 스크립트 "fixconf.sed"가 *mod_fcgid* 패키지에 포함되어 있습니다.

5.5. Samba (Windows 호환성)

이 섹션에서는 Samba와 관련된 내용을 다루고 있습니다. Samba는 Microsoft 윈도우 시스템과 상호 작용하기 위한 페도라 소프트웨어 슈트의 명칭입니다.

GFS2 클러스터러드(Clustered) Samba

클러스터러드 데이터베이스 (CTDB) 이용과 함께, 클러스터의 서로 다른 노드들에 산재한 *smbd*의 다중 인스턴스인 Samba는 상태들 공유할수 있습니다. 고가용성의 Samba 서비스를 제공하기 위한 능동/수동 또는 능동/능동 구성에 있는 클러스터의 하나 또는 그 이상의 노드들을 통하여 gfs2 파일 시스템을 익스포트(export)하는 것이 이제 가능합니다.

5.6. 파일 시스템

5.6.1. fusecompress

Fusecompress 는 특권을 가지지 않은 일반 사용자가 마운트 할수 있는 압축파일시스템입니다. 페도라-11 *fusecompress*-1.99.19 버전을 포함하였습니다. 페도라-12 *fusecompress*-2.6 으로 업데이트 되었습니다. 이 업데이트는 온디스크 포맷을 변경하는 매우 불편한 것일 수 있습니다. *fusecompress* 파일시스템을 사용하는 분들은 업그레이드 전에 파일을 압축해제 해놓던지 아니면 파일시스템을 새로운 포맷으로 마이그레이션해야 합니다. 또 이렇게 하는데는 *fusecompress_offline1* 패키지도 필요합니다.



여러분은 반드시 파일시스템을 바꾸어야 합니다.

사용자가 이 릴리즈노트를 읽지 않더라도 포맷을 업그레이할 필요성을 느낄 것입니다. 그 첫번째로 문서파일을 읽을 때 그 것을 바이너리 파일로 인식하는 경우 아마 무언가 잘못됐다는 것을 느끼는 것입니다.

```
$ less test.txt
"test.txt" 은 바이너리파일 일수 있습니다.. 어쨌던 보시겠습니까?
```

시스템을 업데이트 시키는 기본적인 방법은 *fusecompress1* 패키지의 `/usr/share/doc/fusecompress_offline1-%{version}/README.fedora` 문서 파일에 있습니다. *fusecompress* 패키지의 `README.fedora` 에서 `ll fusecompress_offline1`를설치하는 방법을 알려줍니다, 업그레이드 방법은 아래에 다시 설명합니다.:

페도라 11에서 구 fusecompress의 rootDir (실제 파일이 저장되어 있는곳) actually stored) 가 ~/.fusestorage 이고, 이것을 ~/storage에 마운트하였다고 가정한다면. 이제 여러분이 페도라 12로 업그레이드 하여 여러분의 fusecompress 파일시스템을 새로운 온디스크 포맷을 업그레이드 한다면 여기에 기본적인 방법을 보여줍니다..:

```
# 구 fusecompress 파일시스템이 언마운트된것을 확인하십시오
fusermount -u ~/storage
# 그 언마운트된 디렉토리를 새로운 위치로 이동하십시오
mv ~/.fusestorage ~/.fusestorage.old
# 새로운 포맷 데이터를 위한 새로운 디렉토리를 생성하십시오
mkdir ~/.fusestorage
# 새로운 디렉토리를 마운트하면 새로운 포맷의 fusecompress 파일시스템이 됩니다.
fusecompress ~/.fusestorage ~/storage
# 구 fusecompress data directory에 있는 모든 파일들을 압축해제하십시오.
fusecompress_offline1 ~/.fusestorage.old
# 새로운 포맷 디렉토리로 파일들을 이동하십시오
mv .fusestorage.old/* ~/storage
# 만약 숨겨진 파일들이 있다면 이것도 이동하는 것을 잊지마세요
mv .fusestorage.old/.?* ~/storage
```

이 모든 절차를 정확히 할려면 여러분은 ~/.fusestorage.old 디렉토리에 있는 모든 파일들을 압축해제할 수 있는 충분한 공간을 가지고 있어야한다는 것을 명심하십시오. 만약 충분한 공간을 가지지 못한다면 fusecompress_offline1을 실행하여 ~/.fusestorage.old 에 있는 일부파일들만 압축해제하여 ~/storage 로 이동하면 다시 그파일들은 압축될 것 입니다. 공간을 다시 확보한 후 나머지 파일들을 조금전 과정을 반복하시면 됩니다.

5.7. X 윈도우 시스템 (그래픽)

이 섹션에서는 페도라에서 제공하는 X 윈도우 시스템 구현, X.Org에 관련된 내용을 다루고 있습니다.

5.7.1. 디스플레이포트(DisplayPort)

디스플레이포트는 새로운 디지털 디스플레이 커넥터 및 프로토콜입니다. 디스플레이포트는 고대역 디스플레이 인터페이스를 제공하여 디스플레이 생산자가 고해상도, 높은 색상수, 높은 리프레시 비율의 디스플레이를 생산할수 있도록 합니다.

페도라 12은 인텔 어댑터의 특징들을 지원하기위한 디스플레이포트의 개선된 기능이 포함되어 있습니다. 애플, HP 와 델등은 디스플레이포트 지원 디스플레이장치들을 제공하고 있습니다. 디스플레이포트는 전력절감의 가능성이 높기 때문에 랩탑이 임베디드 디스플레이포트 인터페이스를 지원하게 될 가능성이 매우 높습니다..

5.7.2. 제삼자 제공 비디오 드라이버

Xorg의 제삼자 제공 드라이브 페이지에 제삼자 제공 드라이버 사용에 대한 자세한 가이드라인이 있으니 참조하십시오...: <http://fedoraproject.org/wiki/Xorg/3rdPartyVideoDrivers>

5.8. HA 클러스터 하부구조

이 섹션은 페도라 12에서 클러스터링 툴에 대한 변경 사항 및 추가 사항에 대해 다루고 있습니다.

6. 개발자를 위한 변경 사항

6.1. 도구

페도라 12는 풍부한 개발툴을 포함하고 있습니다. 모든 인기있는 프로그래밍언어들 최고의 최신의 IDE들, 넓은 범위의 라이브러리 셋들이 있습니다. 이 섹션에서는 페도라 12의 중요 변경들만 열거합니다. 수백개의 업데이트된 개발 컴포넌트들의 전체 목록은 이 문서의 끝에 있는 표들을 참조하십시오.

emacs

emacs은 버전 23으로 업데이트되었습니다. Emacs 23은 다음을 포함한 많은 새로운 특징들이 있습니다.:

개선된 유니코드 지원

Fontconfig 와 Xft로 폰트 렌더링.

하나의 세션에서 텍스트터미널과 X디스플레이를 동시에 지원, 그리고 데몬으로 실행가능.

분산 버전제어 시스템(distributed version-control systems : VC-dir)에서 다중파일 코밋 가능.

PDF 와 프스트스크립트 파일 (Doc-view mode)보기위한 새로운 모드와 패키지들, D-Bus (dbus)를 통한 프로세스와 연결, GNU Privacy Guard (EasyPG)와의 연결, XML 문서편집(nXML mode), 루비 프로그램 편집(Ruby mode), 등등.

mercurial

버전 1.3.1 *mercurial* 이 실험적으로 서브 리포지터리 지원을 위하여 추가되었음.

6.2. 언어

페도라 12 는 모든 인기있는 프로그래밍 언어들이 포함되어 있습니다. 이 섹션은 페도라 11 이후의 주요 변경사항들에 대하여 대략설명합니다. 페도라는 모든 최신 업스트림 버전들을 포함하려고 노력하기 때문에 많은 사소한 변경들도 있을 것입니다.자세한 것은 이 문서의 끝부분에 있는 표들을 참조하십시오.

Haskell

페도라 12는 *haskell*-2009.2.0.2를 포함하고 있습니다. Haskell 플랫폼은 Haskell 프로젝트들을 개발하기위한, 알려진 안정적인 플랫폼으로 표준 라이브러리와 틀을 제공합니다.

*ghc*가 6.10.4로 업데이트 되었습니다. *xmonad* 창 매니저와 몇개의 라이브러리가 추가되었습니다.(*cgi*, *editline*, *fgl*, *GLUT*, *haskell-platform*, *network*, *OpenGL*, *tar*, *time*, *utf8-string*, *X11-xft*, *xmonad*, *xmonad-contrib*).

*ghc-rpm-macros*는 Haskell 패키징 가이드라인에 사용하는 rpm 매크로가 포함되어 있습니다.

php

페도라 12는 버전5.3.0 의 *php*가 포함되어 있습니다. 이 버전에는 몇가지의 중요한 특징들이 들어가있습니다. 네임스페이스 지원, 후 바인딩, 일관성있는 소수라운드 및 몇가지의 성능 향상등입니다. 자세한 목록은 http://php.net/releases/5_3_0.php을 보십시오.

6.3. 이클립스(Eclipse)

이클립스는 버전 3.5 (갈릴레오:Galileo)로 업데이트 되었습니다. 사용자가 이 버전의 릴리즈 노트를 보려면 <http://update.eclipse.org/downloads/drops/R-3.5-200906111540/eclipse-news-all.html> 를 참조 하십시오.

페도라는 그전 버전보다 더 많은 이클립스 플러그인을 포함하고 있으며 Doxygen Integration (*eclipse-eclox*), 원격시스템 익스플로러 (*eclipse-rse*) 와 Verilog/VHDL 에디터 (*eclipse-veditor*)등을 새로 추가 하였습니다.

다른 이클립스 플러그인의 중요 변경으로 플데이터베이스 개발 IDE를 담고 있는 데이터 툴 플랫폼 포함 (*eclipse-dtp*), 동적언어 툴킷이 원격시스템 익스플로러를 포함함 (*eclipse-dltk-rse*), 그리고 이클립스 모델링 프레임워크 SDO 컴포넌트가 쓸모없어 삭제됨 (*eclipse-emf-sdo*).

7. 페도라 전문 독자를 위한 변경사항

7.1. 과학과 수학에서의 새로운 것들

페도라 12 수학과 과학을 위한 일련의 패키지들을 포함하고 있습니다.아래의 패키지들이 페도라 12에서 업데이트 되었습니다.

R

R 과 많은 서브 패키지들이 최신 버전으로 업데이트 되었습니다. 많은 수의 새로운 특징들이 있는 데, 이 프로젝트의 메일링 리스트에 자세하게 설명되어 있습니다.: <https://stat.ethz.ch/pipermail/r-announce/2009/thread.html>.

fet

fet 는 학교나 대학을 위한 스케줄링 프로그램입니다. 많은 버그 교정 및 성능 개선으로 fet 5.10.2 는 고정시간 이벤트 스케줄링 허용, 교사들을 위한 시간제한 허용, 액티비티의 잠금 또는 해제 허용, 그리고 선호하는 시작시간과 방배정 설정을 허용합니다. 자세한 내용은 fet 뉴스를 참조하십시오 <http://lalescu.ro/liviu/fet/>.

많은 수의 다른 패키지들도 버그교정 업데이트나 사소한 변경이 있었습니다. 자세한 것은 이문서의 끝에 있는 표들을 참조하십시오.

7.2. 전자설계 자동화(Electronic Design Automation)

이 섹션은 페도라 12에서 페도라 전자 실험실(FEL)의 변경사항들을 설명합니다. FEL에 있는 일부 응용프로그램들은 몇몇 커뮤니티에 응용되고 있습니다. 특정 응용들은 회로 설계(시뮬레이션과 PCB 레이아웃 포함)와 임베디드 개발 섹션에서 설명됩니다.

7.2.1. 협업적 코드 리뷰(Collaborative Code Review)

디지털 하드웨어 설계의 많은 일 중의 하나가 여러 EDA 툴에 입력하기위한 많은 파일들을 추적관리하는 것이다. 최종 리포트 또는 네트리스트는 세밀하게 해석되고 사인오프 방법론의 일부로 기록된다. 각 컴퍼니는 그들의 특정 디렉토리 구조 아래 있는 그리고 그들이 선택한 리비전 제어 시스템하에 있는 프로젝트 관련파일들을 추적관리한다.

페도라에 효율적이고 신뢰성있는 리뷰 솔루션을 포함시켰습니다. 이 트랙기반(trac-based) 피어리뷰 솔루션은 버그, 타스크, 변경세트와 파일들에 대한 링크생성 및 지속적인 참조를 하는데 도움을 줄 것입니다. 프로젝트 코디네이트는 현재 진행중인 프로젝트에 대하여 더 실제적인 조망을 할수 있으며 서로 다른 마일스톤과 마감일정에 대한 진도 추적을 할수 있습니다.

7.2.2. 이클립스 기본 IDE

페도라 이클립스팀의 지원과 협조로, 이클립스는 HDL IP 개발과 문서를 위한 FEL의 주요 IDE가 되었습니다. 이클립스를 채택한 것은 서로 다른 임베디드 소프트웨어 벤드들이 제시하는 툴들 사이의 실질적인 상호 호환성을 유지하기 위해서입니다.

페도라 전자랩 플랫폼에서 기본으로 제공되는 플러그인들은 다음의 성능을 개선시킬것입니다.:

프론트엔드 설계

문서자동 생성 및 전문적인 데이터시트 유지

Perl/Tcl 스크립팅 (Perl모듈은 FEL10 부터 사용)

버전 제어 프로젝트들

패키지	설명
eclipse-veditor	디지털 IC 설계자/FPGA 설계자가 Verilog/ VHDL 코드를 이클립스에서 개발하는 것을 도움. 타이핑, 잃어버린 신호, 불필요한 신호 등에 대한 실시간 오류와 경고 표시.
eclipse-eclox	vhdl코드가 doxygen 스타일의 코멘트를 따르면, pdf가 자동적으로 생성되어 내부회의에 사용하거나 고객에게 전송할수 있음.
eclipse-texlipse	pdf가 latex로 생성되므로, texlipse 플러그인은 추가적인 페이지 레이아웃 포매팅을 제공하여 pdf 생성을 쉽게합니다. pdf 생성은 Ctrl-S를 눌러서만 사용하며 kile에서 하던 수동 클릭은 사용할수 없습니다. 왜냐하면 kile이 FEL 라이브dvd에서 곧 제거될 것입니다.
eclipse-cdt	임베디드 C 와 C++ 개발 툴 제공.
eclipse-dltk-tcl	Tcl 스크립트는 HDL 코드 한축으로 유지관리될 것입니다.
eclipse-epic	펄 스크립트는 HDL 코드의 한축으로 유지관리될 것입니다.
eclipse-subclipse	이클립스 IDE에 서브버전통합 추가
eclipse-egit	이클립스 IDE에 분산 버전 제어 GIT통합 추가

표 1. 하드웨어 설계를 위해 선택된 이클립스 플러그인

7.2.3. 아날로그 ASIC 설계

toped

기능이 강화된 0.9.4로 업데이트. 페도라 Toped 패키지는 변수 \$TPD_GLOBAL 을 /usr/share/toped 로 기본 설정합니다. 그러므로 사용자가 toped를 쉽게 실행할수 있습니다.

Graham Petley 와 Krustev Svilen은 2 TELL 파일을, 어떻게 toped가 toped의 GDSII 와 CIF 파서를 통해 Pharosc Standard Cells과 인터랙트하는지 보여주기 위하여 제공하였습니다.

하이라이트

새로운 그래픽 렌더러는 드로잉을 최대 3.5배 빠르게 합니다. OpenGL 버전 1.4 (F-11은 1.3 을 사용, 문제는 아님)와 가상 버퍼 오브젝트를 요구함. 이것들은 앞으로의 그래픽 효과의 기본으로 사용됨.

구 렌더러도 구 OpenGL버전과 특히 가상 데스크탑을 구현하는 그래픽드라이브를 위하여 남겨둠

속도도 상당히 개선되었음

외부 인터페이스의 오류교정및 업데이트. 특히 GDSII.

Virtuoso(C) technology 파일을 TELL 로 컨버전하는 새로운 유틸리티.

새로운 레코드로 TDT 포맷이 업데이트됨. 버전 0.7로 업데이트.

새로운 레코드로 TDT 포맷이 업데이트됨. 버전 0.7로 업데이트.

사용자 인터페이스 커스텀마이징-툴바의 추가적인 업데이트.

셀 리퍼런스의 내부처리가 업데이트 되었습니다. 레이어 0 가 노말 레이어로 처리됩니다.



구버전의 Toped는 현재 버전이 생성한 TDT 파일을 읽지 못합니다.

주 개발 트렁크에 통합되지 못한 일정부분의 코드 예를 들면 캘리브레 오류 리포터 파서등이 있습니다. 다음 버전대에 통합될 예정입니다. 현재상태의 안정성을 희생하지않게 하기위하여, 대신 통합을 연기시킨 것입니다.

매직(Magic)

페도라 매직이 8.0.54로 업데이트되었습니다.

페도라 매직 패키지는 문서를 별도의 패키지로 제공합니다.: *magic-doc*. 문서패키지는 몇몇의 scmos 예제 와 튜토리얼이 포함되어 있습니다. 매직 VLSI 고급사용자들은 8.0 시리즈 버전의 자세한 내용을 파악하기위하여 문서를 읽어보는 것에 흥미를 가질것입니다.

주요 기능 :

외각선 벡터 폰트(프리폰트 프로젝트의 허락하에), 그리고 매직의 라벨과 관련된 많은 문제해결.

모든 디스플레이, 작업조작(manipulation), OpenGL 완벽지원

새로운 "cif paint" 명령과 함께 사용할수 있는 몇몇 "cifoutput" 연산자가 불리언 연산자를 사용하는 레이아웃 처리작업에 유용함.

실행 속도가 개선되었습니다.

그리드 처리작업과 문자설정을위한 두개의 메뉴가 추가됨.

전기

III가 8.09로 업데이트 되었습니다.

대부분의 전기 유저베이스가 제삼자 제공 플러그인을 사용하는데 페도라와 라이선싱 불일치로 이러한 플러그인들을 FEL에 추가할수 없습니다. 이것은 페도라 전자실험실 팀도 사용자 플러그인을 사용하는 새로운 최신업데이트버전이 기존의 상호 호환성을 깰것이란 것을 인지하고 있습니다. 그러므로 새로운 전기 버전이 완성된다면 그들 자신의 방식을 사용하는 업데이트 테스트 리포지터리가 필요할 것입니다.

7.2.4. 디지털 설계

Dinotrace

페도라 12에 새로 추가된, Dinotrace는 Verilog Value Change Dumps, ASCII, 와 다른 trace 포맷들을 이해하는 웨이브폼 뷰어입니다..

커서를 위치하거나, 신호를 하이라이팅하거나, 찾기, 인쇄등 많은 상용 웨이브폼 뷰어에 비하여 손색없는 풍부한 기능을 가지고 있습니다.

Dinotrace는 재빠른 디버깅을 위해 최적화되었습니다. VTRACE로, 시뮬레이션 오류 지점에 자동적으로 커서를 위치하며, 웨이브폼 뷰어에 가시적인 설명을 달아줍니다. 마우스를 클릭하면 로그파일내에 오류가 일어난 부분을 하이라이트하며, 그리고 오류가 일어난 부분의 신호값을 소스에서 보여에서 보여줍니다.

페도라는 또 dinotrace-mode 중 emacs를 위한 *emacs-dinotrace-mode* 탑재하고 있습니다.

eqntott

*eqntott*는 불리언 논리 표현을 진리표로 만들어 줍니다. 이 진리표는 논리 최소화(즉, 논리표현을 단순형태로 전환하고, 단순화된 진리표를 생성하기 위한)를 위한 espresso 패키지의 입력준비에 유용합니다. *eqntott*는 페도라 12에 새로 추가되었습니다.

espresso-ab

페도라 12에 새로 추가된, *espresso*는 이진(또는 다중값)을 갖는 불리언 함수를 입력으로 받아 최소화된 등가 함수를 만들어 냅니다. 이것은 불리언 로직의 최소화 틀입니다. |

Verilator

Verilator 는 매우 빠른 무료 Verilog HDL 시뮬레이터입니다.이것은 synthesizable Verilog, 더하기 일부 PSL, SystemVerilog 과 Synthesis assertions 을 C++ 또는 SystemC 코드로 컴파일 합니다. 이것은 빠른 시뮬레이션 성능이 중요한 대규모 프로젝트를 위하여 설계되었습니다 특히 임베디드 소프트웨어 설계팀의 실행가능한 CPU 모델들을 생성하는데 적합합니다.

vrq

VRQ 는 모듈라 verilog 파서로 verilog 처리를 위한 플러그인을 지원합니다. 여러개의 틀이 vrq 단일실행 내에 파이프라인 형태로 호출될 수 있습니다. 이것은 백엔드 커스트마이저별 플러그인을 지원하는 범용프론트엔드 파서입니다.

Alliance

페도라 Alliance CVS 개발 리포지터리가 2009년 8월, 64 아키텍처의 안정성에 대한 100번째 패치를 가졌습니다. 우리들은 alliance에 모든 최신패치를 적용한 것에 대하여 만족합니다. 우리들은 또 모든 페도라 지원 테스트 리포지터리 와 EPEL-5 테스트 리포지터리에 새로운 릴리즈로 빌드하였습니다. 새로운 릴리즈에 새로운 그래프뷰어 GUI *xgra* 도 추가되었습니다.

페도라에서 Alliance VLSI를 herb(alliance의 또다른 유사 응용으로 지원을 받던)로 대체하지는 않을 것입니다. herb가 페도라 11 이전에는 활발히 개발이 진행되었지만 이후 부터는 더이상 개발이 진행되지 않기 때문입니다. Alliance VLSI 업스트림이 활발히 진행되고 페도라의 목적에 부응하기 때문에 herb를 쓰기위하여 alliance를 폐기할 이유가 없어진 것입니다.

7.2.5. 하드웨어 설계를 위한 펄(Perl) 스트림트

perl-SystemPerl

페도라 12에 새로 추가된 패키지입니다.

시스템펄(SystemPerl)의 펄에 대한 관계는 C의 시스템C 언어의 관계로 볼수 있습니다. 문자처리를 확장하도록 설계되어 문자처리시 반복되는 언어 구문을 최소화할수 있습니다. sp_preproc

를 사용하여 시스템 펄 파일을 컴파일 때에 C++ 파일로 확장할 수 있으며 또 그들을 단독 실행 가능한 시스템 C파일로 확장 변경할 수 있습니다.

perl-Verilog-Perl

perl-Verilog-Perl이 3.123으로 업데이트 되었습니다. 새로운 특징들은 다음과 같습니다. :

"do" 를 식별자(identifier)로 사용할때 개선된 경고기능.

이스케이프드 전처리 식별자 오류 교정, bug106.

필 5.8.8 컴파일 오류 교정, rt48226.

callbackgen.관련 필 5.8.0 컴파일 오류 교정



주의

perl-Verilog-Perl obsoletes perl-Verilog. Fedora users are advised to tune their home-made Perl scripts accordingly.

7.3. 회로설계(Circuit Design)

페도라 12 는 스키메틱 캡처와 회로 시뮬레이션 및 PCB레이아웃을 위한 완전한 응용프로그램들이 포함되어 있습니다. 다음은 이 응용들의 주요 변경사항들 입니다. 전체 변경 목록은 이 문서의 끝부분을 참조하십시오.

geda

이전에 몇개의 개별 응용프로그램들로 패키징되었던 **geda** 슈트가 페도라 12 에서는,통합하여 하나의 패키지로 되었습니다.

gspiceui

페도라의 **gspiceui**패키지가 구 **wxgtk** 2.6에서 새로운 **wxgtk** 2.8버전하에서 컴파일되었습니다. 그래서 GSpiceUI의 GUI 인터페이스가 개선되었습니다. GSpiceUI에 빠져있던 opamp-3.sym 이 /usr/share/gEDA/sym/misc/ (geda 심볼 디렉토리)에 포함되었습니다.



PPC64

PPC64아키텍처 지원 페도라에서 GSpiceUI를 사용할 수 없습니다. 이 아키텍처에 gwave가 빠져있기 때문입니다.

kicad

페도라 12는 **kicad**package > 최신 버전이 포함되어 있습니다. 이버전은 사용 편의성 개선과 많은 사소한 버그 수정이 되었습니다. 많은 변경 항목들에 대한 전체적인 설명은 http://www.lis.inpg.fr/realise_au_lis/kicad/ 사이트에서 최신 변경로그를 참조하십시오.

ngspice

ngspice 는 리워크(rework) 19 으로 업데이트 되었습니다.

메모리 린리: 메모리 누수 수정 (Bug 514484 - 긴 경고 메시지)

espice 버그 수정 및 개선사항 통합

plots 과 cli 인터페이스에서의 버그수정

Rework of BSim 모델들의 재작업, EPFL-EKV 모델 V2.63 통합, ADMS 모델 mextram, hicum0, hicum2.

페도라의 ngspice는 Xcircuit TCL 인터페이스로 부터의 콜 요청을 수용하도록 수정되었습니다.

tclspice

*tclspice*는 페도라 12.새로 추가되었습니다.

ngspice-rework-19 이전에는 페도라는 *tclspice*의 안전성이 매우 취약하다고 여겨졌습니다. *tclspice*의 예제를 rpm -qd tclspice.를 통해 찾을 수 있습니다.

Tclspice 는 페도라 사용자에게 자신의 TCL 백엔드를 통해 확장된 혼성 신호 설계 능력을 제공합니다. 페도라는 불리언처리를 위한 툴을 제공합니다.(다음 섹션에서 설명함) 페도라 사용자는 자신을 위한 혼성신호 EDA 플러그인 작성을 위한 적절한 재료를 가진 것입니다.

xcircuit

*xcircuit*은 버전 3.6.161으로 업데이트 되었습니다. 포함된 중요 사항:

다중 스케메틱 레이아웃 창 지원

주요 함수 바인딩 루틴들의 완벽한 정밀 점검을 하였으며 함수 디스패처 메카니즘이 영향을 받았음

다중 윈도우 수행 작업이 제대로 수행되도록 몇가지 추가 및 교정이 진행되었음

라이브러리르 취급하는 방식에 대한 개선이 이루어졌는데 이 것은 기술적 네임스페이스라는 개념을 사용하여 라이브러리 페이지와 파일들 사이를 구분하게 하므로써 가능해졌다. 각 객체는 기술 프리픽스와 이중콜론(::) 그리고 객체명 을 가진 이름으로 작명되었다. 각 라이브러리 파일은 기술 명으로 선언되고 이 기술명은 그 파일에 있는 모든 객체의 프리픽스로 사용된다. XCircuit에서 사용된 프리픽스는 어떤 객체가 그들이 적재된 라이브러리 페이지에 상관없이 어떤 파일에서 유래했는지 추적할수 있는 단서다. 심볼핀에 연결된 선에 대한 추가 지원으로 심볼이 이동하더라도 연결된 선들은 계속 연결을 유지하게되었다. 또 접착기능의 확장으로 선들이 (반)자동으로 핀레벨이나 심볼핀에 연결되도록 하였다. 접착("attach-to")을 위한 키매크로(Key "A")는 선연결 기능(Key "W")처럼 사용할수 있어 그것의 시작점에서 심볼핀이나 핀라벨로 접착기능을 지시할수 있다.

The way info labels for PCB를 위한 정보 라벨이 처리되는 방식이 버전 3.6.66 부터 변경되었습니다.

실행 속도가 개선되었습니다.

페도라의 ngspice는 Xcircuit TCL 인터페이스로 부터의 콜 요청을 수용하도록 수정되었습니다.

7.4. 임베디드 개발

페도라 12 다양한 타겟에 대한 임베디드 응용 개발을 지원하기위하여 일련의 패키지를 포함하고 있습니다. AVR 및 마이크로칩 PIC 같은 관련 파트를 폭 넓게 지원합니다. 게다가 오래되고 인기가 사라진 Z80, 8051등의 개발을 지원하는 패키지도 있습니다. 더 자세한 설명은 https://fedoraproject.org/wiki/Packages_For_Embedded_Development .사이트에서 *Packages for embedded development on the wiki* 를 참조하십시오.

GNUSim8085

*gnusim8085*이 새롭게 페도라에 추가되었습니다. GNUSim8085 은 인텔 8085마이크로프로세서 어셈블리 언어의 그래픽컬 시뮬레이터 입니다. 몇가지의 뛰어난 특징이 있는 데 그 중의 하나

로 포함된 키패드로 어셈블리어 프로그래밍을 매우 쉽게 할 수 있습니다. 또 프로그램 디버깅에 사용될 수 있는 스택, 메모리, 포트 뷰어를 제공합니다.

gputils

gputils 에 몇 개의 새로운 프로세서의 지원이 추가되었습니다. *gputils* 는 MPLAB 8.20 이 지원하는 모든 프로세서를 지원합니다.(EEPROM과 유사 디바이스 제외)

gsim85

gsim85 는 8085 마이크로프로세서 시뮬레이터입니다. 사용하기 편리한 그래픽 사용자 인터페이스를 제공합니다. 8085 프로그램을 실제로 타겟보드에 임플리먼트하기 전에 시험용으로 적용시켜볼 수 있습니다. *gsim85* 은 페도라 12 에 새롭게 추가되었습니다.

mcu8051ide

페도라 12는 새로운 패키지, *mcu8051ide*를 추가 하였습니다. MCU 8051 IDE 는 8051 기반의 마이크로컨트롤러의 통합 개발 환경입니다. 지원되는 언어는 C와 어셈블리입니다.

자신의 어셈블러를 가지고 있으며 2개의 외부어셈블러를 지원합니다. C언어는 SDCC 컴파일러를 사용합니다.

openocd

페도라 12의 새로운 오픈 온칩 디버거(OpenOCD)는 임베디드 디바이스의 바운다리스캔테스팅, 인시스템 프로그래밍과 디버깅을 제공합니다. 다양한 보드와 타겟들 그리고 인터페이스가 지원되기 때문에 개발시간을 줄일 수 있습니다.

sdcc

sdcc 2.9.0 몇가지의 새로운 특징이 추가되었습니다. 전체 목록은 <http://sdcc.sourceforge.net/> 참조하십시오.



코드의 호환성 문제가 발생할 수 있습니다.

sdcc 2.8.0 에서 개발된 코드가 2.9.0.에서 완벽한 호환성을 가지지 않습니다.

7.5. What's new for amateur radio operators

페도라 12 에는 아마추어 라디오 운영자와 전자 제품에 취미가 있는 분에게 관심이 될만한 응용들과 라이브러리가 있습니다. 관련 응용중 많은 부분은 페도라 전자실험실 스핀에 포함되어 있습니다. 흥미 있는 응용들이 회로설계, 임베디드개발, 과학 및 수학 스핀에서도 포함되어 있습니다. 페도라에서 이용 가능한 아마추어 라디오 응용들의 전체목록은 위키https://fedoraproject.org/wiki/Applications_for_Amateur_Radio 에서 `Applications for amateur radio` 을 참조하십시오

이 섹션에서는 페도라의 지난 릴리즈버전에서 중대한 변화가 있는 응용들에 대하여 설명합니다. 사소하거나 중요한 모든 변경에 대한 완전한 정보는 이 문서의 끝부분에 있는 표들을 참조하십시오

hamlib

hamlib 에 추가 지원 장비목록 :

NRD-525

Kenwood TRC-80

Winradio G305/G315

Yaseau FT2000 and FTDX-9000

xlog

몇가지의 버그 교정에 더하여, *xlog* 는 정보가 알려지지 않은 국가들 취급을 용이하게하는 기능이 추가되어 있습니다. "도구(Tools) -> 알려지지않은 국가찾기(Find unknown countries)" 를 선택하면, *xlog* DXCC 룩업(lookup)이 오류가 발생한 콘택(contacts) 목록을 보여줍니다. 그러면 주어진 컬럼의 "DXCC-" 스트링을 사용하여 이것을 교정 할수 있습니다.

8. 페도라 12 에서의 변경 사항 총괄

이 섹션에서는 페도라 11.릴리즈 버전 이후에 변경된 모든 패키지들에 대하여 설명합니다. 포들은 저장소(리포지터리 데이터)에 인지도된 그룹분류에 따라 구성되어 있습니다. 이그룹핑은 보는 사람에 따라 상이하게 보일수 있으니 인덱스에서 원하는 특정 패키지를 찾아 보는 것이 쉬울 수 있습니다.

8.1. 오락(Amusements)

8.1.1. 오락-게임

패키지	구 버전	신 버전	업스트림 URL
<i>alienarena</i>	7.21	7.32	http://red.planetarena.org/
<i>alienarena-data</i>	20090115	20091102	http://icculus.org/alienarena/
<i>alienarena-server</i>	7.21	7.32	http://red.planetarena.org/
<i>anki</i>	0.9.9.7.4	0.9.9.8.5	http://www.ichi2.net/anki
<i>armacycles-ad</i>	0.2.8.2.1	0.2.8.3	http://armagetronad.sf.net
<i>armacycles-ad-dedicated</i>	0.2.8.2.1	0.2.8.3	http://armagetronad.sf.net
<i>atanks</i>	3.2	3.9	http://atanks.sourceforge.net/
<i>bastet</i>	new	0.43	http://fph.altervista.org/prog/bastet.html
<i>blobAndConquer</i>	1.0	dropped	http://www.parallelrealities.co.uk/blobAndConquer.php
<i>bygfoot</i>	2.2.0	2.3.2	http://www.bygfoot.com
<i>cf dg</i>	2.1	2.2	http://www.contextfreeart.org/
<i>childsplay</i>	1.1	1.4	http://www.schoolsplay.org/
<i>childsplay-alphabet_sounds_ca</i>	1.1	1.4	http://www.schoolsplay.org/
<i>childsplay-alphabet_sounds_de</i>	1.1	1.4	http://www.schoolsplay.org/

패키지	구 버전	신 버전	업스트림 URL
<i>childsplay-alphabet_sounds_es</i>	1.1	1.4	http://www.schoolsplay.org/
<i>childsplay-alphabet_sounds_fr</i>	1.1	1.4	http://www.schoolsplay.org/
<i>childsplay-alphabet_sounds_it</i>	1.1	1.4	http://www.schoolsplay.org/
<i>childsplay-alphabet_sounds_nl</i>	1.1	1.4	http://www.schoolsplay.org/
<i>childsplay-alphabet_sounds_ru</i>	1.1	1.4	http://www.schoolsplay.org/
<i>chromium-bsu</i>	new	0.9.14	http://chromium-bsu.sourceforge.net/
<i>colossus</i>	new	0.9.3	http://colossus.sourceforge.net/
<i>cyphesis-logwatch</i>	0.5.19	0.5.21	http://www.worldforge.org
<i>darkplaces</i>	new	20090501	http://www.nexuiz.com/
<i>darkplaces-quake</i>	new	20090501	http://www.nexuiz.com/
<i>darkplaces-quake-server</i>	new	20090501	http://www.nexuiz.com/
<i>darkplaces-server</i>	new	20090501	http://www.nexuiz.com/
<i>dracula-de</i>	new	1.0	http://wiki.scummvm.org/index.php/Dracula:_The_Vampire_Strikes_Back
<i>dracula-es</i>	new	1.0	http://wiki.scummvm.org/index.php/Dracula:_The_Vampire_Strikes_Back
<i>dracula-fr</i>	new	1.0	http://wiki.scummvm.org/index.php/Dracula:_The_Vampire_Strikes_Back
<i>dracula-it</i>	new	1.0	http://wiki.scummvm.org/index.php/Dracula:_The_Vampire_Strikes_Back
<i>dracula-music</i>	new	1.0	http://wiki.scummvm.org/index.php/Dracula:_The_Vampire_Strikes_Back
<i>ember</i>	0.5.5	0.5.6	http://www.worldforge.org/dev/eng/clients/ember

패키지	구 버전	신 버전	업스트림 URL
<i>ember-media</i>	0.5.5	0.5.6	http://www.worldforge.org/dev/eng/clients/ember
<i>fillets-ng</i>	0.8.1	0.9.1	http://fillets.sourceforge.net/
<i>fillets-ng-data</i>	0.8.1	0.9.0	http://fillets.sourceforge.net/
<i>freecol</i>	0.8.1	0.8.3	http://www.freecol.org/
<i>freedink</i>	1.08.20090120	1.08.20090918	http://www.freedink.org/
<i>freedink-data</i>	1.08.20080920	1.08.20090706	http://www.freedink.org/
<i>freedink-dfarc</i>	3.2.1	3.4	http://www.freedink.org/
<i>freedink-engine</i>	1.08.20090120	1.08.20090918	http://www.freedink.org/
<i>freedom</i>	0.6.2	0.6.4	https://savannah.nongnu.org/projects/freedom/
<i>freedom-freedom</i>	0.6.2	0.6.4	https://savannah.nongnu.org/projects/freedom/
<i>freedroidrpg</i>	0.11.1	0.12.1	http://freedroid.sourceforge.net/
<i>freedroidrpg-data</i>	new	0.12.1	http://freedroid.sourceforge.net/
<i>geoqo</i>	0.99	1.01	http://www.geoqo.org/
<i>glest</i>	3.2.1	3.2.2	http://glest.org
<i>glob2</i>	0.9.3	0.9.4.1	http://globulation2.org/
<i>gnome-games</i>	2.26.1	2.28.1	http://projects.gnome.org/gnome-games/
<i>gnome-games-extra</i>	new	2.28.1	http://projects.gnome.org/gnome-games/
<i>gnome-games-extra-data</i>	2.26.0	2.28.0	http://www.gnome.org
<i>gnujump</i>	new	1.0.6	http://gnu.org/software/gnujump
<i>hedgewars</i>	0.9.9	0.9.11	http://www.hedgewars.org/
<i>inksmoto</i>	0.5.1	0.6.0	http://xmoto.sourceforge.net/
<i>kanatest</i>	0.4.4	0.4.8	http://www.clayo.org/kanatest/
<i>kdeedu</i>	4.2.2	4.3.2	http://www.kde.org/

패키지	구 버전	신 버전	업스트림 URL
<i>kdeedu-kstars</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdeedu-marble</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdeedu-math</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdegames</i>	4.2.2	4.3.2	http://www.kde.org/
<i>manaworld</i>	0.0.28	0.0.29.1	http://themanaworld.org
<i>maxr</i>	0.2.4	0.2.6	http://www.maxr.org
<i>mmapper</i>	new	2.0.4	http://sourceforge.net/projects/mmapper
<i>mnemosyne</i>	1.2	1.2.1	http://www.mnemosyne-proj.org/
<i>nazghul</i>	0.6.0	0.7.0	http://myweb.cableone.net/gmcutt/nazghul.html
<i>nazghul-haxima</i>	0.6.0	dropped	http://myweb.cableone.net/gmcutt/nazghul.html
<i>nethack-vultures</i>	2.1.0	2.1.2	http://www.darkarts.co.za/projects/vultures/
<i>nexuiz</i>	2.5	2.5.1	http://www.nexuiz.com/
<i>nexuiz-data</i>	2.5	2.5.1	http://www.nexuiz.com/
<i>nexuiz-server</i>	2.5	2.5.1	http://www.nexuiz.com/
<i>openarena</i>	0.7.7	0.8.1	http://openarena.ws/
<i>openttd</i>	new	0.7.3	http://www.openttd.org
<i>openttd-opengfx</i>	new	0.1.1	http://dev.openttdcoop.org/projects/opengfx
<i>pokerth</i>	new	0.7.1	http://www.pokerth.net
<i>puzzles</i>	8373	8596	http://www.chiark.greenend.org.uk/~sgtatham/puzzles/
<i>quake3</i>	1.34	1.36	http://ioquake3.org/
<i>quake3-demo</i>	1.34	1.36	http://ioquake3.org/
<i>robotfindskitten</i>	new	1.7320508.406	http://robotfindskitten.org
<i>rocksndiamonds</i>	3.2.6.0	3.2.6.1	http://www.artsoft.org/rocksndiamonds/
<i>slashem</i>	new	0.0.8	http://slashem.sourceforge.net/
<i>spring</i>	0.78.2.1	0.80.4.2	http://springrts.com

패키지	구 버전	신 버전	업스트림 URL
<i>springlobby</i>	0.0.1.10425	0.27	http://springlobby.info
<i>supertuxkart</i>	0.6.1	0.6.2	http://supertuxkart.sourceforge.net/
<i>trackballs-music</i>	1.2	1.4	http://sourceforge.net/projects/trackballs
<i>tremfusion</i>	new	0.99	http://www.tremfusion.net/
<i>tremfusion-common</i>	new	0.99	http://www.tremfusion.net/
<i>tremfusion-server</i>	new	0.99	http://www.tremfusion.net/
<i>tremfusion-tty</i>	new	0.99	http://www.tremfusion.net/
<i>tuxmath</i>	new	1.7.2	http://tux4kids.alioth.debian.org/
<i>tuxtype2</i>	1.5.17	1.7.5	http://tux4kids.alioth.debian.org/tuxtype/index.php
<i>urbanerror</i>	1.34	1.36	http://www.urbanerror.net/
<i>vdrift</i>	20090215	20090615	http://vdrift.net
<i>vdrift-data</i>	new	20090615	http://vdrift.net
<i>warzone2100</i>	2.1.2	2.2.1	http://wz2100.net/
<i>warzone2100-sequences</i>	new	2.2.1	http://wz2100.net/
<i>wesnoth</i>	1.6.2	1.6.5	http://www.wesnoth.org
<i>wesnoth-data</i>	1.6.2	1.6.5	http://www.wesnoth.org
<i>wesnoth-server</i>	1.6.2	1.6.5	http://www.wesnoth.org
<i>wesnoth-tools</i>	1.6.2	1.6.5	http://www.wesnoth.org
<i>worldofpadman</i>	1.34	1.36	http://padworld.myexp.de/
<i>wormux</i>	0.8.2	0.8.4	http://www.wormux.org
<i>wormux-data</i>	0.8.2	0.8.4	http://www.wormux.org
<i>xcowsay</i>	new	1.1	http://www.doof.me.uk/xcowsay
<i>xmoto</i>	0.5.0	0.5.1	http://xmoto.sourceforge.net/

표 2. 오락-게임 모든 변경사항

패키지	구 버전	신 버전	업스트림 URL
<i>xscorch</i>	0.2.0	0.2.1	http://www.xscorch.org/

패키지	구 버전	신 버전	업스트림 URL
yofrankie-bge	1.4	1.1b	http://www.yofrankie.org/

표 3. All Amusements-Games changes (cont'd)

패키지 변경 사항	105
변경되지 않은 패키지	305
전체 패키지	410

8.1.2. 오락-그래픽

패키지	구 버전	신 버전	업스트림 URL
camorama	new	0.19	http://camorama.fixedgear.org/
cbrpager	0.9.19	0.9.20	http://www.jcoppens.com/soft/cbrpager/index.en.php
cheese	2.26.0	2.28.1	http://projects.gnome.org/cheese/
dynamic-wallpaper	new	0.3.1	https://sourceforge.net/projects/dynwallpaper
gnofract4d	3.10	3.12	http://gnofract4d.sourceforge.net/
gnome-nds-thumbnailer	1.0.2	1.2.1	http://ftp.gnome.org/pub/GNOME/sources/gnome-nds-thumbnailer
gnome-screensaver	2.26.1	2.28.0	http://www.gnome.org
kcometen4	1.0.4	1.0.5	http://www.mehercule.net/staticpages/index.php/kcometen4
kdeartwork-kxs	4.2.2	4.3.2	http://www.kde.org/
kdeartwork-screensavers	4.2.2	4.3.2	http://www.kde.org/
kdeartwork-sounds	4.2.2	4.3.2	http://www.kde.org/
kdeartwork-wallpapers	4.2.2	4.3.2	http://www.kde.org/
kdetoys	4.2.2	4.3.2	http://www.kde.org/
rsibreak	0.9.0	0.10	http://www.rsibreak.org
rss-glx	0.8.2.p	0.9.0.p	http://rss-glx.sourceforge.net/

패키지	구 버전	신 버전	업스트림 URL
<i>rss-glx-gnome-screensaver</i>	0.8.2.p	0.9.0.p	http://rss-glx.sourceforge.net/
<i>rss-glx-kde</i>	0.8.2.p	0.9.0.p	http://rss-glx.sourceforge.net/
<i>rss-glx-xscreensaver</i>	0.8.2.p	0.9.0.p	http://rss-glx.sourceforge.net/
<i>tzclock</i>	2.7.4	2.7.5	http://www.tzclock.org/
<i>xlockmore</i>	5.26.1	5.28	http://www.tux.org/~bagleyd/xlockmore.html
<i>xlockmore-gtk</i>	5.26.1	5.28	http://www.tux.org/~bagleyd/xlockmore.html
<i>xlockmore-motif</i>	5.26.1	5.28	http://www.tux.org/~bagleyd/xlockmore.html
<i>xplanet</i>	1.2.0	1.2.1	http://xplanet.sourceforge.net
<i>xscreensaver</i>	5.08	5.10	http://www.jwz.org/xscreensaver/
<i>xscreensaver-base</i>	5.08	5.10	http://www.jwz.org/xscreensaver/
<i>xscreensaver-extras</i>	5.08	5.10	http://www.jwz.org/xscreensaver/
<i>xscreensaver-extras-gss</i>	5.08	5.10	http://www.jwz.org/xscreensaver/
<i>xscreensaver-gl-base</i>	5.08	5.10	http://www.jwz.org/xscreensaver/
<i>xscreensaver-gl-extras</i>	5.08	5.10	http://www.jwz.org/xscreensaver/
<i>xscreensaver-gl-extras-gss</i>	5.08	5.10	http://www.jwz.org/xscreensaver/

표 4. 오락-그래픽 모든 변경 사항

패키지 변경 사항	30
변경되지 않은 패키지	43
전체 패키지	73

8.2. 응용들(Applications)

8.2.1. 응용-에디터들

패키지	구 버전	신 버전	업스트림 URL
<i>efte-common</i>	new	1.1	http://efte.cowgar.com

표 5. 응용-에디터들 모든 변경 사항

패키지 변경 사항	1
변경되지 않은 패키지	0
전체 패키지	1

8.2.2. 응용-아카이빙

패키지	구 버전	신 버전	업스트림 URL
<i>AcetoneISO2</i>	2.0.3	2.1.1	http://www.acetoneteam.org/
<i>backintime-common</i>	new	0.9.26	http://www.le-web.org/back-in-time/
<i>backintime-gnome</i>	new	0.9.26	http://www.le-web.org/back-in-time/
<i>backintime-kde</i>	new	0.9.26	http://www.le-web.org/back-in-time/
<i>cfv</i>	1.18.2	1.18.3	http://cfv.sourceforge.net
<i>cpdup</i>	1.11	1.14	http://apollo.backplane.com/FreeSrc/
<i>cpio</i>	2.9.90	2.10	http://www.gnu.org/software/cpio/
<i>daa2iso</i>	0.1.7a	0.1.7c	http://aluigi.altervista.org/mytoolz.htm
<i>deco-archive</i>	1.4	1.5	http://hartlich.com/deco/
<i>dump</i>	0.4b41	0.4	http://dump.sourceforge.net/
<i>duplicity</i>	0.5.12	0.6.05	http://www.nongnu.org/duplicity/
<i>dvdaster</i>	0.70.6	0.72.1	http://www.dvdaster.com
<i>file-roller</i>	2.26.1	2.28.1	http://download.gnome.org/sources/file-roller/

패키지	구 버전	신 버전	업스트림 URL
<i>fsarchiver</i>	0.4.6	0.6.0	http://www.fsarchiver.org
<i>nssbackup</i>	new	0.2	http://launchpad.net/nssbackup
<i>par2cmdline</i>	0.4	0.4.tbb.20090203	http://archive.sourceforge.net/
<i>rapid-photo-downloader</i>	new	0.0.10	http://damonlynch.net/rapid/
<i>rmt</i>	0.4b41	0.4	http://dump.sourceforge.net/
<i>xfburn</i>	0.4.1	0.4.2	http://goodies.xfce.org/projects/applications/xfburn
<i>xorriso</i>	new	0.3.8	http://scdbackup.sourceforge.net/xorriso_eng.html

표 6. 응용-아카이빙 모든 변경사항

패키지 변경 사항	20
변경되지 않은 패키지	49
전체 패키지	69

8.2.3. 응용-통신

패키지	구 버전	신 버전	업스트림 URL
<i>blueproximity</i>	new	1.2.5	http://blueproximity.sourceforge.net/
<i>cnetworkmanager</i>	new	0.21.1	http://vidner.net/martin/software/cnetworkmanager/
<i>ekiga</i>	3.2.0	3.2.6	http://www.ekiga.org/
<i>empathy</i>	2.26.1	2.28.1.1	http://live.gnome.org/Empathy
<i>evolution-conduits</i>	2.26.1	2.28.0	http://projects.gnome.org/evolution/
<i>fldigi</i>	3.10	3.11.6	http://www.w1hkj.com/fldigi-distro/
<i>gnokii</i>	0.6.27	0.6.28	http://www.gnokii.org/
<i>gnome-bluetooth</i>	2.27.5	2.28.3	http://live.gnome.org/GnomeBluetooth
<i>irssi</i>	0.8.12	0.8.14	http://irssi.org/

패키지	구 버전	신 버전	업스트림 URL
<i>itaka</i>	0.2.1	0.2.2	http://sourceforge.net/projects/itaka
<i>libnodeupdown</i>	1.8	1.9	https://computing.llnl.gov/linux/whatsup.html
<i>libnodeupdown-backend-ganglia</i>	1.8	1.9	https://computing.llnl.gov/linux/whatsup.html
<i>libnodeupdown-backend-openib</i>	new	1.9	https://computing.llnl.gov/linux/whatsup.html
<i>libnodeupdown-backend-pingd</i>	1.8	1.9	https://computing.llnl.gov/linux/whatsup.html
<i>libnodeupdown-clusterlist-hostsfile</i>	new	1.9	https://computing.llnl.gov/linux/whatsup.html
<i>libnodeupdown-devel</i>	1.8	1.9	https://computing.llnl.gov/linux/whatsup.html
<i>mailody</i>	new	1.5.0	http://www.mailody.net/
<i>morse2txt</i>	new	1.0.0	http://morse2txt.sourceforge.net/
<i>moserial</i>	new	2.27.3	http://live.gnome.org/moserial/
<i>mtkbabel</i>	new	0.8	https://sourceforge.net/projects/mtkbabel
<i>nullmodem</i>	0.0.5	0.0.6	http://www.ant.uni-bremen.de/whomes/rinas/nullmodem/
<i>perl-libnodeupdown</i>	1.8	1.9	https://computing.llnl.gov/linux/whatsup.html
<i>pidgin-gfire</i>	new	0.8.3	http://www.gfireproject.org/
<i>pilot-link</i>	0.12.3	0.12.4	http://www.pilot-link.org/
<i>pilot-link-perl</i>	0.12.3	0.12.4	http://www.pilot-link.org/
<i>qlandkartegt</i>	0.10.0	0.15.1	http://www.qlandkarte.org/
<i>qtel</i>	0.11.1	0.11.2	http://svxlink.sourceforge.net

패키지	구 버전	신 버전	업스트림 URL
<i>sems</i>	new	1.1.1	http://www.iptel.org/sems
<i>sems-conf_auth</i>	new	1.1.1	http://www.iptel.org/sems
<i>sems-diameter_client</i>	new	1.1.1	http://www.iptel.org/sems
<i>sems-g722</i>	new	1.1.1	http://www.iptel.org/sems
<i>sems-gateway</i>	new	1.1.1	http://www.iptel.org/sems
<i>sems-gsm</i>	new	1.1.1	http://www.iptel.org/sems
<i>sems-ivr</i>	new	1.1.1	http://www.iptel.org/sems
<i>sems-mailbox</i>	new	1.1.1	http://www.iptel.org/sems
<i>sems-pin_collect</i>	new	1.1.1	http://www.iptel.org/sems
<i>sems-speex</i>	new	1.1.1	http://www.iptel.org/sems
<i>sems-xmlrpc2di</i>	new	1.1.1	http://www.iptel.org/sems
<i>sendxmpp</i>	new	0.0.8	http://sendxmpp.platon.sk/
<i>sipwitch</i>	new	0.5.7	http://www.gnu.org/software/sipwitch
<i>sipwitch-php-swig</i>	new	0.5.7	http://www.gnu.org/software/sipwitch
<i>sipwitch-plugin-forward</i>	new	0.5.7	http://www.gnu.org/software/sipwitch
<i>sipwitch-plugin-scripting</i>	new	0.5.7	http://www.gnu.org/software/sipwitch
<i>sipwitch-plugin-subscriber</i>	new	0.5.7	http://www.gnu.org/software/sipwitch
<i>sipwitch-plugin-zeroconf</i>	new	0.5.7	http://www.gnu.org/software/sipwitch
<i>sipwitch-python-swig</i>	new	0.5.7	http://www.gnu.org/software/sipwitch
<i>soundmodem</i>	0.12	0.14	http://www.baycom.org/~tom/ham/soundmodem/
<i>svxlink-server</i>	0.10.1	0.11.1	http://svxlink.sourceforge.net

패키지	구 버전	신 버전	업스트림 URL
<i>synce-hal</i>	0.13.1	0.14	http://www.synce.org
<i>synce-kpm</i>	0.13	0.14	http://www.synce.org/moin/SynceTools/SynceKpm
<i>synce-sync-engine</i>	0.13	0.14	http://www.synce.org/
<i>synce-trayicon</i>	0.13	0.14	http://synce.sourceforge.net/
<i>telepathy-butterfly</i>	0.3.3	0.5.1	http://telepathy.freedesktop.org/wiki/
<i>telepathy-gabble</i>	0.7.26	0.8.7	http://telepathy.freedesktop.org/wiki/
<i>telepathy-haze</i>	0.3.0	0.3.1	http://developer.pidgin.im/wiki/Telepathy
<i>telepathy-idle</i>	0.1.3	0.1.5	http://telepathy.freedesktop.org/wiki/FrontPage
<i>telepathy-salut</i>	0.3.9	0.3.10	http://telepathy.freedesktop.org/wiki/FrontPage
<i>telepathy-sofiasip</i>	0.5.15	0.5.18.1	http://sourceforge.net/projects/tp-sofiasip
<i>telepathy-stream-engine</i>	0.5.8	0.5.11	http://telepathy.freedesktop.org/wiki/FrontPage
<i>tucnak2</i>	2.25	2.27	http://tucnak.nagano.cz/wiki/Main_Page
<i>unshield</i>	0.5.1	0.6	http://synce.sourceforge.net/
<i>vifir</i>	new	0.4	http://vifir.sourceforge.net/
<i>wammu</i>	0.29	0.30.1	http://wammu.eu/
<i>weechat</i>	0.2.6.1	0.3.0	http://weechat.org
<i>whatsup</i>	1.8	1.9	https://computing.llnwd.net/linux/whatsup.html
<i>whatsup-pingd</i>	1.8	1.9	https://computing.llnwd.net/linux/whatsup.html
<i>xgnokii</i>	0.6.27	0.6.28	http://www.gnokii.org/

패키지	구 버전	신 버전	업스트림 URL
<i>xgridloc</i>	new	0.9	http://5b4az.chronos.org.uk/pages/locator.html
<i>xlog</i>	2.0.1	2.0.3	http://pg4i.chronos.org.uk/linux/xlog.html

표 7. 응용-통신 모든 변경 사항

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8.2.4. 응용-데이터베이스

패키지	구 버전	신 버전	업스트림 URL
<i>couchdb</i>	0.8.1	0.10.0	http://couchdb.apache.org/
<i>firebird</i>	new	2.1.3.18185.0	http://www.firebirdsql.org/
<i>firebird-classic</i>	new	2.1.3.18185.0	http://www.firebirdsql.org/
<i>firebird-devel</i>	new	2.1.3.18185.0	http://www.firebirdsql.org/
<i>firebird-doc</i>	new	2.1.3.18185.0	http://www.firebirdsql.org/
<i>firebird-filesystem</i>	new	2.1.3.18185.0	http://www.firebirdsql.org/
<i>firebird-superserver</i>	new	2.1.3.18185.0	http://www.firebirdsql.org/
<i>flamerobin</i>	new	0.9.2	http://www.flamerobin.org/
<i>glom</i>	1.10.0	1.12.2	http://www.glom.org/
<i>mingw32-sqlite</i>	3.6.6.2	3.6.17	http://www.sqlite.org/
<i>mysql</i>	5.1.32	5.1.39	http://www.mysql.com
<i>mysql-administrator</i>	5.0r12	5.0r14	http://www.mysql.com/products/tools/administrator/index.html
<i>mysql-bench</i>	5.1.32	5.1.39	http://www.mysql.com
<i>mysql-cluster</i>	5.1.32	5.1.39	http://www.mysql.com
<i>mysql-devel</i>	5.1.32	5.1.39	http://www.mysql.com
<i>mysql-embedded</i>	5.1.32	5.1.39	http://www.mysql.com
<i>mysql-embedded-devel</i>	5.1.32	5.1.39	http://www.mysql.com

패키지	구 버전	신 버전	업스트림 URL
<i>mysql-gui-tools</i>	5.0r12	5.0r14	http://www.mysql.com/products/tools/administrator/index.html
<i>mysql-libs</i>	5.1.32	5.1.39	http://www.mysql.com
<i>mysql-proxy</i>	0.6.1	0.7.2	http://forge.mysql.com/wiki/MySQL_Proxy
<i>mysql-query-browser</i>	5.0r12	5.0r14	http://www.mysql.com/products/tools/administrator/index.html
<i>mysql-server</i>	5.1.32	5.1.39	http://www.mysql.com
<i>mysql-test</i>	5.1.32	5.1.39	http://www.mysql.com
<i>mysqludf_xql</i>	new	0.9.7	http://www.mysqludf.org/lib_mysqludf_xql/
<i>pgadmin3</i>	new	1.10.0	http://www.pgadmin.org/
<i>postgis</i>	1.3.5	1.3.6	http://postgis.refractor.net/
<i>postgis-docs</i>	new	1.3.6	http://postgis.refractor.net/
<i>postgis-jdbc</i>	1.3.5	1.3.6	http://postgis.refractor.net/
<i>postgis-utils</i>	1.3.5	1.3.6	http://postgis.refractor.net/
<i>postgresql</i>	8.3.7	8.4.1	http://www.postgresql.org/
<i>postgresql-contrib</i>	8.3.7	8.4.1	http://www.postgresql.org/
<i>postgresql-docs</i>	8.3.7	8.4.1	http://www.postgresql.org/
<i>postgresql-jdbc</i>	8.3.603	8.4.701	http://jdbc.postgresql.org/
<i>postgresql-libs</i>	8.3.7	8.4.1	http://www.postgresql.org/
<i>postgresql-odbc</i>	08.03.0200	08.04.0100	http://psqlodbc.projects.postgresql.org/
<i>postgresql-pgpool-II</i>	2.2	2.2.5	http://pgpool.projects.PostgreSQL.org
<i>postgresql-plperl</i>	8.3.7	8.4.1	http://www.postgresql.org/

패키지	구 버전	신 버전	업스트림 URL
<i>postgresql-plpython</i>	8.3.7	8.4.1	http://www.postgresql.org/
<i>postgresql-pltcl</i>	8.3.7	8.4.1	http://www.postgresql.org/
<i>postgresql-python</i>	8.3.7	8.4.1	http://www.postgresql.org/
<i>postgresql-server</i>	8.3.7	8.4.1	http://www.postgresql.org/
<i>postgresql-tcl</i>	8.3.7	8.4.1	http://www.postgresql.org/
<i>postgresql-test</i>	8.3.7	8.4.1	http://www.postgresql.org/
<i>postgresql_autodoc</i>	1.31	1.40	http://www.rbt.ca/autodoc/
<i>python-psycopg2</i>	2.0.9	2.0.13	http://www.initd.org/software/initd/psycopg
<i>rhdb-utils</i>	8.3.0	8.4.0	http://sources.redhat.com/rhdb/
<i>rrdtool</i>	1.3.7	1.3.8	http://oss.oetiker.ch/rrdtool/
<i>sepostgresql</i>	8.3.7	8.4.1	http://code.google.com/p/sepgsql/
<i>sqlite</i>	3.6.12	3.6.17	http://www.sqlite.org/
<i>tokyotyrant</i>	new	1.1.34	http://1978th.net/tokyotyrant/
<i>virtuoso-opensource</i>	new	5.0.12	http://virtuoso.sourceforge.net/
<i>virtuoso-opensource-apps</i>	new	5.0.12	http://virtuoso.sourceforge.net/
<i>virtuoso-opensource-conductor</i>	new	5.0.12	http://virtuoso.sourceforge.net/
<i>virtuoso-opensource-utils</i>	new	5.0.12	http://virtuoso.sourceforge.net/
<i>xapian-core</i>	1.0.11	1.0.16	http://www.xapian.org/
<i>xbase-utils</i>	2.0.0	3.1.2	http://linux.techass.com/projects/xdb/

표 8. 응용-데이터베이스 모든 변경 사항

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8.2.5. 응용-에디터

패키지	구 버전	신 버전	업스트림 URL
<i>TeXmacs</i>	1.0.7.1	1.0.7.2	http://www.texmacs.org
<i>abiword</i>	2.6.8	2.8.1	http://www.abisource.com/
<i>avogadro</i>	0.9.3	1.0.0	http://avogadro.openmolecules.net/
<i>beacon</i>	new	0.5	http://fedoraproject.org/wiki/DocBook_Editor
<i>chemtool</i>	1.6.11	1.6.12	http://ruby.chemie.uni-freiburg.de/~martin/chemtool/chemtool.html
<i>ddskk</i>	12.2.0	13.1	http://openlab.ring.gr.jp/skk/main.html
<i>efte</i>	new	1.1	http://efte.cowgar.com
<i>emacs</i>	22.3	23.1	http://www.gnu.org/software/emacs/
<i>emacs-common</i>	22.3	23.1	http://www.gnu.org/software/emacs/
<i>emacs-common-ebib</i>	1.7.2	1.8.0	http://ebib.sourceforge.net/
<i>emacs-common-proofgeneral</i>	new	3.7.1	http://proofgeneral.inf.ed.ac.uk/
<i>emacs-ebib</i>	1.7.2	1.8.0	http://ebib.sourceforge.net/
<i>emacs-ebib-el</i>	1.7.2	1.8.0	http://ebib.sourceforge.net/
<i>emacs-el</i>	22.3	23.1	http://www.gnu.org/software/emacs/
<i>emacs-git</i>	1.6.2.2	1.6.5.2	http://git-scm.com/
<i>emacs-mercurial</i>	1.2.1	1.3.1	http://www.selenic.com/mercurial/
<i>emacs-mercurial-el</i>	1.2.1	1.3.1	http://www.selenic.com/mercurial/
<i>emacs-nox</i>	22.3	23.1	http://www.gnu.org/software/emacs/
<i>emacs-nxml-mode</i>	0.20041004	dropped	http://www.thaiopensource.com/nxml-mode/
<i>emacs-proofgeneral</i>	new	3.7.1	http://proofgeneral.inf.ed.ac.uk/

패키지	구 버전	신 버전	업스트림 URL
<i>emacs-proofgeneral-el</i>	new	3.7.1	http://proofgeneral.inf.ed.ac.uk/
<i>emacs-sdcc</i>	2.8.0	2.9.0	http://sdcc.sourceforge.net/
<i>emacs-vala</i>	0.5.7	0.7.5	http://live.gnome.org/Vala
<i>flpsed</i>	0.5.0	0.5.2	http://www.ecademix.com/JohannesHofmann/flpsed.html
<i>frescobaldi</i>	0.7.8	0.7.14	http://www.frescobaldi.org/
<i>gedit</i>	2.26.1	2.28.0	http://projects.gnome.org/gedit/
<i>gedit-latex-plugin</i>	0.1.3.2	0.2	http://live.gnome.org/Gedit/LaTeXPlugin
<i>gedit-vala</i>	0.4.1	0.5.0	http://code.google.com/p/vtg/
<i>kobby</i>	new	1.0	http://greghaynes.github.com/kobby/
<i>leafpad</i>	0.8.13	0.8.17	http://tarot.freeshell.org/leafpad/
<i>nano</i>	2.0.6	2.0.9	http://www.nano-editor.org
<i>nefte</i>	new	1.1	http://efte.cowgar.com
<i>peppy</i>	new	0.11.25	http://peppy.flipturn.org
<i>ruby-mode</i>	1.8.6.287	1.8.6.383	http://www.ruby-lang.org/
<i>vim-X11</i>	7.2.148	7.2.245	http://www.vim.org/
<i>vim-common</i>	7.2.148	7.2.245	http://www.vim.org/
<i>vim-enhanced</i>	7.2.148	7.2.245	http://www.vim.org/
<i>vim-minimal</i>	7.2.148	7.2.245	http://www.vim.org/
<i>vim-perl-support</i>	4.1	4.4	http://www.vim.org/scripts/script.php?script_id=556
<i>xemacs</i>	21.5.28	21.5.29	http://www.xemacs.org/
<i>xemacs-aplus-fsf-el</i>	new	4.22.4	http://www.aplusdev.org
<i>xemacs-common</i>	21.5.28	21.5.29	http://www.xemacs.org/

패키지	구 버전	신 버전	업스트림 URL
<i>xemacs-ebib</i>	1.7.2	1.8.0	http://ebib.sourceforge.net/
<i>xemacs-ebib-el</i>	1.7.2	1.8.0	http://ebib.sourceforge.net/
<i>xemacs-nox</i>	21.5.28	21.5.29	http://www.xemacs.org/
<i>xemacs-proofgeneral</i>	new	3.7.1	http://proofgeneral.inf.ed.ac.uk/
<i>xemacs-proofgeneral-el</i>	new	3.7.1	http://proofgeneral.inf.ed.ac.uk/
<i>xmlcopyeditor</i>	1.1.0.6	1.2.0.2	http://xml-copy-editor.sourceforge.net/
<i>xournal</i>	0.4.2.1	0.4.5	http://xournal.sourceforge.net/
<i>zile</i>	2.3.6	2.3.9	http://www.gnu.org/software/zile/

표 9. 응용-에디터 모든 변경 사항

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8.2.6. 응용-에뮬레이터

패키지	구 버전	신 버전	업스트림 URL
<i>atari++</i>	1.55	1.57	http://www.xl-project.com/
<i>cbios</i>	0.21	0.23	http://cbios.sourceforge.net/
<i>cbios-openmsx</i>	0.21	0.23	http://cbios.sourceforge.net/
<i>dosbox</i>	0.72	0.73	http://dosbox.sf.net
<i>fbzx</i>	new	2.1b	http://www.rastersoft.com/fbzx.html
<i>fuse-emulator</i>	0.10.0.1	0.10.0.2	http://fuse-emulator.sourceforge.net
<i>hatari</i>	1.2.0	1.3.1	http://hatari.berlios.de/
<i>ltsp-vmclient</i>	5.1.72	5.1.91	http://www.ltsp.org
<i>openbios-sparc</i>	new	1.0	http://www.openfirmware.info/OpenBIOS

패키지	구 버전	신 버전	업스트림 URL
<i>openbios-sparc64</i>	new	1.0	http://www.openfirmware.info/OpenBIOS
<i>openmsx</i>	0.6.3	0.7.2	http://openmsx.sourceforge.net
<i>scummvm</i>	0.13.0	0.13.1	http://scummvm.sourceforge.net/
<i>vgabios</i>	0.6	0.6b	http://www.nongnu.org/vgabios/
<i>virt-manager</i>	0.7.0	0.8.0	http://virt-manager.org/
<i>wine</i>	1.1.18	1.1.29	http://www.winehq.org/
<i>wine-common</i>	new	1.1.29	http://www.winehq.org/
<i>wine-core</i>	1.1.18	1.1.29	http://www.winehq.org/
<i>wine-desktop</i>	1.1.18	1.1.29	http://www.winehq.org/
<i>wine-fonts</i>	new	1.1.29	http://www.winehq.org/
<i>xenner</i>	0.46	0.47	http://kraxel.fedorapeople.org/xenner/

표 10. 응용-에뮬레이터 모든 변경사항

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8.2.7. 응용-엔지니어링

패키지	구 버전	신 버전	업스트림 URL
<i>GMT</i>	4.4.0	4.5.1	http://gmt.soest.hawaii.edu/
<i>GMT-coastlines</i>	1.10	2.0.1	http://gmt.soest.hawaii.edu/
<i>GMT-coastlines-all</i>	1.10	2.0.1	http://gmt.soest.hawaii.edu/
<i>GMT-coastlines-full</i>	1.10	2.0.1	http://gmt.soest.hawaii.edu/
<i>GMT-coastlines-high</i>	1.10	2.0.1	http://gmt.soest.hawaii.edu/
<i>GMT-common</i>	4.4.0	4.5.1	http://gmt.soest.hawaii.edu/
<i>Mayavi</i>	new	3.2.0	http://pypi.python.org/pypi/Mayavi/

패키지	구 버전	신 버전	업스트림 URL
<i>QtDMM</i>	new	0.8.12	http://www.mtoussaint.de/qtdmm.html
<i>R</i>	2.9.0	2.9.2	http://www.r-project.org
<i>R-AnnotationDbi</i>	new	1.6.1	http://bioconductor.org/packages/2.4/bioc/html/AnnotationDbi.html
<i>R-BSgenome</i>	new	1.12.3	http://bioconductor.org/packages/2.4/bioc/html/BSgenome.html
<i>R-BSgenome.Celegans.UCSC.ce2</i>	1.2.0	1.3.13	http://www.bioconductor.org/packages/2.4/data/annotation/html/BSgenome.Celegans.UCSC.ce2.html
<i>R-Biobase</i>	2.2.2	2.4.1	http://bioconductor.org/packages/2.4/bioc/html/Biobase.html
<i>R-Biostrings</i>	new	2.12.9	http://bioconductor.org/packages/2.4/bioc/html/Biostrings.html
<i>R-BufferedMatrix</i>	1.6.0	1.8.0	http://bioconductor.org/packages/release/bioc/html/BufferedMatrix.html
<i>R-GeneR</i>	2.13.1	2.14.0	http://www.bioconductor.org/packages/2.4/bioc/html/GeneR.html
<i>R-IRanges</i>	1.1.55	1.2.3	http://bioconductor.org/packages/2.4/bioc/html/IRanges.html
<i>R-RM2</i>	new	0.0	http://cran.r-project.org/web/packages/RM2/
<i>R-RUnit</i>	0.4.21	0.4.22	http://cran.r-project.org/web/packages/RUnit/index.html
<i>R-affy</i>	new	1.22.1	http://bioconductor.org/packages/2.4/bioc/html/affy.html
<i>R-affyio</i>	1.10.1	1.12.0	http://bioconductor.org/packages/2.4/bioc/html/affyio.html
<i>R-core</i>	2.9.0	2.9.2	http://www.r-project.org
<i>R-devel</i>	2.9.0	2.9.2	http://www.r-project.org

패키지	구 버전	신 버전	업스트림 URL
<i>R-hgu95av2probe</i>	2.0.0	2.4.0	http://www.bioconductor.org/packages/2.1/data/annotation/html/hgu95av2probe.html
<i>R-java</i>	2.9.0	2.9.2	http://www.r-project.org
<i>R-java-devel</i>	2.9.0	2.9.2	http://www.r-project.org
<i>R-mAr</i>	1.1	1.1.1	http://cran.r-project.org/contrib
<i>R-msm</i>	new	0.9.1	http://cran.r-project.org/web/packages/msm/
<i>R-multcomp</i>	1.0	1.1	http://cran.r-project.org/web/packages/multcomp/index.html
<i>R-preprocessCore</i>	new	1.6.0	http://bioconductor.org/packages/2.4/bioc/html/preprocessCore.html
<i>R-qtl</i>	1.10	1.14.2	http://www.rqtl.org/
<i>R-qvalue</i>	1.16.0	1.18.0	http://bioconductor.org/packages/2.4/bioc/html/qvalue.html
<i>R-systemfit</i>	1.0	1.1	http://r-forge.r-project.org/projects/systemfit/
<i>R-wavethresh</i>	2.2	2.2.11	http://cran.r-project.org/contrib/main/Descriptions/wavethresh.html
<i>alt-ergo</i>	0.8	0.9	http://alt-ergo.lri.fr
<i>apbs</i>	new	1.1.0	http://apbs.sourceforge.net/
<i>apbs-doc</i>	new	1.1.0	http://apbs.sourceforge.net/
<i>apbs-tools</i>	new	1.1.0	http://apbs.sourceforge.net/
<i>avrdude</i>	5.5	5.8	http://www.nongnu.org/avrdude
<i>bc</i>	1.06	1.06.95	http://www.gnu.org/software/bc/
<i>boinc-client</i>	6.4.7	6.6.37	http://boinc.berkeley.edu/
<i>boinc-manager</i>	6.4.7	6.6.37	http://boinc.berkeley.edu/

패키지	구 버전	신 버전	업스트림 URL
<i>coq</i>	8.1pl4	8.2pl1	http://coq.inria.fr/
<i>coq-coqide</i>	8.1pl4	8.2pl1	http://coq.inria.fr/
<i>coq-doc</i>	8.1pl4	8.2pl1	http://coq.inria.fr/
<i>coq-emacs</i>	8.1pl4	8.2pl1	http://coq.inria.fr/
<i>dinotrace</i>	new	9.4a	http://www.veripool.org/wiki/dinotrace
<i>eclib</i>	new	20080310	http://www.warwick.ac.uk/~masgaj/
<i>eclipse-texlipse</i>	new	1.3.0	http://texlipse.sourceforge.net
<i>eclipse-veditor</i>	new	0.6.3	http://veditor.sourceforge.net/
<i>electric</i>	8.08	8.09	http://www.staticfreesoft.com/
<i>elfelli</i>	new	0.3.1	http://home.gna.org/elfelli/
<i>emacs-gnuplot</i>	4.2.4	4.2.6	http://www.gnuplot.info/
<i>emacs-gnuplot-el</i>	4.2.4	4.2.6	http://www.gnuplot.info/
<i>eqntott</i>	new	9.0	http://code.google.com/p/eqntott
<i>espresso-ab</i>	new	1.0	http://code.google.com/p/eqntott
<i>extrema-doc</i>	new	4.3.6	http://exsitewebware.com/extrema/
<i>fet</i>	5.7.7	5.10.3	http://lalescu.ro/liviu/fet
<i>fityk</i>	0.8.1	0.8.8	http://fityk.sourceforge.net/
<i>freefem++</i>	3.0	3.5	http://www.freefem.org/ff++/index.htm
<i>freefem++-glx</i>	3.0	3.5	http://www.freefem.org/ff++/index.htm
<i>freefem++-mpi</i>	3.0	3.5	http://www.freefem.org/ff++/index.htm
<i>freehdl</i>	0.0.6	0.0.7	http://www.freehdl.seul.org/
<i>gabedit</i>	2.1.17	2.2.4	http://gabedit.sourceforge.net/home.html
<i>gausssum</i>	new	2.1.6	http://gausssum.sourceforge.net/

패키지	구 버전	신 버전	업스트림 URL
<i>gdpc</i>	new	2.2.5	http://www.frantz.fi/software/gdpc.php
<i>geda-gschem</i>	20081231	1.6.0	http://www.geda.seul.org
<i>geda-gsymcheck</i>	20081231	1.6.0	http://www.geda.seul.org
<i>geda-utils</i>	20081231	1.6.0	http://www.geda.seul.org
<i>genius</i>	1.0.3	1.0.7	http://www.jirka.org/genius.html
<i>genius-devel</i>	1.0.3	1.0.7	http://www.jirka.org/genius.html
<i>geos</i>	3.0.3	3.1.1	http://trac.osgeo.org/geos/
<i>gerbv</i>	2.2.0	2.3.0	http://gerbv.gpleda.org/index.html
<i>gmp-ecm</i>	6.2.1	6.2.3	http://gforge.inria.fr/projects/ecm/
<i>gnome-chemistry-utils</i>	0.10.4	0.10.8	http://www.nongnu.org/gchemutils/
<i>gnome-genius</i>	1.0.3	1.0.7	http://www.jirka.org/genius.html
<i>gnuplot</i>	4.2.4	4.2.6	http://www.gnuplot.info/
<i>gnuplot-common</i>	4.2.4	4.2.6	http://www.gnuplot.info/
<i>gnuplot-doc</i>	4.2.4	4.2.6	http://www.gnuplot.info/
<i>gnuplot-latex</i>	new	4.2.6	http://www.gnuplot.info/
<i>gnuplot-minimal</i>	4.2.4	4.2.6	http://www.gnuplot.info/
<i>gnuradio</i>	3.1.3	3.2.2	http://www.gnuradio.org
<i>gnuradio-devel</i>	3.1.3	3.2.2	http://www.gnuradio.org
<i>gnuradio-doc</i>	3.1.3	3.2.2	http://www.gnuradio.org
<i>gnuradio-examples</i>	3.1.3	3.2.2	http://www.gnuradio.org
<i>gnusim8085</i>	new	1.3.5	http://gnusim8085.sourceforge.net
<i>gonvert</i>	0.2.19	0.2.20	http://unihedron.com/projects/gonvert
<i>gtkwave</i>	3.2.1	3.2.3	http://gtkwave.sourceforge.net/
<i>healpy</i>	new	0.9.6.1	http://code.google.com/p/healpy/
<i>kicad</i>	2007.07.09	2009.07.07	http://www.lis.inpg.fr/realise_au_lis/kicad/

패키지	구 버전	신 버전	업스트림 URL
<i>kicad-doc</i>	new	2009.07.07	http://www.lis.inpg.fr/realise_au_lis/kicad/
<i>kst</i>	1.7.0	1.8.0	http://kst.kde.org/
<i>kst-devel</i>	1.7.0	1.8.0	http://kst.kde.org/
<i>kst-docs</i>	1.7.0	1.8.0	http://kst.kde.org/
<i>kst-fits</i>	1.7.0	1.8.0	http://kst.kde.org/
<i>kst-getdata</i>	new	1.8.0	http://kst.kde.org/
<i>kst-netcdf</i>	1.7.0	1.8.0	http://kst.kde.org/
<i>linsmith</i>	0.99.11	0.99.12	http://jccoppens.com/soft/linsmith/index.en.php
<i>magic</i>	7.5.169	8.0.54	http://opencircuitdesign.com/magic/index.html
<i>maloc</i>	new	0.2	http://www.fetk.org
<i>mapnik</i>	0.5.2	0.6.1	http://mapnik.org/
<i>maxima</i>	5.17.1	5.19.2	http://maxima.sourceforge.net/
<i>maxima-gui</i>	5.17.1	5.19.2	http://maxima.sourceforge.net/
<i>maxima-runtime-clisp</i>	5.17.1	5.19.2	http://maxima.sourceforge.net/
<i>maxima-runtime-cmucl</i>	5.17.1	5.19.2	http://maxima.sourceforge.net/
<i>maxima-runtime-sbcl</i>	5.17.1	5.19.2	http://maxima.sourceforge.net/
<i>maxima-src</i>	5.17.1	5.19.2	http://maxima.sourceforge.net/
<i>mcu8051ide</i>	new	1.1	http://mcu8051ide.sourceforge.net
<i>mrpt-apps</i>	0.6.5	0.7.1	http://babel.isa.uma.es/mrpt/
<i>ncl</i>	5.1.0	5.1.1	http://www.ncl.ucar.edu
<i>ncl-common</i>	5.1.0	5.1.1	http://www.ncl.ucar.edu
<i>nco</i>	3.9.7	3.9.8	http://nco.sourceforge.net/
<i>netcdf</i>	4.0.0	4.0.1	http://my.unidata.ucar.edu/content/software/netcdf/index.html
<i>ngspice</i>	18	19	http://ngspice.sourceforge.net/

패키지	구 버전	신 버전	업스트림 URL
<i>octave</i>	3.0.5	3.2.3	http://www.octave.org
<i>octave-forge</i>	20080831	20090607	http://octave.sourceforge.net
<i>openscada</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-ARH-DBArch</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-ARH-FSArch</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-DAQ-BlockCalc</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-DAQ-DCON</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-DAQ-Gate</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-DAQ-JavaLikeCalc</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-DAQ-LogicLevel</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-DAQ-ModBus</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-DAQ-SNMP</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-DAQ-Siemens</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-DAQ-Soundcard</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-DAQ-System</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-DB-DBF</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-DB-MySQL</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-DB-SQLite</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-Protocol-HTTP</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-Protocol-SelfSystem</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-Special-FlibComplex1</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-Special-FlibMath</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-Special-FlibSys</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-Special-SystemTests</i>	new	0.6.4	http://oscada.org.ua

패키지	구 버전	신 버전	업스트림 URL
<i>openscada-Transport-SSL</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-Transport-Serial</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-Transport-Sockets</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-UI-QTCfg</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-UI-QTStarter</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-UI-WebCfg</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-UI-WebCfgd</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-UI-WebVision</i>	new	0.6.4	http://oscada.org.ua
<i>openscada-demo</i>	new	0.6.4	http://oscada.org.ua
<i>orpie</i>	1.5.1	dropped	http://www.eecs.umich.edu/~pelzlpj/orpie/
<i>orsa-lam</i>	new	0.7.0	http://orsa.sourceforge.net
<i>orsa-mpich2</i>	new	0.7.0	http://orsa.sourceforge.net
<i>orsa-openmpi</i>	new	0.7.0	http://orsa.sourceforge.net
<i>paraview</i>	3.4.0	3.6.1	http://www.paraview.org/
<i>paraview-data</i>	3.4.0	3.6.1	http://www.paraview.org/
<i>paraview-devel</i>	3.4.0	3.6.1	http://www.paraview.org/
<i>paraview-doc</i>	3.4.0	3.6.1	http://www.paraview.org/
<i>paraview-mpi</i>	3.4.0	3.6.1	http://www.paraview.org/
<i>pdfposter</i>	new	0.5.0	http://pdfposter.origo.ethz.ch/
<i>perl-Verilog</i>	3.121	3.212	http://www.veripool.org/wiki/verilog-perl
<i>picviz</i>	0.5	0.6	http://www.wallinfire.net/picviz

패키지	구 버전	신 버전	업스트림 URL
<i>picviz-gui</i>	0.5	0.6	http://www.wallinfire.net/picviz
<i>picviz-plugin-pngcairo</i>	0.5	0.6	http://www.wallinfire.net/picviz
<i>pplot</i>	5.9.2	5.9.5	http://pplot.sourceforge.net/
<i>polyxmass-bin</i>	0.9.7	0.9.8	http://packages.debian.org/stable/science/polyxmass-bin
<i>pspp</i>	0.6.1	0.6.2	http://www.gnu.org/software/pspp/
<i>pygrace</i>	0.3	0.4	http://www.its.caltech.edu/~mmckerns/software.html
<i>python-altgraph</i>	new	0.6.7	http://undefined.org/python/#altgraph
<i>python-upoints</i>	new	0.11.0	http://www.jnrowe.ukfsn.org/projects/upoints.html
<i>qelectrotech</i>	new	0.20	http://qelectrotech.org/
<i>qgis</i>	1.0.1	1.0.2	http://qgis.org/
<i>qgis-grass</i>	1.0.1	1.0.2	http://qgis.org/
<i>qgis-python</i>	1.0.1	1.0.2	http://qgis.org/
<i>qgis-theme-classic</i>	1.0.1	1.0.2	http://qgis.org/
<i>qgis-theme-gis</i>	1.0.1	1.0.2	http://qgis.org/
<i>qgis-theme-nkids</i>	1.0.1	1.0.2	http://qgis.org/
<i>qucs</i>	0.0.14	0.0.15	http://qucs.sourceforge.net/
<i>roundup</i>	1.4.6	1.4.10	http://roundup.sourceforge.net/
<i>samtools</i>	new	0.1.5c	http://samtools.sourceforge.net/
<i>scidavis</i>	0.2.1	0.2.3	http://scidavis.sourceforge.net/
<i>scitools</i>	0.4	0.6	http://code.google.com/p/scitools/
<i>scitools-extras</i>	0.4	0.6	http://code.google.com/p/scitools/

패키지	구 버전	신 버전	업스트림 URL
<i>sdcc</i>	2.8.0	2.9.0	http://sdcc.sourceforge.net/
<i>sdcc-libc-sources</i>	2.8.0	2.9.0	http://sdcc.sourceforge.net/
<i>tachyon</i>	0.98.1	0.98.7	http://jedi.ks.uiuc.edu/~johns/raytracer/
<i>tachyon-gl</i>	0.98.1	0.98.7	http://jedi.ks.uiuc.edu/~johns/raytracer/
<i>tachyon-lam</i>	0.98.1	0.98.7	http://jedi.ks.uiuc.edu/~johns/raytracer/
<i>tachyon-lam-gl</i>	0.98.1	0.98.7	http://jedi.ks.uiuc.edu/~johns/raytracer/
<i>tclspice</i>	new	19	http://ngspice.sourceforge.net/
<i>toped</i>	0.9.2	0.9.5	http://www.toped.org.uk
<i>towhee</i>	new	6.2.6	http://towhee.sourceforge.net/
<i>towhee-common</i>	new	6.2.6	http://towhee.sourceforge.net/
<i>towhee-doc</i>	new	6.2.6	http://towhee.sourceforge.net/
<i>towhee-examples</i>	new	6.2.6	http://towhee.sourceforge.net/
<i>towhee-mpi</i>	new	6.2.6	http://towhee.sourceforge.net/
<i>ugene</i>	new	1.5.1	http://ugene.unipro.ru
<i>usrp</i>	3.1.3	3.2.2	http://www.gnuradio.org
<i>usrp-devel</i>	3.1.3	3.2.2	http://www.gnuradio.org
<i>verilator</i>	new	3.712	http://www.veripool.com/verilator.html
<i>vtk-examples</i>	5.2.1	5.4.2	http://vtk.org/
<i>vtk-testing</i>	5.2.1	5.4.2	http://vtk.org/
<i>wannier90</i>	new	1.1	http://wannier.org/
<i>wgrib</i>	1.8.0.12u	1.8.0.13d	http://www.cpc.ncep.noaa.gov/products/wesley/wgrib.html
<i>wgrib2</i>	1.7.8g	1.8.1	http://www.cpc.ncep.noaa.gov/products/wesley/wgrib2/

패키지	구 버전	신 버전	업스트림 URL
<i>wxMaxima</i>	0.7.6	0.8.3a	http://wxmaxima.sourceforge.net/
<i>xcircuit</i>	3.4.30	3.6.161	http://opencircuitdesign.com/xcircuit
<i>xdrfile</i>	new	1.1	http://oldwiki.gromacs.org/index.php/XTC_Library
<i>xgridedit</i>	4.4.0	4.5.1	http://gmt.soest.hawaii.edu/
<i>xpa</i>	2.1.8	2.1.10	http://hea-www.harvard.edu/RD/xpa/

표 11. 응용-엔지니어링 모든 변경 사항

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8.2.8. 응용-파일

패키지	구 버전	신 버전	업스트림 URL
<i>MiniCopier</i>	new	0.4	http://a.courreges.free.fr/projets/minicopier/minicopier-en.php
<i>asunder</i>	1.6.2	1.9	http://littlesvr.ca/asunder
<i>cksfv</i>	1.3.13	1.3.14	http://zakalwe.fi/~shd/foss/cksfv
<i>clamav</i>	0.95.1	0.95.2	http://www.clamav.net
<i>clamav-data</i>	0.95.1	0.95.2	http://www.clamav.net
<i>clamav-data-empty</i>	0.95.1	0.95.2	http://www.clamav.net
<i>clamav-filesystem</i>	0.95.1	0.95.2	http://www.clamav.net
<i>clamav-update</i>	0.95.1	0.95.2	http://www.clamav.net
<i>emelfm2</i>	0.5.1	0.6.2	http://emelfm2.net/
<i>findutils</i>	4.4.0	4.4.2	http://www.gnu.org/software/findutils/
<i>fslint</i>	2.28	2.40	http://www.pixelbeat.org/fslint/
<i>gifsicle</i>	1.52	1.55	http://www.lcdf.org/gifsicle/

패키지	구 버전	신 버전	업스트림 URL
<i>gifview</i>	1.52	1.55	http://www.lcdf.org/gifsicle/
<i>glusterfs-client</i>	2.0.0	2.0.6	http://www.gluster.org/
<i>gnome-commander</i>	1.2.8	1.3	http://www.nongnu.org/gcmd/
<i>gnome-do</i>	0.8.1.3	0.8.2	http://do.davebsd.com/
<i>gnomecatalog</i>	0.3.4	0.3.4.2	http://gnomecatalog.sourceforge.net/
<i>lzip</i>	1.4	1.7	http://www.nongnu.org/lzip/lzip.html
<i>mbuffer</i>	20080507	20090628	http://www.maier-komor.de/mbuffer.html
<i>md5deep</i>	3.1	3.4	http://md5deep.sf.net/
<i>ncdu</i>	1.4	1.5	http://dev.yorhel.nl/ncdu/
<i>nfoview</i>	new	1.8	http://home.gna.org/nfoview/
<i>openbabel</i>	2.2.1	2.2.3	http://openbabel.org/
<i>tesseract</i>	2.03	2.04	http://code.google.com/p/tesseract-ocr/
<i>tuxcmd</i>	0.6.62	0.6.69	http://tuxcmd.sourceforge.net/
<i>tuxcmd-gvfs</i>	0.6.62	0.6.69	http://tuxcmd.sourceforge.net/
<i>tuxcmd-modules</i>	0.6.62	0.6.69	http://tuxcmd.sourceforge.net/
<i>xz</i>	new	4.999.9	http://tukaani.org/xz/

표 12. 응용-파일 모든 변경 사항

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8.2.9. 응용-인터넷

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<i>NetworkManager-gnome</i>	0.7.1	0.7.996	http://www.gnome.org/projects/NetworkManager/
<i>WebShell</i>	new	0.9.6	http://www-personal.umich.edu/~mressl/webshell/index.html

패키지	구 버전	신 버전	업스트림 URL
<i>anyterm</i>	new	1.1.29	http://anyterm.org
<i>anyterm-httpd</i>	new	1.1.29	http://anyterm.org
<i>apcupsd-cgi</i>	3.14.5	3.14.7	http://www.apcupsd.com
<i>aria2</i>	1.3.1	1.6.3	http://aria2.sourceforge.net/
<i>arora</i>	0.6	0.10.1	http://code.google.com/p/arora/
<i>arora-gnome</i>	new	0.10.1	http://code.google.com/p/arora/
<i>asterisk</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-ais</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-alsa</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-curl</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-dahdi</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-fax</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-festival</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-firmware</i>	1.6.1	dropped	http://www.asterisk.org/
<i>asterisk-ices</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-jabber</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-jack</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-ldap</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-ldap-fds</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-lua</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-minivm</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-misdn</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-mobile</i>	1.6.1	dropped	http://www.asterisk.org/
<i>asterisk-odbc</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-oss</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-portaudio</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-postgresql</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-radius</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-skinny</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-snmp</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-sounds-core-en</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-en-alaw</i>	1.4.15	1.4.16	http://www.asterisk.org/

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<i>asterisk-sounds-core-en-g722</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-en-g729</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-en-gsm</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-en-siren14</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-en-siren7</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-en-sln16</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-en-ulaw</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-en-wav</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-es</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-es-alaw</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-es-g722</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-es-g729</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-es-gsm</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-es-siren14</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-es-siren7</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-es-sln16</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-es-ulaw</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-es-wav</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-fr</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-fr-alaw</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-fr-g722</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-fr-g729</i>	1.4.15	1.4.16	http://www.asterisk.org/

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<i>asterisk-sounds-core-fr-gsm</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-fr-siren14</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-fr-siren7</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-fr-sln16</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-fr-ulaw</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sounds-core-fr-wav</i>	1.4.15	1.4.16	http://www.asterisk.org/
<i>asterisk-sqlite</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-tds</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-unistim</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-usbradio</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-voicemail</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-voicemail-imap</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-voicemail-odbc</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>asterisk-voicemail-plain</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>axel</i>	new	2.4	http://axel.alioth.debian.org/
<i>azureus</i>	4.0.0.4	4.2.0.8	http://azureus.sourceforge.net
<i>balsa</i>	2.3.28	2.4.1	http://pawsa.fedorapeople.org/balsa/
<i>bareftp</i>	new	0.2.3	http://www.bareftp.org/
<i>beldi</i>	0.9.24	0.9.25	http://belug.de/~beldi/
<i>bip</i>	0.8.0	0.8.2	http://bip.t1r.net
<i>bodhi-client</i>	0.5.19	0.6.1	https://fedorahosted.org/bodhi
<i>bodhi-server</i>	0.5.19	0.6.1	https://fedorahosted.org/bodhi
<i>bogofilter</i>	1.1.7	1.2.0	http://bogofilter.sourceforge.net/
<i>bogofilter-bogoupgrade</i>	1.1.7	1.2.0	http://bogofilter.sourceforge.net/
<i>bti</i>	015	023	http://www.kernel.org/pub/linux/kernel/people/gregkh/bti

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<i>callweaver</i>	1.2.0.1	1.2.1	http://www.callweaver.org/
<i>callweaver-alsa</i>	1.2.0.1	1.2.1	http://www.callweaver.org/
<i>callweaver-bluetooth</i>	1.2.0.1	1.2.1	http://www.callweaver.org/
<i>callweaver-capi</i>	1.2.0.1	1.2.1	http://www.callweaver.org/
<i>callweaver-devel</i>	1.2.0.1	1.2.1	http://www.callweaver.org/
<i>callweaver-jabber</i>	1.2.0.1	1.2.1	http://www.callweaver.org/
<i>callweaver-javascript</i>	1.2.0.1	1.2.1	http://www.callweaver.org/
<i>callweaver-ldap</i>	1.2.0.1	1.2.1	http://www.callweaver.org/
<i>callweaver-misdn</i>	1.2.0.1	1.2.1	http://www.callweaver.org/
<i>callweaver-mysql</i>	1.2.0.1	1.2.1	http://www.callweaver.org/
<i>callweaver-ogi</i>	1.2.0.1	1.2.1	http://www.callweaver.org/
<i>callweaver-postgresql</i>	1.2.0.1	1.2.1	http://www.callweaver.org/
<i>callweaver-zaptel</i>	1.2.0.1	1.2.1	http://www.callweaver.org/
<i>canto</i>	new	0.7.4	http://codezen.org/canto/
<i>centerim</i>	4.22.6	4.22.8	http://www.centerim.org/
<i>cherokee</i>	0.99.0	0.99.24	http://www.cherokee-project.com/
<i>choqok</i>	0.5	0.6.6	http://choqok.gnufolks.org/
<i>claws-mail</i>	3.7.1	3.7.3	http://claws-mail.org
<i>claws-mail-plugins</i>	3.7.1	3.7.3	http://claws-mail.org
<i>claws-mail-plugins-acpi-notifier</i>	3.7.1	3.7.3	http://claws-mail.org
<i>claws-mail-plugins-archive</i>	3.7.1	3.7.3	http://claws-mail.org
<i>claws-mail-plugins-att-remover</i>	3.7.1	3.7.3	http://claws-mail.org

패키지	구 버전	신 버전	업스트림 URL
<i>claws-mail-plugins-attachwarner</i>	3.7.1	3.7.3	http://claws-mail.org
<i>claws-mail-plugins-bogofilter</i>	3.7.1	3.7.3	http://claws-mail.org
<i>claws-mail-plugins-cachesaver</i>	3.7.1	3.7.3	http://claws-mail.org
<i>claws-mail-plugins-dillo</i>	3.7.1	3.7.3	http://claws-mail.org
<i>claws-mail-plugins-fancy</i>	new	3.7.3	http://claws-mail.org
<i>claws-mail-plugins-fetchinfo</i>	3.7.1	3.7.3	http://claws-mail.org
<i>claws-mail-plugins-gtkhtml2-viewer</i>	3.7.1	3.7.3	http://claws-mail.org
<i>claws-mail-plugins-mailmbox</i>	3.7.1	3.7.3	http://claws-mail.org
<i>claws-mail-plugins-newmail</i>	3.7.1	3.7.3	http://claws-mail.org
<i>claws-mail-plugins-notification</i>	3.7.1	3.7.3	http://claws-mail.org
<i>claws-mail-plugins-perl</i>	3.7.1	3.7.3	http://claws-mail.org
<i>claws-mail-plugins-pgp</i>	3.7.1	3.7.3	http://claws-mail.org
<i>claws-mail-plugins-rssyl</i>	3.7.1	3.7.3	http://claws-mail.org
<i>claws-mail-plugins-smime</i>	3.7.1	3.7.3	http://claws-mail.org
<i>claws-mail-plugins-spam-report</i>	3.7.1	3.7.3	http://claws-mail.org
<i>claws-mail-plugins-spamassassin</i>	3.7.1	3.7.3	http://claws-mail.org
<i>claws-mail-plugins-synce</i>	3.7.1	3.7.3	http://claws-mail.org
<i>claws-mail-plugins-tnef</i>	3.7.1	3.7.3	http://claws-mail.org
<i>claws-mail-plugins-vcalendar</i>	3.7.1	3.7.3	http://claws-mail.org
<i>climm</i>	0.6.4	0.7	http://www.climm.org/
<i>comgt</i>	0.32	dropped	http://sourceforge.net/projects/comgt
<i>cone</i>	0.75	0.78	http://www.courier-mta.org/cone/
<i>conspy</i>	1.5	1.7	http://ace-host.stuart.id.au/russell/files/conspy/

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<i>curl</i>	7.19.4	7.19.6	http://curl.haxx.se/
<i>daemonize</i>	new	1.5.6	http://www.clapper.org/software/daemonize/
<i>debmirror</i>	20070123	20090807	http://packages.qa.debian.org/d/debmirror.html
<i>deluge</i>	1.1.6	1.1.9	http://deluge-torrent.org/
<i>deluge-flags</i>	new	1.1.9	http://deluge-torrent.org/
<i>deskbar-applet</i>	2.26.0	2.27.90	http://live.gnome.org/DeskbarApplet
<i>emesene</i>	1.0.1	1.5.1	http://emesene.org
<i>epiphany</i>	2.26.1	2.28.1	http://www.gnome.org/projects/epiphany/
<i>epiphany-extensions</i>	2.26.1	2.28.1	http://www.gnome.org/projects/epiphany/extensions
<i>esc</i>	1.0.1	1.1.0	http://directory.fedora.redhat.com/wiki/CoolKey
<i>evolution-rspam</i>	0.0.8	0.0.10	http://gnome.eu.org/evo/index.php/Report_as_Spam
<i>evolution-rss</i>	0.1.2	0.1.4	http://gnome.eu.org/evo/index.php/Evolution_RSS_Reader_Plugin
<i>fetchmail</i>	6.3.9	6.3.11	http://fetchmail.berlios.de/
<i>filezilla</i>	3.2.4.1	3.2.8.1	http://filezilla-project.org/
<i>finch</i>	2.5.5	2.6.3	http://pidgin.im/
<i>finch-devel</i>	2.5.5	2.6.3	http://pidgin.im/
<i>firefox</i>	3.5	3.5.4	http://www.mozilla.org/projects/firefox/
<i>fpaste</i>	new	0.3.4	https://fedorahosted.org/fpaste/
<i>gajim</i>	0.12.1	0.12.5	http://gajim.org/
<i>getmail</i>	4.9.0	4.11.0	http://pyropus.ca/software/getmail/
<i>gget-epiphany-extension</i>	0.0.4	dropped	http://live.gnome.org/GGet

패키지	구 버전	신 버전	업스트림 URL
<i>globus-gass-copy-progs</i>	new	4.14	http://www.globus.org/
<i>globus-gsi-cert-utils-progs</i>	new	5.5	http://www.globus.org/
<i>globus-gss-assist-progs</i>	new	4.0	http://www.globus.org/
<i>globus-openssl-progs</i>	new	3.0	http://www.globus.org/
<i>globus-proxy-utils</i>	new	2.5	http://www.globus.org/
<i>globus-rls-client-progs</i>	new	5.1	http://www.globus.org/
<i>globus-rls-server</i>	new	4.7	http://www.globus.org/
<i>glpi</i>	0.71.5	0.72.2.1	http://www.glpi-project.org/
<i>glpi-data-injection</i>	1.4.0	1.7.0	http://www.glpi-project.org/
<i>glpi-mass-ocs-import</i>	1.2.2	1.3.0	http://www.glpi-project.org/
<i>glpi-pdf</i>	0.5	0.6.1	http://www.glpi-project.org/
<i>gnash-plugin</i>	0.8.5	0.9.0	http://www.gnu.org/software/gnash/
<i>gnaughty</i>	new	1.2.0	http://gnaughty.sourceforge.net
<i>gnome-web-photo</i>	0.7	0.9	http://download.gnome.org/sources/gnome-web-photo/0.9/
<i>gnubiff</i>	2.2.10	2.2.11	http://gnubiff.sourceforge.net/
<i>gwget</i>	1.0.1	1.0.4	http://gnome.org/projects/gwget
<i>gwget-epiphany-extension</i>	1.0.1	1.0.4	http://gnome.org/projects/gwget
<i>gwibber</i>	0.9.1	1.2.0	https://launchpad.net/gwibber
<i>gyachi</i>	1.1.61	1.2.1	http://gyachi.sourceforge.net
<i>gyachi-YMlike-theme</i>	1.1.61	1.2.1	http://gyachi.sourceforge.net
<i>gyachi-pidgy-theme</i>	1.1.61	1.2.1	http://gyachi.sourceforge.net
<i>gyachi-plugin-alsa</i>	1.1.61	1.2.1	http://gyachi.sourceforge.net

패키지	구 버전	신 버전	업스트림 URL
<i>gyachi-plugin-blowfish</i>	1.1.61	1.2.1	http://gyachi.sourceforge.net
<i>gyachi-plugin-gpgme</i>	1.1.61	1.2.1	http://gyachi.sourceforge.net
<i>gyachi-plugin-gtkspell</i>	1.1.61	1.2.1	http://gyachi.sourceforge.net
<i>gyachi-plugin-libnotify</i>	1.1.61	1.2.1	http://gyachi.sourceforge.net
<i>gyachi-plugin-mcrypt</i>	1.1.61	1.2.1	http://gyachi.sourceforge.net
<i>gyachi-plugin-pulseaudio</i>	1.1.61	1.2.1	http://gyachi.sourceforge.net
<i>gyachi-recre8-theme</i>	1.1.61	1.2.1	http://gyachi.sourceforge.net
<i>hosts3d</i>	0.98	1.03	http://hosts3d.sourceforge.net/
<i>hosts3d-sampler</i>	0.98	1.03	http://hosts3d.sourceforge.net/
<i>httping</i>	1.2.9	1.3.1	http://www.vanheusden.com/httping/
<i>ikiwiki</i>	3.09	3.14159265	http://ikiwiki.info/
<i>ikiwiki-w3m</i>	3.09	3.14159265	http://ikiwiki.info/
<i>iksemel-utils</i>	1.3	1.4	http://code.google.com/p/iksemel/
<i>imapsync</i>	1.255	1.286	http://freshmeat.net/projects/imapsync/
<i>imp</i>	4.2	4.3.4	http://www.horde.org/
<i>ipplan</i>	new	4.92	http://iptrack.sourceforge.net/
<i>iptux</i>	new	0.5.0	http://code.google.com/p/iptux/
<i>iwak</i>	new	2.5	http://www.benhur.prf.cuni.cz/medved-7/wydobitki/?path=iwak
<i>jd</i>	2.4.0	2.4.2	http://jd4linux.sourceforge.jp/
<i>jetty</i>	5.1.14	6.1.20	http://jetty.mortbay.org/jetty/
<i>jnettop</i>	new	0.13.0	http://jnettop.kubs.info/wiki/
<i>kadu</i>	0.6.5	0.6.5.2	http://www.kadu.net

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<i>kadu-anonymous_check</i>	0.6.5	0.6.5.2	http://www.kadu.net
<i>kadu-globalhotkeys</i>	0.6.5	0.6.5.2	http://www.kadu.net
<i>kadu-led_notify</i>	0.6.5	0.6.5.2	http://www.kadu.net
<i>kadu-mail</i>	0.6.5	0.6.5.2	http://www.kadu.net
<i>kadu-mime_tex</i>	0.6.5	0.6.5.2	http://www.kadu.net
<i>kadu-osd_hints</i>	0.6.5	0.6.5.2	http://www.kadu.net
<i>kadu-panelkadu</i>	0.6.5	0.6.5.2	http://www.kadu.net
<i>kadu-plus_pl_sms</i>	0.6.5	0.6.5.2	http://www.kadu.net
<i>kadu-powerkadu</i>	0.6.5	0.6.5.2	http://www.kadu.net
<i>kadu-senthistory</i>	0.6.5	0.6.5.2	http://www.kadu.net
<i>kadu-split_messages</i>	0.6.5	0.6.5.2	http://www.kadu.net
<i>kadu-tabs</i>	0.6.5	0.6.5.2	http://www.kadu.net
<i>kazehakase</i>	0.5.6	0.5.8	http://kazehakase.sourceforge.jp/
<i>kazehakase-base</i>	0.5.6	0.5.8	http://kazehakase.sourceforge.jp/
<i>kazehakase-hyperestraier</i>	0.5.6	0.5.8	http://kazehakase.sourceforge.jp/
<i>kazehakase-ruby</i>	0.5.6	0.5.8	http://kazehakase.sourceforge.jp/
<i>kazehakase-webkit</i>	0.5.6	0.5.8	http://kazehakase.sourceforge.jp/
<i>kde-plasma-ktorrent</i>	new	3.2.5	http://ktorrent.org/
<i>kde-plasma-networkmanagement</i>	0.1	0.9	http://websvn.kde.org/trunk/playground/base/plasma/applets/networkmanager/
<i>kdenetwork</i>	4.2.2	4.3.2	http://www.kde.org
<i>kismet</i>	0.0.2008.05.R1	0.0.2009.06.R1	http://www.kismetwireless.net/
<i>kismet-plugins</i>	new	0.0.2009.06.R1	http://www.kismetwireless.net/
<i>kmess</i>	new	2.0	http://www.kmess.org
<i>knetstats</i>	1.6.1	1.6.2	http://knetstats.sourceforge.net/
<i>knetworkmanager</i>	new	0.9	http://websvn.kde.org/trunk/playground/base/plasma/applets/networkmanager/

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<i>knetworkmanager-openvpn</i>	new	0.9	http://websvn.kde.org/trunk/playground/base/plasma/applets/networkmanager/
<i>knetworkmanager-vpnc</i>	new	0.9	http://websvn.kde.org/trunk/playground/base/plasma/applets/networkmanager/

표 13. 응용-인터넷 모든 변경 사항

패키지	구 버전	신 버전	업스트림 URL
<i>konq-plugins</i>	4.2.2	4.3.1	http://extragear.kde.org
<i>konversation</i>	1.1	1.2	http://konversation.kde.org/
<i>ktorrent</i>	3.2.1	3.2.5	http://ktorrent.org/
<i>ladvd</i>	0.6.1	0.8	http://www.blinkenlights.nl/software/ladvd/
<i>leafnode</i>	1.11.6	1.11.7	http://www.leafnode.org
<i>lekhonee</i>	0.2.1	0.7	http://fedorahosted.org/lekhonee
<i>lekhonee-gnome</i>	new	0.7	http://fedorahosted.org/lekhonee
<i>lftp</i>	3.7.7	4.0.0	http://lftp.yar.ru/
<i>lftp-scripts</i>	new	4.0.0	http://lftp.yar.ru/
<i>libpurple</i>	2.5.5	2.6.3	http://pidgin.im/
<i>libpurple-devel</i>	2.5.5	2.6.3	http://pidgin.im/
<i>libpurple-perl</i>	2.5.5	2.6.3	http://pidgin.im/
<i>libpurple-tcl</i>	2.5.5	2.6.3	http://pidgin.im/
<i>liferea</i>	1.4.26	1.6.0	http://liferea.sourceforge.net/
<i>mantis</i>	1.1.6	1.1.8	http://www.mantisbt.org/
<i>mantis-config-httpd</i>	1.1.6	1.1.8	http://www.mantisbt.org/
<i>mausezahn</i>	new	0.34.9	http://www.perihel.at/sec/mz/
<i>mb2md</i>	new	3.20	http://batleth.sapientisat.org/projects/mb2md
<i>mediawiki-CategoryTree</i>	new	45462	http://www.mediawiki.org/wiki/Extension:CategoryTree

패키지	구 버전	신 버전	업스트림 URL
<i>mediawiki-HTTP302Found</i>	new	1.0	http://www.mediawiki.org/wiki/Extension:HTTP302Found
<i>mediawiki-InputBox</i>	new	0	http://www.mediawiki.org/wiki/Extension:InputBox
<i>mediawiki-Renameuser</i>	new	0	http://www.mediawiki.org/wiki/Extension:Renameuser
<i>mediawiki-rss</i>	new	1.5	http://www.mediawiki.org/wiki/Extension:RSS
<i>mediawiki-wikicalendar</i>	1.15	1.16	http://code.google.com/p/wikicalendar/
<i>midori</i>	0.1.5	0.2.0	http://software.twotoasts.de/?page=midori
<i>miredo-client</i>	new	1.1.7	http://www.simpnalempin.com/dev/miredo/
<i>miredo-libs</i>	new	1.1.7	http://www.simpnalempin.com/dev/miredo/
<i>miredo-server</i>	new	1.1.7	http://www.simpnalempin.com/dev/miredo/
<i>mirrormanager</i>	1.2.11	1.3.0	http://fedorahosted.org/mirrormanager
<i>mirrormanager-client</i>	1.2.11	1.3.0	http://fedorahosted.org/mirrormanager
<i>mitter</i>	0.4.3	0.4.5	http://code.google.com/p/mitter/
<i>moin</i>	1.8.2	1.8.5	http://moinmo.in/
<i>mojito</i>	new	0.21.5	http://moblin.org/projects/mojito
<i>monit</i>	4.10.1	5.0.3	http://www.tildeslash.com/monit
<i>mozilla-adblockplus</i>	new	1.1.1	http://adblockplus.org/
<i>mozilla-opensc-signer</i>	0.11.7	0.11.9	http://www.opensc-project.org/opensc/

패키지	구 버전	신 버전	업스트림 URL
<i>mozplugger</i>	1.10.1	1.12.1	http://mozplugger.mozdev.org/
<i>mozvoikko</i>	0.9.7	1.0	http://voikko.sourceforge.net
<i>mpop</i>	1.0.17	1.0.18	http://mpop.sourceforge.net/
<i>mr</i>	0.39	0.43	http://kitenet.net/~joey/code/mr/
<i>mulk</i>	new	0.4.1	http://mulk.sourceforge.net
<i>mumble</i>	new	1.1.8	http://mumble.sourceforge.net/
<i>mumble-overlay</i>	new	1.1.8	http://mumble.sourceforge.net/
<i>mumble-protocol</i>	new	1.1.8	http://mumble.sourceforge.net/
<i>mutt</i>	1.5.19	1.5.20	http://www.mutt.org/
<i>netdisco</i>	new	0.95	http://netdisco.org/
<i>nethogs</i>	0.7	0.7.0	http://nethogs.sourceforge.net
<i>network-manager-netbook</i>	new	1.3.1	http://projects.gnome.org/NetworkManager/
<i>nfswatch</i>	4.99.9	4.99.10	http://nfswatch.sourceforge.net
<i>nntpgrab</i>	0.4.90	0.5.1	http://www.nntpgrab.nl
<i>nntpgrab-core</i>	0.4.90	0.5.1	http://www.nntpgrab.nl
<i>nntpgrab-devel</i>	0.4.90	0.5.1	http://www.nntpgrab.nl
<i>nntpgrab-gui</i>	0.4.90	0.5.1	http://www.nntpgrab.nl
<i>nntpgrab-gui-base</i>	0.4.90	0.5.1	http://www.nntpgrab.nl
<i>nntpgrab-server</i>	0.4.90	0.5.1	http://www.nntpgrab.nl
<i>nntpgrab-server-gui</i>	0.4.90	0.5.1	http://www.nntpgrab.nl
<i>nntpgrab-web</i>	0.4.90	0.5.1	http://www.nntpgrab.nl
<i>ntop</i>	3.3.9	3.3.10	http://www.ntop.org
<i>nx</i>	3.2.0	3.3.0	http://www.nomachine.com
<i>nxcl</i>	new	0.9	http://freenx.berlios.de/
<i>ocsinventory</i>	1.02	1.02.1	http://www.ocsinventory-ng.org/

패키지	구 버전	신 버전	업스트림 URL
<i>ocsinventory-reports</i>	1.02	1.02.1	http://www.ocsinventory-ng.org/
<i>ocsinventory-server</i>	1.02	1.02.1	http://www.ocsinventory-ng.org/
<i>offlineimap</i>	6.0.3	6.1.2	http://software.complete.org/offlineimap/
<i>olpc-library</i>	new	2.0.2	http://wiki.laptop.org/go/Library
<i>openconnect</i>	1.10	2.01	http://www.infradead.org/openconnect.html
<i>openldap-clients</i>	2.4.15	2.4.18	http://www.openldap.org/
<i>openssh-blacklist</i>	new	1.0	http://www.benhur.prf.cuni.cz/medved-7/wydobitki/?path=openssh-blacklist
<i>openssl-perl</i>	0.9.8k	1.0.0	http://www.openssl.org/
<i>openvrml-mozilla-plugin</i>	0.17.12	0.18.3	http://openvrml.org
<i>openvrml-player</i>	0.17.12	0.18.3	http://openvrml.org
<i>openvrml-xembed</i>	0.17.12	0.18.3	http://openvrml.org
<i>perl-RT-Test</i>	3.8.2	3.8.4	http://www.bestpractical.com/rt
<i>php-layers-menu</i>	new	3.2.0	http://phplayersmenu.sourceforge.net/index.php
<i>phpMyAdmin</i>	3.1.5	3.2.2.1	http://www.phpmyadmin.net/
<i>phpldapadmin</i>	1.1.0.7	1.2.0.3	http://phpldapadmin.sourceforge.net
<i>pidgin</i>	2.5.5	2.6.3	http://pidgin.im/
<i>pidgin-docs</i>	2.5.5	2.6.3	http://pidgin.im/
<i>pidgin-latex</i>	1.3	1.3.3	http://sourceforge.net/projects/pidgin-latex
<i>pidgin-musictracker</i>	0.4.16	0.4.20	http://code.google.com/p/pidgin-musictracker/
<i>pidgin-perl</i>	2.5.5	2.6.3	http://pidgin.im/

패키지	구 버전	신 버전	업스트림 URL
<i>pidgin-privacy-please</i>	0.5.3	0.6.0	http://code.google.com/p/pidgin-privacy-please/
<i>pinot-deskbar</i>	0.93	0.94	http://pinot.berlios.de/
<i>podcatcher</i>	3.1.4	3.1.5	http://podcatcher.rubyforge.org/
<i>postal</i>	new	0.70	http://doc.coker.com.au/projects/postal/
<i>poweradmin</i>	2.1.2	2.1.3	http://www.poweradmin.org
<i>powwow</i>	new	1.2.16	http://hoopajoo.net/projects/powwow.html
<i>prelude-manager</i>	0.9.14.2	0.9.15	http://www.prelude-ids.org
<i>prewikka</i>	0.9.14	0.9.17.1	http://www.prelude-ids.org
<i>psi</i>	0.12.1	0.13	http://psi-im.org
<i>psi-i18n</i>	0.12.1	0.13	http://psi-im.org
<i>psi-icons</i>	0.12.1	0.13	http://psi-im.org
<i>purple-facebookchat</i>	1.50	1.61	http://code.google.com/p/pidgin-facebookchat/
<i>purple-microblog</i>	0.2.1	0.2.4	http://code.google.com/p/microblog-purple/
<i>purple-msn-pecan</i>	0.0.18	0.1.0	http://code.google.com/p/msn-pecan/
<i>pyicq-t</i>	0.8.1	0.8.1.5	http://code.google.com/p/pyicqt/
<i>pyicq-t-mysql</i>	0.8.1	0.8.1.5	http://code.google.com/p/pyicqt/
<i>pyzor</i>	0.4.0	0.5.0	http://pyzor.sourceforge.net/
<i>qbittorrent</i>	1.3.3	1.5.2	http://sourceforge.net/projects/qbittorrent
<i>quassel</i>	0.4.0	0.5.0	http://quassel-irc.org/
<i>quassel-client</i>	0.4.0	0.5.0	http://quassel-irc.org/
<i>quassel-core</i>	0.4.0	0.5.0	http://quassel-irc.org/
<i>quitcount</i>	new	1.6	http://quitcount.sourceforge.net/
<i>rancid</i>	new	2.3.2	http://www.shrubbery.net/rancid/

패키지	구 버전	신 버전	업스트림 URL
<i>ratproxy</i>	1.56	1.58	http://code.google.com/p/ratproxy/
<i>rb_libtorrent-examples</i>	0.14.2	0.14.4	http://www.rasterbar.com/products/libtorrent/
<i>ripmime</i>	new	1.4.0.9	http://www.pldaniels.com/ripmime/
<i>rsync</i>	3.0.5	3.0.6	http://rsync.samba.org/
<i>rt3</i>	3.8.2	3.8.4	http://www.bestpractical.com/rt
<i>rt3-mailgate</i>	3.8.2	3.8.4	http://www.bestpractical.com/rt
<i>rtorrent</i>	0.8.4	0.8.5	http://rtorrent.rakshasa.no/
<i>seamonkey</i>	1.1.15	2.0	http://www.mozilla.org/projects/seamonkey/
<i>sigul</i>	new	0.97	https://fedorahosted.org/sigul/
<i>sing</i>	new	1.1	http://www.sourceforge.net/projects/sing/
<i>sipcalc</i>	new	1.1.4	http://www.routemeister.net/projects/sipcalc
<i>sipwitch-snmp</i>	new	0.5.7	http://www.gnu.org/software/sipwitch
<i>smolt</i>	1.2	1.4	http://fedorahosted.org/smolt
<i>smolt-firstboot</i>	1.2	1.4	http://fedorahosted.org/smolt
<i>smolt-gui</i>	1.2	1.4	http://fedorahosted.org/smolt
<i>smolt-server</i>	1.2	1.4	http://fedorahosted.org/smolt
<i>snort</i>	2.8.3.2	2.8.5.1	http://www.snort.org
<i>snort-bloat</i>	2.8.3.2	2.8.5.1	http://www.snort.org
<i>snort-mysql</i>	2.8.3.2	2.8.5.1	http://www.snort.org
<i>snort-mysql+flexresp</i>	2.8.3.2	2.8.5.1	http://www.snort.org
<i>snort-plain+flexresp</i>	2.8.3.2	2.8.5.1	http://www.snort.org
<i>snort-postgresql</i>	2.8.3.2	2.8.5.1	http://www.snort.org

패키지	구 버전	신 버전	업스트림 URL
<i>snort-postgresql+flexresp</i>	2.8.3.2	2.8.5.1	http://www.snort.org
<i>snort-snmp</i>	2.8.3.2	2.8.5.1	http://www.snort.org
<i>snort-snmp+flexresp</i>	2.8.3.2	2.8.5.1	http://www.snort.org
<i>snownews</i>	1.5.10	1.5.12	http://home.kcore.de/~kiza/software/snownews
<i>socat</i>	1.7.0.0	1.7.1.1	http://www.dest-unreach.org/socat
<i>spacewalk-proxy-docs</i>	new	0.6.2	https://fedorahosted.org/spacewalk
<i>spamassassin</i>	3.2.5	3.3.0	http://spamassassin.apache.org/
<i>squirrelmail</i>	1.4.19	1.4.20	http://www.squirrelmail.org/
<i>stunnel</i>	4.26	4.27	http://stunnel.mirt.net/
<i>supybot</i>	0.83.3	0.83.4.1	http://supybot.com
<i>supybot-meetbot</i>	new	0.1.4	http://wiki.debian.org/MeetBot
<i>surfraw</i>	1.0.7	2.2.5	http://surfraw.alioth.debian.org/
<i>surl</i>	new	0.5.4	https://launchpad.net/surl
<i>swfdec-gnome</i>	2.26.0	2.28.0	http://swfdec.freedesktop.org/
<i>sylpheed</i>	2.6.0	2.7.1	http://sylpheed.sraoss.jp/
<i>tcpdump</i>	3.9.8	4.0.0	http://www.tcpdump.org
<i>tcpjunk</i>	2.649	2.7.01	http://code.google.com/p/tcpjunk/
<i>tcpreplay</i>	3.4.1	3.4.3	http://tcpreplay.synfin.net/trac/
<i>tn5250</i>	0.17.3	0.17.4	http://tn5250.sourceforge.net/
<i>totem-mozplugin</i>	2.26.2	2.28.2	http://projects.gnome.org/totem/
<i>trac</i>	0.11.3	0.11.4	http://trac.edgewall.com/

패키지	구 버전	신 버전	업스트림 URL
<i>trac-customfieldadmin-plugin</i>	new	0.2	http://trac-hacks.org/wiki/CustomFieldAdminPlugin
<i>trac-peerreview-plugin</i>	new	0.11	http://trac-hacks.org/wiki/PeerReviewPlugin
<i>trac-tracnav-plugin</i>	new	4.1	http://svn.ipd.uka.de/trac/javaparty/wiki/TracNav
<i>trac-xmlrpc-plugin</i>	1.0.0	1.0.6	http://trac-hacks.org/wiki/XMLRpcPlugin
<i>transifex</i>	0.5.1	0.6	http://transifex.org/
<i>transifex-extras</i>	0.5.1	0.6	http://transifex.org/
<i>transmission</i>	1.53	1.76	http://www.transmissionbt.com/
<i>trustyrc</i>	0.1.2	0.1.4	http://nicoleau.fabien.free.fr/weblog/?pages/trustyRC
<i>tucan</i>	new	0.3.9	http://cusl3-tucan.forja.rediris.es
<i>uberftp</i>	new	2.5	http://dims.ncsa.illinois.edu/set/uberftp/
<i>uget</i>	new	1.5.0	http://urlget.sourceforge.net/
<i>urlwatch</i>	1.7	1.9	http://thpinfo.com/2008/urlwatch/
<i>vidalia</i>	new	0.1.15	https://www.torproject.org/vidalia/
<i>w3m-el</i>	1.4.4	1.4.367	http://emacs-w3m.namazu.org/
<i>w3m-el-common</i>	1.4.4	1.4.367	http://emacs-w3m.namazu.org/
<i>w3m-el-xemacs</i>	1.4.4	1.4.367	http://emacs-w3m.namazu.org/
<i>wavemon</i>	new	0.6.7	http://eden-feed.erg.abdn.ac.uk/wavemon/
<i>wireshark</i>	1.1.3	1.2.2	http://www.wireshark.org/
<i>wireshark-gnome</i>	1.1.3	1.2.2	http://www.wireshark.org/

패키지	구 버전	신 버전	업스트림 URL
<i>xchat-gnome</i>	0.26.0	0.26.1	http://xchat-gnome.navi.cx/
<i>xrdp</i>	new	0.5.0	http://xrdp.sourceforge.net/
<i>xsp-tests</i>	2.4	2.4.2	http://mono.ximian.com/monobuild/preview/sources-preview/
<i>xulrunner</i>	1.9.1	1.9.1.4	http://developer.mozilla.org/En/XULRunner
<i>xulrunner-python</i>	1.9.1	1.9.1.4	http://developer.mozilla.org/En/XULRunner
<i>yaz</i>	3.0.41	3.0.49	http://www.indexdata.dk/yaz/
<i>yokadi</i>	new	0.10.0	http://yokadi.github.com/
<i>zabbix</i>	1.6.4	1.6.6	http://www.zabbix.com/
<i>zabbix-agent</i>	1.6.4	1.6.6	http://www.zabbix.com/

표 14. All Applications-Internet changes (cont'd)

패키지	구 버전	신 버전	업스트림 URL
<i>zabbix-proxy</i>	1.6.4	1.6.6	http://www.zabbix.com/
<i>zabbix-proxy-mysql</i>	1.6.4	1.6.6	http://www.zabbix.com/
<i>zabbix-proxy-pgsql</i>	1.6.4	1.6.6	http://www.zabbix.com/
<i>zabbix-proxy-sqlite3</i>	1.6.4	1.6.6	http://www.zabbix.com/
<i>zabbix-server</i>	1.6.4	1.6.6	http://www.zabbix.com/
<i>zabbix-server-mysql</i>	1.6.4	1.6.6	http://www.zabbix.com/
<i>zabbix-server-pgsql</i>	1.6.4	1.6.6	http://www.zabbix.com/
<i>zabbix-server-sqlite3</i>	1.6.4	1.6.6	http://www.zabbix.com/
<i>zabbix-web</i>	1.6.4	1.6.6	http://www.zabbix.com/
<i>zabbix-web-mysql</i>	1.6.4	1.6.6	http://www.zabbix.com/
<i>zabbix-web-pgsql</i>	1.6.4	1.6.6	http://www.zabbix.com/
<i>zabbix-web-sqlite3</i>	1.6.4	1.6.6	http://www.zabbix.com/

표 15. All Applications-Internet changes (cont'd)

패키지 변경 사항	405
변경되지 않은 패키지	407
전체 패키지	812

8.2.10. 응용-멀티미디어

패키지	구 버전	신 버전	업스트림 URL
<i>GraphicsMagick</i>	1.1.14	1.3.7	http://www.graphicsmagick.org/
<i>ImageMagick</i>	6.5.1.2	6.5.4.7	http://www.imagemagick.org/
<i>ImageMagick-djvu</i>	6.5.1.2	6.5.4.7	http://www.imagemagick.org/
<i>LuxRender</i>	new	0.5	http://www.luxrender.net
<i>LuxRender-blender</i>	new	0.5	http://www.luxrender.net
<i>LuxRender-core</i>	new	0.5	http://www.luxrender.net
<i>Miro</i>	2.0.3	2.5.2	http://www.getmiro.com/
<i>OpenSceneGraph</i>	2.8.0	2.8.2	http://www.openscenegraph.org/
<i>OpenSceneGraph-devel</i>	2.8.0	2.8.2	http://www.openscenegraph.org/
<i>OpenSceneGraph-examples</i>	2.8.0	2.8.2	http://www.openscenegraph.org/
<i>OpenSceneGraph-examples-SDL</i>	2.8.0	2.8.2	http://www.openscenegraph.org/
<i>OpenSceneGraph-examples-fltk</i>	2.8.0	2.8.2	http://www.openscenegraph.org/
<i>OpenSceneGraph-examples-qt</i>	2.8.0	2.8.2	http://www.openscenegraph.org/
<i>OpenSceneGraph-libs</i>	2.8.0	2.8.2	http://www.openscenegraph.org/
<i>OpenThreads</i>	2.8.0	2.8.2	http://www.openscenegraph.org/
<i>OpenThreads-devel</i>	2.8.0	2.8.2	http://www.openscenegraph.org/
<i>Panini</i>	new	0.71.103	http://sourceforge.net/projects/pvqt/
<i>PerceptualDiff</i>	1.0.2	1.1.1	http://pdiff.sourceforge.net
<i>Pixie</i>	2.2.5	2.2.6	http://www.renderpixie.com/
<i>abby</i>	new	0.4.3	http://code.google.com/p/abby/

패키지	구 버전	신 버전	업스트림 URL
<i>abcMIDI</i>	20080924	20090317	http://abc.sourceforge.net/abcMIDI
<i>abcde</i>	2.3.99.6	2.3.99.8	http://code.google.com/p/abcde/
<i>abcm2ps</i>	5.9.3	5.9.5	http://moinejf.free.fr
<i>alsa-firmware</i>	1.0.19	1.0.20	http://www.alsa-project.org/
<i>alsa-tools</i>	1.0.19	1.0.20	http://www.alsa-project.org/
<i>alsa-utils</i>	1.0.20	1.0.21	http://www.alsa-project.org/
<i>amarok</i>	2.0.2	2.2.0	http://amarok.kde.org/
<i>amarok-utils</i>	new	2.2.0	http://amarok.kde.org/
<i>aqsis</i>	1.4.2	1.6.0	http://www.aqsis.org
<i>aqsis-core</i>	1.4.2	1.6.0	http://www.aqsis.org
<i>aqsis-data</i>	1.4.2	1.6.0	http://www.aqsis.org
<i>ardour</i>	2.8	2.8.2	http://ardour.org
<i>audacious</i>	1.5.1	2.1	http://audacious-media-player.org/
<i>audacious-plugin-fc</i>	0.3	0.4	http://xmms-fc.sourceforge.net/
<i>audacious-plugin-xmp</i>	2.5.1	2.7.1	http://xmp.sourceforge.net/
<i>audacious-plugins</i>	1.5.1	2.1	http://audacious-media-player.org/
<i>audacious-plugins-amidi</i>	1.5.1	2.1	http://audacious-media-player.org/
<i>audacious-plugins-esd</i>	1.5.1	2.1	http://audacious-media-player.org/
<i>audacious-plugins-jack</i>	1.5.1	2.1	http://audacious-media-player.org/
<i>audacious-plugins-metronome</i>	1.5.1	2.1	http://audacious-media-player.org/
<i>audacious-plugins-vortex</i>	1.5.1	2.1	http://audacious-media-player.org/
<i>audacious-plugins-wavpack</i>	1.5.1	2.1	http://audacious-media-player.org/
<i>audacity</i>	1.3.7	1.3.9	http://audacity.sourceforge.net

패키지	구 버전	신 버전	업스트림 URL
<i>audex</i>	new	0.72	http:// opensource.maniatek.de/ audex/
<i>audio-convert-mod</i>	3.45.5b	3.46.0a	http:// www.diffingo.com/oss/ audio-convert-mod
<i>audtty</i>	new	0.1.11	http:// audtty.alioth.debian.org/
<i>awesfx</i>	new	0.5.1c	http://www.alsa- project.org/~iwai/ awedrv.html
<i>banshee</i>	1.4.3	1.5.1	http://banshee- project.org/
<i>banshee-mirage</i>	0.4.0	0.5.0	http://hop.at/mirage/
<i>bickley</i>	new	0.4.3	http://moblin.org/ projects/bickley
<i>blender</i>	2.48a	2.49b	http://www.blender.org
<i>blenderplayer</i>	2.48a	2.49b	http://www.blender.org
<i>bognor-regis</i>	new	0.4.10	http://www.moblin.org/
<i>brasero</i>	2.26.1	2.28.2	http://www.gnome.org/ projects/brasero/
<i>calf</i>	0.0.18.3	0.0.18.5	http:// calf.sourceforge.net/
<i>camcardsync</i>	new	0.1.1	http:// blackfiveimaging.co.uk/ index.php? article=02Software %2F04CamCardSync
<i>cclive</i>	new	0.5.2	http://code.google.com/ p/cclive/
<i>cd-discid</i>	0.9	1.1	http://linukz.org/cd- discid.shtml
<i>cdrskin</i>	0.6.0	0.7.0	http://libburnia- project.org/
<i>clive</i>	2.1.10	2.2.7	http://code.google.com/ p/clive/
<i>constantine-backgrounds</i>	new	12.1.0	https:// fedoraproject.org/wiki/ F12_Artwork
<i>constantine-backgrounds-extras</i>	new	12.1.0	https:// fedoraproject.org/wiki/ F12_Artwork

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<i>constantine-backgrounds-kde</i>	new	12.1.0	https://fedoraproject.org/wiki/F12_Artwork
<i>creox</i>	new	0.2.2	http://zyzstar.kosoru.com/?creox
<i>csound</i>	5.03.0	5.10.1	http://csound.sourceforge.net/
<i>csound-dssi</i>	5.03.0	5.10.1	http://csound.sourceforge.net/
<i>csound-fft</i>	5.03.0	5.10.1	http://csound.sourceforge.net/
<i>csound-fluidsynth</i>	5.03.0	5.10.1	http://csound.sourceforge.net/
<i>csound-gui</i>	5.03.0	5.10.1	http://csound.sourceforge.net/
<i>csound-jack</i>	5.03.0	5.10.1	http://csound.sourceforge.net/
<i>csound-osc</i>	5.03.0	5.10.1	http://csound.sourceforge.net/
<i>csound-tk</i>	5.03.0	5.10.1	http://csound.sourceforge.net/
<i>csound-virtual-keyboard</i>	5.03.0	5.10.1	http://csound.sourceforge.net/
<i>dcraw</i>	8.91	8.96	http://cybercom.net/~dcoffin/dcraw
<i>denemo</i>	0.8.2	0.8.4	http://www.denemo.org/
<i>denemo-music-fonts</i>	0.8.2	0.8.4	http://www.denemo.org/
<i>dia</i>	0.96.1	0.97	http://www.gnome.org/projects/dia/
<i>digikam</i>	0.10.0	1.0.0	http://www.digikam.org/
<i>dssi</i>	0.9.1	1.0.0	http://dssi.sourceforge.net/
<i>dssi-calf-plugins</i>	0.0.18.3	0.0.18.5	http://calf.sourceforge.net/
<i>dssi-examples</i>	0.9.1	1.0.0	http://dssi.sourceforge.net/
<i>dssi-vst</i>	new	0.8	http://dssi.sourceforge.net/
<i>dssi-vst-wine</i>	new	0.8	http://dssi.sourceforge.net/
<i>easytag</i>	2.1	2.1.6	http://easytag.sourceforge.net/

패키지	구 버전	신 버전	업스트림 URL
<i>eina</i>	0.7.3	0.8.0	http://eina.sourceforge.net/
<i>entertainer</i>	new	0.4.2	https://launchpad.net/entertainer
<i>espeak</i>	1.39	1.40.02	http://espeak.sourceforge.net
<i>exaile</i>	0.2.14	0.3.0.1	http://www.exaile.org
<i>exiv2</i>	0.18.1	0.18.2	http://www.exiv2.org/
<i>f-spot</i>	0.5.0.3	0.6.1.3	http://f-spot.org/
<i>fedora-business-cards</i>	0.2.4	0.2.4.2	https://fedoraproject.org/wiki/Business_cards
<i>flam3</i>	2.7.17	2.7.18	http://www.flam3.com/
<i>flam3-devel</i>	2.7.17	2.7.18	http://www.flam3.com/
<i>fluidsynth</i>	1.0.8	1.0.9	http://www.fluidsynth.org/
<i>fluidsynth-dssi</i>	0.9.1	1.0.0	http://dssi.sourceforge.net/download.html#FluidSynth-DSSI
<i>fotowall</i>	0.4	0.8.1	http://www.enricoros.com/opensource/fotowall/
<i>fotoxx</i>	6.0	8.0	http://kornelix.squarespace.com/fotoxx
<i>frinika</i>	new	0.5.1	http://frinika.appspot.com/
<i>gaupol</i>	0.14	0.15	http://home.gna.org/gaupol
<i>gcdmaster</i>	1.2.2	1.2.3	http://cdrdao.sourceforge.net/
<i>gimmix</i>	0.5.2	0.5.6.1	http://gimmix.berlios.de/
<i>gimp</i>	2.6.6	2.6.7	http://www.gimp.org/
<i>gimp-help-browser</i>	2.6.6	2.6.7	http://www.gimp.org/
<i>gimp-lqr-plugin</i>	0.4.0.4	0.6.1	http://liquidrescale.wikidot.com/
<i>gimp-resynthesizer</i>	0.15	0.16	http://logarithmic.net/pfh/resynthesizer
<i>gimpfx-foundry</i>	new	2.6.1	http://gimpfx-foundry.sourceforge.net/

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<i>gle</i>	4.1.2	4.2.0	http://www.gle-graphics.org/
<i>gmixer</i>	new	1.3	https://launchpad.net/gmixer
<i>gmpc</i>	0.16.1	0.18.0	http://gmpcwiki.sarine.nl/
<i>gmusicbrowser</i>	1.0.1	1.0.2	http://gmusicbrowser.sourceforge.net/
<i>gnash</i>	0.8.5	0.9.0	http://www.gnu.org/software/gnash/
<i>gnash-cygnal</i>	0.8.5	0.9.0	http://www.gnu.org/software/gnash/
<i>gnash-klash</i>	0.8.5	0.9.0	http://www.gnu.org/software/gnash/
<i>gnome-backgrounds</i>	2.24.1	2.28.0	http://www.gnome.org
<i>gnome-media</i>	2.26.0	2.28.1	http://www.gnome.org
<i>gnome-media-apps</i>	new	2.28.1	http://www.gnome.org
<i>gnome-subtitles</i>	0.8	0.9.1	http://gnome-subtitles.sourceforge.net
<i>gocr</i>	0.45	0.46	http://jocr.sourceforge.net/
<i>gphoto2</i>	2.4.5	2.4.7	http://www.gphoto.org/
<i>gpicview</i>	0.1.11	0.2.1	http://lxde.sourceforge.net/gpicview/
<i>gpodder</i>	0.15.2	2.0	http://gpodder.berlios.de/
<i>griffith</i>	new	0.10	http://www.griffith.cc
<i>gsm-tools</i>	1.0.12	1.0.13	http://kbs.cs.tu-berlin.de/~jutta/toast.html
<i>gst-mixer</i>	2.26.0	dropped	http://www.gnome.org
<i>gststreamer</i>	0.10.22	0.10.25	http://gststreamer.freedesktop.org/
<i>gststreamer-plugins-base</i>	0.10.22	0.10.25	http://gststreamer.freedesktop.org/
<i>gststreamer-plugins-good</i>	0.10.14	0.10.16	http://gststreamer.freedesktop.org/
<i>gststreamer-plugins-schroedinger</i>	1.0.6	1.0.7	http://www.diracvideo.org/

패키지	구 버전	신 버전	업스트림 URL
<i>gstreamer-rtsp</i>	new	0.10.4	http://people.freedesktop.org/~wtay/
<i>gstreamer-rtsp-python</i>	new	0.10.4	http://people.freedesktop.org/~wtay/
<i>gstreamer-rtsp-vala</i>	new	0.10.4	http://people.freedesktop.org/~wtay/
<i>gstreamer-tools</i>	0.10.22	0.10.25	http://gstreamer.freedesktop.org/
<i>guimup</i>	new	0.1.4	http://www.coonsden.com/
<i>guitarix</i>	new	0.05.0	http://guitarix.sourceforge.net/
<i>hexter-dssi</i>	0.6.1	0.6.2	http://dssi.sourceforge.net/hexter.html
<i>hispavoces-pal-diphone</i>	new	1.0.0	http://www.cstr.ed.ac.uk/projects/festival/
<i>hispavoces-sfl-diphone</i>	new	1.0.0	http://www.cstr.ed.ac.uk/projects/festival/
<i>hugin</i>	0.7.0	2009.2.0	http://hugin.sourceforge.net/
<i>hugin-base</i>	0.7.0	2009.2.0	http://hugin.sourceforge.net/
<i>imgtarget</i>	new	0.1.4	http://blackfiveimaging.co.uk/index.php?article=02Software%2F02ImgTarget
<i>ivtv-utils</i>	1.3.0	1.4.0	http://ivtvdriver.org/
<i>jack-audio-connection-kit-example-clients</i>	0.116.1	0.116.2	http://www.jackaudio.org
<i>jack-keyboard</i>	new	2.5	http://pin.if.uz.zgora.pl/~trasz/jack-keyboard/
<i>jack_capture</i>	new	0.9.35	http://www.musix.org.ar/wiki/index.php/Jack_capture
<i>jbrou</i>	0.3.174	0.3.211	http://jbrou.python-hosting.com/wiki

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<i>jconv</i>	new	0.8.1	http://www.kokkinizita.net/linuxaudio/
<i>jhead</i>	2.86	2.87	http://www.sentex.net/~mwandel/jhead/
<i>kaffeine</i>	0.8.7	1.0	http://kaffeine.kde.org/
<i>kdegraphics</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdemultimedia</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kid3</i>	1.1	1.2	http://kid3.sourceforge.net/
<i>kipi-plugins</i>	0.2.0	0.8.0	http://www.kipi-plugins.org/
<i>klavaro</i>	new	1.3.4	http://klavaro.sourceforge.net/en/
<i>kmplayer</i>	0.11.0a	0.11.1b	http://kmplayer.kde.org/
<i>kphotoalbum</i>	3.2	4.1	http://kphotoalbum.org/
<i>kradio4</i>	new	4.0.0	http://kradio.sourceforge.net/
<i>ladspa-calf-plugins</i>	0.0.18.3	0.0.18.5	http://calf.sourceforge.net/
<i>ladspa-fil-plugins</i>	0.1.0	0.3.0	http://www.kokkinizita.net/linuxaudio/
<i>lazygal</i>	new	0.4.1	http://sousmonlit.dyndns.org/~niol/playa/oss:lazygal
<i>libbs2b</i>	new	3.1.0	http://bs2b.sourceforge.net/
<i>libicns-utils</i>	0.6.2	0.7.0	http://icns.sourceforge.net/
<i>libkate-utils</i>	0.3.1	0.3.6	http://code.google.com/p/libkate/
<i>libmpd</i>	0.16.1	0.18.0	http://gmpc.wikia.com/wiki/Gnome_Music_Player_Client
<i>libmtp-examples</i>	0.3.7	1.0.1	http://libmtp.sourceforge.net/
<i>libnemesi-tools</i>	0.6.4	0.6.9	http://www.lscube.org/projects/libnemesi
<i>libpano13-tools</i>	2.9.12	2.9.14	http://panotools.sourceforge.net/

패키지	구 버전	신 버전	업스트림 URL
<i>listen</i>	0.5	0.6.3	http://www.listen-project.org
<i>lmms</i>	0.4.3	0.4.5	http://lmms.sourceforge.net/
<i>lmms-vst</i>	0.4.3	0.4.5	http://lmms.sourceforge.net/
<i>lv2-calf-plugins</i>	0.0.18.3	0.0.18.5	http://calf.sourceforge.net/
<i>lv2-swh-plugins</i>	new	1.0.15	http://lv2plug.in/
<i>lv2-vocoder-plugins</i>	new	1	http://download.gna.org/lv2vocoder/
<i>lv2-zynadd-plugins</i>	new	1	http://home.gna.org/zyn/
<i>lxmusic</i>	0.2.3	0.4.0	http://lxde.org
<i>me-tv</i>	new	1.0.0	https://launchpad.net/me-tv
<i>meshmagick</i>	0.5.2	0.6.0	http://www.ogre3d.org/wiki/index.php/MeshMagick
<i>meterbridge</i>	new	0.9.2	http://plugin.org.uk/meterbridge/
<i>minicomputer</i>	new	1.3	http://minicomputer.sourceforge.net/
<i>mkvtoolnix</i>	2.6.0	2.9.8	http://www.bunkus.org/videotools/mkvtoolnix/index.html
<i>mkvtoolnix-gui</i>	2.6.0	2.9.8	http://www.bunkus.org/videotools/mkvtoolnix/index.html
<i>mpc</i>	0.15	0.16	http://mpd.wikia.com/wiki/Client:Mpc
<i>mscore</i>	0.9.4	0.9.5	http://musescore.org/en
<i>mtpaint</i>	3.21	3.31	http://mtpaint.sourceforge.net/
<i>mtpaint-handbook</i>	3.21	3.31	http://mtpaint.sourceforge.net/
<i>muine</i>	0.8.10	0.8.11	http://www.muine-player.org/
<i>ncmpc</i>	0.13	0.14	http://mpd.wikia.com/wiki/Client:Ncmpc
<i>ncmpcpp</i>	0.3.3	0.3.5	http://unkart.ovh.org/ncmpcpp

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<i>nekobee-dssi</i>	new	0.1.7	http://www.nekosynth.co.uk/wiki/nekobee
<i>netpbm-progs</i>	10.35.62	10.47.04	http://netpbm.sourceforge.net/
<i>nip2</i>	7.16.4	7.18.2	http://www.vips.ecs.soton.ac.uk/
<i>nyquist</i>	3.02	3.03	http://www-2.cs.cmu.edu/~music/music.software.html
<i>nyxmms2</i>	new	0.6	http://wiki.xmms2.xmms.se/
<i>ocrad</i>	0.17	0.18	http://www.gnu.org/software/ocrad/ocrad.html
<i>oggvideotools</i>	0.6	0.7b	http://dev.streamnik.de/oggvideotools.html
<i>ogmtools</i>	new	1.5	http://www.bunkus.org/videotools/ogmtools/
<i>optipng</i>	0.6.2.1	0.6.3	http://optipng.sourceforge.net/
<i>panoglview</i>	new	0.2.2	http://hugin.sourceforge.net/
<i>paprefs</i>	0.9.8	0.9.9	http://0pointer.de/lennart/projects/paprefs
<i>pavucontrol</i>	0.9.8	0.9.10	http://0pointer.de/lennart/projects/pavucontrol

표 16. 응용-멀티미디어 모든 변경 사항

패키지	구 버전	신 버전	업스트림 URL
<i>phasesx</i>	0.11.1	0.12.0	http://sysex.net/phasesx/
<i>photoprint</i>	new	0.4.0	http://blackfiveimaging.co.uk/index.php?article=02Software%2F01PhotoPrint
<i>photoprint-borders</i>	new	0.0.2	http://blackfiveimaging.co.uk/index.php?article=02Software%2F01PhotoPrint
<i>pianobooster</i>	new	0.6.2	http://pianobooster.sourceforge.net/

패키지	구 버전	신 버전	업스트림 URL
<i>pigment</i>	0.3.16	0.3.17	https://code.fluendo.com/pigment/trac/
<i>pigment-python</i>	0.3.11	0.3.12	https://code.fluendo.com/pigment/trac/
<i>pitivi</i>	0.11.3	0.13.3	http://www.pitivi.org/
<i>pocketsphinx</i>	new	0.5.1	http://www.pocketsphinx.org/
<i>pocketsphinx-devel</i>	new	0.5.1	http://www.pocketsphinx.org/
<i>pocketsphinx-libs</i>	new	0.5.1	http://www.pocketsphinx.org/
<i>pocketsphinx-plugin</i>	new	0.5.1	http://www.pocketsphinx.org/
<i>pocketsphinx-python</i>	new	0.5.1	http://www.pocketsphinx.org/
<i>pod sleuth</i>	0.6.3	0.6.4	http://banshee-project.org/PodSleuth
<i>pony</i>	new	0.2	http://www.fedorahosted.org/pony
<i>potrace</i>	new	1.8	http://potrace.sourceforge.net
<i>potrace-devel</i>	new	1.8	http://potrace.sourceforge.net
<i>psimedia</i>	new	1.0.3	http://delta.affinix.com/psimedia/
<i>pulseaudio-gdm-hooks</i>	new	0.9.19	http://pulseaudio.org/
<i>pulseaudio-utils</i>	0.9.15	0.9.19	http://pulseaudio.org/
<i>python-gnash</i>	new	0.9.0	http://www.gnu.org/software/gnash/
<i>qjackctl</i>	0.3.3	0.3.4	http://qjackctl.sourceforge.net
<i>qmmp</i>	0.2.3	0.3.0	http://qmmp.ylsoftware.com/index_en.html
<i>qsynth</i>	0.3.3	0.3.4	http://qsynth.sourceforge.net
<i>quodlibet</i>	1.0	2.1	http://code.google.com/p/quodlibet/

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<i>rhythmbox</i>	0.12.1	0.12.5	http://projects.gnome.org/rhythmbox/
<i>rhythmbox-lyric</i>	0.12.1	0.12.5	http://projects.gnome.org/rhythmbox/
<i>rhythmbox-upnp</i>	0.12.1	0.12.5	http://projects.gnome.org/rhythmbox/
<i>rubyripper</i>	0.5.5	0.5.7	http://code.google.com/p/rubyripper/
<i>rubyripper-gui</i>	0.5.5	0.5.7	http://code.google.com/p/rubyripper/
<i>rygel</i>	new	0.4.2	http://live.gnome.org/Rygel
<i>rygel-tracker</i>	new	0.4.2	http://live.gnome.org/Rygel
<i>sap</i>	new	0.4.4	http://www.jezra.net/projects/sap
<i>shotwell</i>	new	0.2.0	http://www.yorba.org/shotwell/
<i>shutter</i>	new	0.80.1	http://shutter-project.org
<i>solang</i>	new	0.3	https://savannah.nongnu.org/projects/solang/
<i>sonata</i>	1.5.2	1.6.2.1	http://sonata.berlios.de/
<i>sonic-visualiser</i>	1.5	1.6	http://www.sonicvisualiser.org/
<i>sound-juicer</i>	2.26.1	2.28.0	http://www.burtonini.com/blog/computers/sound-juicer
<i>taglib-extras</i>	0.1.2	1.0.1	http://websvn.kde.org/trunk/kdesupport/taglib-extras/
<i>tellico</i>	1.3.5	2.0	http://tellico-project.org/
<i>tgif</i>	4.1.45	4.2.1	http://bourbon.usc.edu/tgif/
<i>themonospot</i>	0.7.1.1	0.7.3.1	http://www.integrazioneweb.com/themonospot
<i>theora-tools</i>	1.0	1.1.0	http://www.theora.org

패키지	구 버전	신 버전	업스트림 URL
<i>totem</i>	2.26.2	2.28.2	http:// projects.gnome.org/ totem/
<i>totem-jamendo</i>	2.26.2	2.28.2	http:// projects.gnome.org/ totem/
<i>totem-lirc</i>	2.26.2	2.28.2	http:// projects.gnome.org/ totem/
<i>totem-mythtv</i>	2.26.2	2.28.2	http:// projects.gnome.org/ totem/
<i>totem-nautilus</i>	2.26.2	2.28.2	http:// projects.gnome.org/ totem/
<i>totem-publish</i>	2.26.2	2.28.2	http:// projects.gnome.org/ totem/
<i>totem-upnp</i>	2.26.2	2.28.2	http:// projects.gnome.org/ totem/
<i>totem-youtube</i>	2.26.2	2.28.2	http:// projects.gnome.org/ totem/
<i>ucview</i>	0.22	0.23	http://www.unicap- imaging.org/
<i>uniconvertor</i>	1.1.3	1.1.4	http://sk1project.org/ modules.php? name=Products&product=uniconv
<i>v4l2ucp</i>	1.2	1.3	http:// v4l2ucp.sourceforge.net/
<i>vdr-epgsearch</i>	new	0.9.25	http://winni.vdr- developer.org/ epgsearch/
<i>vdr-femon</i>	1.6.6	1.6.7	http://www.saunalahti.fi/ ~rahenbe/vdr/femon/
<i>vdr-osdteletext</i>	0.8.1	0.8.3	http://projects.vdr- developer.org/projects/ show/plg-osdteletext
<i>vdr-skins</i>	20081124	20090901	n/a
<i>vdr-text2skin</i>	1.1	1.2	http://projects.vdr- developer.org/projects/ show/plg-text2skin

패키지	구 버전	신 버전	업스트림 URL
<i>vips-tools</i>	7.16.4	7.18.2	http://www.vips.ecs.soton.ac.uk/
<i>w_scan</i>	20081106	20090808	http://wirbel.htpc-forum.de/w_scan/index2.html
<i>wavpack</i>	4.50.1	4.60	http://www.wavpack.com/
<i>whysynth-dssi</i>	20080412	20090403	http://www.smbolton.com/whysynth.html
<i>xaos</i>	3.4	3.5	http://xaos.sourceforge.net
<i>xfmpc</i>	0.1.0	0.2.0	http://goodies.xfce.org/projects/applications/xfmpc
<i>xine-ui</i>	new	0.99.5	http://www.xine-project.org/
<i>xine-ui-skins</i>	new	0.99.5	http://www.xine-project.org/
<i>xmms-xmp</i>	2.5.1	2.7.1	http://xmp.sourceforge.net/
<i>xmms2</i>	0.5	0.6	http://wiki.xmms2.xmms.se/
<i>xmms2-perl</i>	0.5	0.6	http://wiki.xmms2.xmms.se/
<i>xmms2-python</i>	0.5	0.6	http://wiki.xmms2.xmms.se/
<i>xmms2-ruby</i>	0.5	0.6	http://wiki.xmms2.xmms.se/
<i>xmp</i>	2.5.1	2.7.1	http://xmp.sourceforge.net/
<i>xsane</i>	0.996	0.997	http://www.xsane.org/
<i>xsane-common</i>	new	0.997	http://www.xsane.org/
<i>xsane-gimp</i>	0.996	0.997	http://www.xsane.org/
<i>xsynth-dssi</i>	new	0.9.2	http://dssi.sourceforge.net/download.html#Xsynth-DSSI
<i>youtube-dl</i>	2008.01.24	2009.09.13	http://bitbucket.org/rg3/youtube-dl
<i>zynaddsubfx</i>	2.2.1	2.4.0	http://zynaddsubfx.sourceforge.net

패키지	구 버전	신 버전	업스트림 URL
<i>zynjacku</i>	new	5	http://home.gna.org/zynjacku/

표 17. All Applications-Multimedia changes (cont'd)

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8.2.11. 응용-생산

패키지	구 버전	신 버전	업스트림 URL
<i>EekBoek</i>	new	1.04.04	http://www.eekboek.nl
<i>EekBoek-db-postgresql</i>	new	1.04.04	http://www.eekboek.nl
<i>R-BufferedMatrixMethods</i>	1.3.0	1.8.0	http://bioconductor.org/packages/release/bioc/html/BufferedMatrixMethods.html
<i>R-DynDoc</i>	1.20.0	1.22.0	http://bioconductor.org/packages/2.4/bioc/html/DynDoc.html
<i>R-RODBC</i>	1.2	1.3.0	http://cran.r-project.org/web/packages/RODBC/
<i>R-abind</i>	1.1	1.1.0	http://cran.r-project.org/web/packages/abind/index.html
<i>R-acepack</i>	1.3	1.3.2.2	http://cran.r-project.org/web/packages/acepack/index.html
<i>R-biglm</i>	0.4	0.7	http://cran.r-project.org/web/packages/biglm/index.html
<i>R-bigmemory</i>	2.3	3.10	http://cran.r-project.org/web/packages/bigmemory/index.html
<i>R-maanova</i>	1.12.0	1.14.0	http://www.bioconductor.org/packages/2.4/bioc/html/maanova.html
<i>R-multtest</i>	1.22.0	2.0.0	http://www.bioconductor.org/packages/2.4/bioc/html/multtest.html

패키지	구 버전	신 버전	업스트림 URL
<i>R-nws</i>	1.7.0.0	2.0.0.3	http://cran.r-project.org/web/packages/nws/index.html
<i>R-pls</i>	2.1	2.1.0	http://cran.r-project.org/web/packages/pls/index.html
<i>R-tkWidgets</i>	1.20.0	1.22.0	http://bioconductor.org/packages/2.4/bioc/html/tkWidgets.html
<i>R-widgetTools</i>	1.18.0	1.22.0	http://bioconductor.org/packages/2.4/bioc/html/widgetTools.html
<i>aiksaurus-thesaurus</i>	new	1.2.1	http://aiksaurus.sourceforge.net/
<i>alexandria</i>	0.6.4.1	0.6.5	http://alexandria.rubyforge.org/
<i>anjali</i>	new	0.1.0	http://live.gnome.org/Anjal/
<i>barry-opensync</i>	new	0.15	http://www.netdirect.ca/downloads/barry
<i>bibletime</i>	1.7	2.2	http://www.bibletime.info/
<i>bleachbit</i>	new	0.6.4	http://bleachbit.sourceforge.net/
<i>broffice.org-base</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>broffice.org-brand</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>broffice.org-calc</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>broffice.org-draw</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>broffice.org-impress</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>broffice.org-math</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>broffice.org-writer</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>calcurse</i>	2.4	2.7	http://culot.org/calcurse/
<i>ccrypt</i>	new	1.9	http://ccrypt.sourceforge.net/

패키지	구 버전	신 버전	업스트림 URL
<i>clusterssh</i>	3.22	3.26	http://clusterssh.sourceforge.net
<i>conduit</i>	0.3.15	0.3.16	http://www.conduit-project.org/
<i>dates</i>	0.4.6	0.4.8	http://pimlico-project.org/dates.html
<i>evolution</i>	2.26.1	2.28.0	http://projects.gnome.org/evolution/
<i>evolution-bogofilter</i>	2.26.1	2.28.0	http://projects.gnome.org/evolution/
<i>evolution-exchange</i>	2.26.1	2.28.0	http://projects.gnome.org/evolution/
<i>evolution-help</i>	2.26.1	2.28.0	http://projects.gnome.org/evolution/
<i>evolution-mapi</i>	0.26.1	0.28.0	http://www.gnome.org/projects/evolution-mapi/
<i>evolution-perl</i>	2.26.1	2.28.0	http://projects.gnome.org/evolution/
<i>evolution-pst</i>	new	2.28.0	http://projects.gnome.org/evolution/
<i>evolution-spamassassin</i>	2.26.1	2.28.0	http://projects.gnome.org/evolution/
<i>expendable</i>	0.0.8	0.0.9	https://fedorahosted.org/expendable/
<i>fedora-packager</i>	0.3.3	0.3.8	https://fedorahosted.org/fedora-packager
<i>gjots2</i>	2.3.8	2.3.9	http://bhepple.freeshell.org/gjots
<i>gnome-do-plugins</i>	new	0.8.2	http://do.davebsd.com
<i>gnome-do-plugins-banshee</i>	new	0.8.2	http://do.davebsd.com
<i>gnome-do-plugins-bibtex</i>	new	0.8.2	http://do.davebsd.com

패키지	구 버전	신 버전	업스트림 URL
<i>gnome-do-plugins-clawsml</i>	new	0.8.2	http://do.davebsd.com
<i>gnome-do-plugins-eog</i>	new	0.8.2	http://do.davebsd.com
<i>gnome-do-plugins-epiphany</i>	new	0.8.2	http://do.davebsd.com
<i>gnome-do-plugins-evolution</i>	new	0.8.2	http://do.davebsd.com
<i>gnome-do-plugins-firefox</i>	new	0.8.2	http://do.davebsd.com
<i>gnome-do-plugins-flickr</i>	new	0.8.2	http://do.davebsd.com
<i>gnome-do-plugins-pidgin</i>	new	0.8.2	http://do.davebsd.com
<i>gnome-do-plugins-rhythmbox</i>	new	0.8.2	http://do.davebsd.com
<i>gnome-do-plugins-tasque</i>	new	0.8.2	http://do.davebsd.com
<i>gnome-do-plugins-thunderbird</i>	new	0.8.2	http://do.davebsd.com
<i>gnome-do-plugins-tomboy</i>	new	0.8.2	http://do.davebsd.com
<i>gnome-do-plugins-vinagre</i>	new	0.8.2	http://do.davebsd.com
<i>gnome-games-help</i>	2.26.1	2.28.1	http://projects.gnome.org/gnome-games/
<i>gourmet</i>	0.13.4	0.15.0	http://grecipe-manager.sourceforge.net
<i>gpscorrelate</i>	new	1.6.0	http://freefoote.dview.net/linux_gpscorr.html
<i>gpsdrive</i>	2.09	2.10	http://www.gpsdrive.de/index.shtml
<i>gramps</i>	3.1.1	3.1.2	http://gramps.sourceforge.net/
<i>gtg</i>	new	0.1.2	http://gtg.fritalk.com
<i>homebank</i>	4.0.2	4.0.4	http://homebank.free.fr
<i>homebank-doc</i>	4.0.2	4.0.4	http://homebank.free.fr
<i>kdepim</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdepim-runtime</i>	new	4.3.2	http://www.kde.org/
<i>kmymoney2</i>	0.9.3	1.0.1	http://kmymoney2.sourceforge.net/

패키지	구 버전	신 버전	업스트림 URL
<i>krecipes</i>	0.9.1	1.0	http://krecipes.sourceforge.net/
<i>libpst</i>	0.6.36	0.6.44	http://www.five-ten-sg.com/libpst/
<i>merkaartor</i>	0.13.1	0.14	http://www.merkaartor.org
<i>monosim</i>	1.3.0.2	1.5.2	http://www.integrazioneweb.com/monosim
<i>openoffice.org-base</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-base-core</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-brand</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-calc</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-calc-core</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-core</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-draw</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-draw-core</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-emailmerge</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-graphicfilter</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-impress</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-impress-core</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-javafilter</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-af_ZA</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-ar</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-as_IN</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-bg_BG</i>	3.1.0	3.1.1	http://www.openoffice.org/

패키지	구 버전	신 버전	업스트림 URL
<i>openoffice.org-langpack-bn</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-ca_ES</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-cs_CZ</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-cy_GB</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-da_DK</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-de</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-dz</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-el_GR</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-en</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-es</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-et_EE</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-eu_ES</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-fi_FI</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-fr</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-ga_IE</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-gl_ES</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-gu_IN</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-he_IL</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-hi_IN</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-hr_HR</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-hu_HU</i>	3.1.0	3.1.1	http://www.openoffice.org/

패키지	구 버전	신 버전	업스트림 URL
<i>openoffice.org-langpack-it</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-ja_JP</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-ko_KR</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-lt_LT</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-mai_IN</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-ml_IN</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-mr_IN</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-ms_MY</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-nb_NO</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-nl</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-nn_NO</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-nr_ZA</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-nso_ZA</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-or_IN</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-pa_IN</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-pl_PL</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-pt_BR</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-pt_PT</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-ru</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-sk_SK</i>	3.1.0	3.1.1	http://www.openoffice.org/

패키지	구 버전	신 버전	업스트림 URL
<i>openoffice.org-langpack-sl_SI</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-sr</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-ss_ZA</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-st_ZA</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-sv</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-ta_IN</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-te_IN</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-th_TH</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-tn_ZA</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-tr_TR</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-ts_ZA</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-uk</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-ur</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-ve_ZA</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-xh_ZA</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-zh_CN</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-zh_TW</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-langpack-zu_ZA</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-math</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-math-core</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-ogltrans</i>	3.1.0	3.1.1	http://www.openoffice.org/

패키지	구 버전	신 버전	업스트림 URL
<i>openoffice.org-pdfimport</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-presentation-minimizer</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-presenter-screen</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-report-builder</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-wiki-publisher</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-writer</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-writer-core</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openoffice.org-writer2latex</i>	0.5.0.2	1.0	http://writer2latex.sourceforge.net/
<i>openoffice.org-writer2html</i>	0.5.0.2	1.0	http://writer2latex.sourceforge.net/
<i>openoffice.org-xsltfilter</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>paperbox</i>	new	0.4.3	http://live.gnome.org/PaperBox
<i>pdfchain</i>	new	0.123	http://sourceforge.net/projects/pdfchain
<i>pdfresurrect</i>	0.04	0.7	http://www.757labs.com/projects/pdfresurrect/
<i>pem</i>	0.7.3	0.7.7	http://pjp.dgplug.org/tools/
<i>planner</i>	0.14.3	0.14.4	http://live.gnome.org/Planner
<i>planner-eds</i>	0.14.3	0.14.4	http://live.gnome.org/Planner
<i>pondus</i>	new	0.5.3	http://www.ephys.de/software/pondus/
<i>qelectrotech-symbols</i>	new	0.20	http://qelectrotech.org/
<i>qtpfsgui</i>	1.9.2	1.9.3	http://qtpfsgui.sourceforge.net/
<i>ratpoison</i>	1.4.1	1.4.5	http://www.nongnu.org/ratpoison/
<i>rednotebook</i>	0.6.6	0.8.6.1	http://digitaldump.wordpress.com/projects/rednotebook/

패키지	구 버전	신 버전	업스트림 URL
<i>remind</i>	03.01.06	03.01.07	http://www.roaringpenguin.com/en/penguin/openSourceProducts/remind
<i>remind-gui</i>	03.01.06	03.01.07	http://www.roaringpenguin.com/en/penguin/openSourceProducts/remind
<i>rkward</i>	0.5.0c	0.5.1	http://rkward.sourceforge.net/
<i>scribus</i>	1.3.5	1.3.5.1	http://www.scribus.net/
<i>skanlite</i>	new	0.3	http://docs.kde.org/development/en/extragear-graphics/skanlite/
<i>strigi</i>	0.6.4	0.7.0	http://www.vandenoever.info/software/strigi/
<i>syncevolution</i>	0.8.1a	0.9	http://syncevolution.org/
<i>tangogps</i>	0.9.6	0.9.9	http://www.tangogps.org/
<i>task</i>	new	1.8.2	http://taskwarrior.org
<i>taskcoach</i>	0.72.5	0.74.1	http://www.taskcoach.org/
<i>taskjuggler</i>	2.4.1	2.4.3	http://www.taskjuggler.org
<i>tasks</i>	0.15	0.16	http://pimlico-project.org/tasks.html
<i>tryton</i>	1.0.3	1.2.2	http://www.tryton.org
<i>veusz</i>	1.3	1.5	http://home.gna.org/veusz/
<i>vfrnav</i>	new	0.3	http://www.baycom.org/~tom/vfrnav
<i>vfrnav-utils</i>	new	0.3	http://www.baycom.org/~tom/vfrnav
<i>viking</i>	0.9.8	0.9.9	http://viking.sourceforge.net/
<i>vym</i>	1.12.2	1.12.4	http://www.insilmaril.de/vym/

패키지	구 버전	신 버전	업스트림 URL
<i>xca</i>	0.6.4	0.7.0	http://www.hohnstaedt.de/xca.html
<i>ytnef</i>	new	2.6	http://sourceforge.net/projects/ytnef/

표 18. 응용-생산 모든 변경 사항

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8.2.12. 응용-출판

패키지	구 버전	신 버전	업스트림 URL
<i>asymptote</i>	1.70	1.88	http://asymptote.sourceforge.net/
<i>bibtex2html</i>	new	1.94	http://www.lri.fr/~filliatr/bibtex2html/index.en.html
<i>blazeblogger</i>	new	1.0.0	http://blaze.blackened.cz/
<i>bugzilla</i>	3.2.3	3.4.2	http://www.bugzilla.org/
<i>bugzilla-contrib</i>	3.2.3	3.4.2	http://www.bugzilla.org/
<i>bugzilla-doc-build</i>	new	3.4.2	http://www.bugzilla.org/
<i>chmsee</i>	1.0.1	1.0.7	http://code.google.com/p/chmsee
<i>dblatex</i>	0.2.9	0.2.10	http://dblatex.sourceforge.net/
<i>dot2tex</i>	2.8.4	2.8.6	http://www.fauskes.net/code/dot2tex/
<i>drupal</i>	6.12	6.14	http://www.drupal.org
<i>drupal-date</i>	6.x.2.0	6.x.2.4	http://drupal.org/project/date
<i>drupal-views</i>	6.x.2.2	6.x.2.6	http://drupal.org/project/views
<i>dvisvgm</i>	new	0.8.6	http://dvisvgm.sourceforge.net
<i>evince</i>	2.26.1	2.28.1	http://projects.gnome.org/evince/
<i>evince-djvu</i>	2.26.1	2.28.1	http://projects.gnome.org/evince/

패키지	구 버전	신 버전	업스트림 URL
<i>evince-dvi</i>	2.26.1	2.28.1	http://projects.gnome.org/evince/
<i>fig2ps</i>	1.3.6	1.4.1	http://fig2ps.sourceforge.net/
<i>fontforge</i>	20090224	20090622	http://fontforge.sourceforge.net/
<i>gcolor2</i>	new	0.4	http://gcolor2.sourceforge.net/
<i>ghostscript</i>	8.64	8.70	http://www.ghostscript.com/
<i>ghostscript-gtk</i>	8.64	8.70	http://www.ghostscript.com/
<i>glabels</i>	2.2.4	2.2.5	http://glabels.sf.net
<i>gutenprint-cups</i>	5.2.3	5.2.4	http://gimp-print.sourceforge.net/
<i>gutenprint-extras</i>	5.2.3	5.2.4	http://gimp-print.sourceforge.net/
<i>hpijs</i>	3.9.2	3.9.8	http://hplip.sourceforge.net/
<i>html2wiki</i>	new	0.68	http://search.cpan.org/dist/HTML-WikiConverter/
<i>kcoloredit</i>	4.2.0	4.3.1	http://www.kde.org
<i>kiconedit</i>	4.2.0	4.3.1	http://www.kde.org
<i>kile</i>	2.0.3	2.1	http://kile.sourceforge.net/
<i>klatexformula</i>	new	3.0.1	http://klatexformula.sourceforge.net/
<i>latexmk</i>	4.05	4.10	http://www.phys.psu.edu/~collins/software/latexmk-jcc/
<i>linuxdoc-tools</i>	0.9.56	0.9.65	http://packages.qa.debian.org//linuxdoc-tools.html
<i>lyx</i>	1.6.2	1.6.4	http://www.lyx.org/
<i>lyx-cmex10-fonts</i>	new	1.6.4	http://www.lyx.org/
<i>lyx-cmmi10-fonts</i>	new	1.6.4	http://www.lyx.org/
<i>lyx-cmr10-fonts</i>	new	1.6.4	http://www.lyx.org/
<i>lyx-cmsy10-fonts</i>	new	1.6.4	http://www.lyx.org/
<i>lyx-common</i>	new	1.6.4	http://www.lyx.org/

패키지	구 버전	신 버전	업스트림 URL
<i>lyx-esint10-fonts</i>	new	1.6.4	http://www.lyx.org/
<i>lyx-eufm10-fonts</i>	new	1.6.4	http://www.lyx.org/
<i>lyx-fonts-common</i>	new	1.6.4	http://www.lyx.org/
<i>lyx-fonts-compact</i>	new	1.6.4	http://www.lyx.org/
<i>lyx-msam10-fonts</i>	new	1.6.4	http://www.lyx.org/
<i>lyx-msbm10-fonts</i>	new	1.6.4	http://www.lyx.org/
<i>lyx-wasy10-fonts</i>	new	1.6.4	http://www.lyx.org/
<i>moodle</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-af</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-ar</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-be</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-bg</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-bn</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-bs</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-ca</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-cs</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-cy</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-da</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-de</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-de_du</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-el</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-es</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-et</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-eu</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-fa</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-fi</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-fil</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-fr</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-fr_ca</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-ga</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-gl</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-gu</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-he</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-hi</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-hr</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-hu</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-hy</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-id</i>	1.9.4	1.9.5	http://moodle.org/

패키지	구 버전	신 버전	업스트림 URL
<i>moodle-is</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-it</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-ja</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-ka</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-kk</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-km</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-kn</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-ko</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-lo</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-lt</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-lv</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-mi_tn</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-mi_vvow</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-mk</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-ml</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-mn</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-ms</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-nl</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-nn</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-no</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-no_gr</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-pl</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-pt</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-pt_br</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-ro</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-ru</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-si</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-sk</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-sl</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-sm</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-so</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-sq</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-sr_cr</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-sr_cr_bo</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-sr_lt</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-sv</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-ta</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-ta_ik</i>	1.9.4	1.9.5	http://moodle.org/

패키지	구 버전	신 버전	업스트림 URL
<i>moodle-th</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-tl</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-to</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-tr</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-uk</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-uz</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-vi</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-zh_cn</i>	1.9.4	1.9.5	http://moodle.org/
<i>moodle-zh_tw</i>	1.9.4	1.9.5	http://moodle.org/
<i>nted</i>	1.5.0	1.8.1	http://vsr.informatik.tu-chemnitz.de/staff/jan/nted/nted.xhtml
<i>nted-doc</i>	1.5.0	1.8.1	http://vsr.informatik.tu-chemnitz.de/staff/jan/nted/nted.xhtml
<i>openlayers</i>	2.7	2.8	http://www.openlayers.org/
<i>pdf2djvu</i>	0.5.0	0.5.11	http://pdf2djvu.googlecode.com/
<i>pdfedit</i>	0.4.2	0.4.3	http://sourceforge.net/projects/pdfedit/
<i>pdfshuffler</i>	0.3.1	0.4.2	http://sourceforge.net/projects/pdfshuffler/
<i>phoronix-test-suite</i>	1.8.0	1.8.1	http://phoronix-test-suite.com/
<i>podofu</i>	new	0.7.0	http://podofu.sourceforge.net
<i>psutils-perl</i>	new	1.17	n/a
<i>pyliblo</i>	new	0.8.0	http://das.nasophon.de/pyliblo/
<i>pypoppler</i>	new	0.10.1	https://launchpad.net/poppler-python
<i>sk1</i>	new	0.9.1	http://sk1project.org
<i>t1utils</i>	1.33	1.34	http://www.lcdf.org/~eddiwo/type/
<i>tetex-bytefield</i>	1.2a	dropped	http://www.ctan.org/tex-archive/help/Catalogue/entries/bytefield.html
<i>tetex-elsevier</i>	0.1.20071024	0.1.20081007	http://www.elsevier.com/locate/latex

패키지	구 버전	신 버전	업스트림 URL
<i>tetex-perltex</i>	1.7	1.9	http://www.ctan.org/tex-archive/help/Catalogue/entries/perltex.html
<i>tetex-prosper</i>	1.5	dropped	http://www.ctan.org/tex-archive/help/Catalogue/entries/prosper.html
<i>texmaker</i>	1.8	1.9.2	http://www.xm1math.net/texmaker/
<i>wordpress</i>	2.7.1	2.8.5	http://www.wordpress.org
<i>wordpress-mu</i>	2.7	2.8.4a	http://mu.wordpress.org/latest.tar.gz
<i>wordpress-mu-plugin-add-to-any</i>	new	0.9.9.2.3	http://wordpress.org/extend/plugins/add-to-any/
<i>wordpress-mu-plugin-add-to-any-subscribe</i>	new	0.9.6.4.1	http://wordpress.org/extend/plugins/add-to-any-subscribe/
<i>wordpress-mu-plugin-defaults</i>	new	1.2.3	http://wpmudev.org/project/New-Blog-Defaults
<i>wordpress-plugin-add-to-any</i>	new	0.9.9.2.3	http://wordpress.org/extend/plugins/add-to-any/
<i>wordpress-plugin-add-to-any-i18n</i>	new	0.9.9.2.3	http://wordpress.org/extend/plugins/add-to-any/
<i>wordpress-plugin-add-to-any-subscribe</i>	new	0.9.6.4.1	http://wordpress.org/extend/plugins/add-to-any-subscribe/
<i>wordpress-plugin-add-to-any-subscribe-i18n</i>	new	0.9.6.4.1	http://wordpress.org/extend/plugins/add-to-any-subscribe/
<i>xchm</i>	1.14	1.17	http://xchm.sourceforge.net/
<i>xgridfit</i>	1.17	1.19	http://xgridfit.sf.net/
<i>zikula</i>	1.1.1	1.1.2	http://www.zikula.org/
<i>zikula-module-MultiHook</i>	new	5.0	http://code.zikula.org/multihook/
<i>zikula-module-News</i>	new	2.4.1	http://code.zikula.org/news

패키지	구 버전	신 버전	업스트림 URL
<i>zikula-module-crptag</i>	new	0.1.3	http://code.zikula.org/crptag
<i>zikula-module-feeds</i>	new	2.1	http://community.zikula.org/module-Extensions-display-ot-component-componentid-28.htm
<i>zikula-module-scribite</i>	new	3.2	http://code.zikula.org/scribite/downloads/

표 19. 응용-출판 모든 변경 사항

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8.2.13. 응용-시스템

패키지	구 버전	신 버전	업스트림 URL
<i>389-admin-console</i>	new	1.1.4	http://port389.org
<i>389-console</i>	new	1.1.3	http://port389.org
<i>389-ds-console</i>	new	1.2.0	http://port389.org
<i>FUR</i>	new	0.4.6	http://www.infis.univ.ts.it/~riccardo/FUR.html
<i>abrt</i>	0.0.3	0.0.11	https://fedorahosted.org/abrt/
<i>acpi</i>	0.09	1.4	http://sourceforge.net/projects/acpiclient/
<i>acpitoold</i>	0.5	0.5.1	http://freeunix.dyndns.org:8000/site2/acpitoold.shtml
<i>afftools</i>	3.3.4	3.4.1	http://www.afflib.org
<i>agedu</i>	new	0	http://www.chiark.greenend.org.uk/~sgtatham/agedu/
<i>aimage</i>	3.2.0	3.2.1	http://www.afflib.org
<i>alacarte</i>	0.11.10	0.12.4	http://www.gnome.org
<i>alsa-tools-firmware</i>	1.0.19	1.0.20	http://www.alsa-project.org/
<i>amavisd-new</i>	2.6.2	2.6.4	http://www.ijs.si/software/amavisd/
<i>amavisd-new-snmp</i>	new	2.6.4	http://www.ijs.si/software/amavisd/

패키지	구 버전	신 버전	업스트림 URL
<i>anaconda</i>	11.5.0.59	12.46	http://fedoraproject.org/wiki/Anaconda
<i>anyremote</i>	4.18.1	5.0	http://anyremote.sourceforge.net/
<i>anyremote-data</i>	4.18.1	5.0	http://anyremote.sourceforge.net/
<i>anyremote-doc</i>	4.18.1	5.0	http://anyremote.sourceforge.net/
<i>anyremote2html</i>	0.9	1.0	http://anyremote.sourceforge.net/
<i>apcupsd-gui</i>	3.14.5	3.14.7	http://www.apcupsd.com
<i>asciidoc</i>	8.2.5	8.4.5	http://www.methods.co.nz/asciidoc/
<i>audit-viewer</i>	0.4	0.5.1	https://fedorahosted.org/audit-viewer/
<i>autoarchive</i>	new	0.1.2	http://autoarchive.sourceforge.net/
<i>beesu</i>	2.3	2.4	http://www.honeybeenet.altervista.org
<i>bios_extract</i>	new	0	http://cgit.freedesktop.org/~libv/bios_extract
<i>bitmap-fonts-cjk</i>	0.3	dropped	n/a
<i>bltk</i>	1.0.8	1.0.9	http://www.lesswatts.org/projects/bltk/
<i>blueman</i>	new	1.10	http://blueman-project.org/
<i>bluez</i>	4.37	4.57	http://www.bluez.org/
<i>bonnie++</i>	1.03c	1.03e	http://www.coker.com.au/bonnie++/
<i>brlapi</i>	0.5.2	0.5.4	http://mielke.cc/brlty/
<i>bug-buddy</i>	2.26.0	dropped	http://www.gnome.org
<i>cacti</i>	0.8.7d	0.8.7e	http://www.cacti.net/
<i>certmaster</i>	0.24	0.25	https://fedorahosted.org/certmaster
<i>cfengine</i>	2.2.8	2.2.10	http://www.cfengine.org/

패키지	구 버전	신 버전	업스트림 URL
<i>cobbler</i>	1.6.2	2.0.0	http://fedorahosted.org/cobbler
<i>collectl</i>	3.2.1	3.3.5	http://collectl.sourceforge.net
<i>comps-extras</i>	16	17	http://git.fedorahosted.org/git/?p=comps-extras.git;a=summary
<i>condor</i>	7.2.1	7.2.4	http://www.cs.wisc.edu/condor/
<i>condor-ec2-enhanced</i>	new	1.0	http://www.redhat.com/mrg
<i>condor-ec2-enhanced-hooks</i>	new	1.0	http://www.redhat.com/mrg
<i>condor-job-hooks</i>	new	1.0	http://www.redhat.com/mrg
<i>condor-kbdd</i>	7.2.1	7.2.4	http://www.cs.wisc.edu/condor/
<i>condor-low-latency</i>	new	1.0	http://www.redhat.com/mrg
<i>congruity</i>	new	13	http://sourceforge.net/projects/congruity
<i>conman</i>	0.2.2	0.2.5	http://home.gna.org/conman/
<i>cryptsetup-luks</i>	1.0.6	1.1.0	http://cryptsetup.googlecode.com/
<i>cryptsetup-luks-libs</i>	new	1.1.0	http://cryptsetup.googlecode.com/
<i>custom-kickstarts</i>	new	0.12.0	http://fedorahosted.org/spin-kickstarts
<i>cyrus-imapd-utils</i>	2.3.14	2.3.15	http://cyrusimap.web.cmu.edu/
<i>dirsplit</i>	new	1.1.9	http://cdrkit.org/
<i>drbdlinks</i>	new	1.18	http://www.tummy.com/Community/software/drbdlinks/
<i>dvtm</i>	new	0.5.2	http://www.brain-dump.org/projects/dvtm/
<i>em8300</i>	0.17.2	0.17.3	http://dxr3.sourceforge.net/
<i>fabric</i>	0.1.1	0.9	http://www.nongnu.org/fab

패키지	구 버전	신 버전	업스트림 URL
<i>fbterm</i>	1.4	1.5	http://code.google.com/p/fbterm/
<i>fcoe-utils</i>	1.0.7	1.0.8	http://www.open-fcoe.org
<i>fedora-kickstarts</i>	new	0.12.0	http://fedorahosted.org/spin-kickstarts
<i>filelight</i>	1.0	1.9	http://www.methylblue.com/filelight/
<i>fio</i>	1.24	1.34	http://git.kernel.dk/?p=fio.git;a=summary
<i>firmware-addon-dell</i>	1.4.8	2.1.2	http://linux.dell.com/libsbios/download/
<i>firmware-tools</i>	1.5.6	2.1.5	http://linux.dell.com/libsbios/download/
<i>firstaidkit</i>	0.2.2	0.2.7	http://fedorahosted.org/firstaidkit
<i>firstaidkit-devel</i>	0.2.2	0.2.7	http://fedorahosted.org/firstaidkit
<i>firstaidkit-gui</i>	0.2.2	0.2.7	http://fedorahosted.org/firstaidkit
<i>firstaidkit-plugin-all</i>	0.2.2	0.2.7	http://fedorahosted.org/firstaidkit
<i>firstaidkit-plugin-grub</i>	0.2.2	0.2.7	http://fedorahosted.org/firstaidkit
<i>firstaidkit-plugin-key-recovery</i>	new	0.2.7	http://fedorahosted.org/firstaidkit
<i>firstaidkit-plugin-mdadm-conf</i>	0.2.2	0.2.7	http://fedorahosted.org/firstaidkit
<i>firstaidkit-plugin-passwd</i>	0.2.2	0.2.7	http://fedorahosted.org/firstaidkit
<i>firstaidkit-plugin-xserver</i>	0.2.2	0.2.7	http://fedorahosted.org/firstaidkit
<i>flashrom</i>	0	0.9.1	http://flashrom.org
<i>freeipmi</i>	0.7.8	0.7.12	http://www.gnu.org/software/freeipmi/
<i>freeipmi-bmc-watchdog</i>	0.7.8	0.7.12	http://www.gnu.org/software/freeipmi/
<i>freeipmi-ipmidetectd</i>	0.7.8	0.7.12	http://www.gnu.org/software/freeipmi/
<i>func</i>	0.24	0.25	https://fedorahosted.org/func/

패키지	구 버전	신 버전	업스트림 URL
<i>fwbuilder</i>	3.0.3	3.0.5	http://www.fwbuilder.org/
<i>fwbuilder-cisco</i>	3.0.3	3.0.5	http://www.fwbuilder.org/
<i>fwbuilder-ipf</i>	3.0.3	3.0.5	http://www.fwbuilder.org/
<i>fwbuilder-ipfw</i>	3.0.3	3.0.5	http://www.fwbuilder.org/
<i>fwbuilder-ipt</i>	3.0.3	3.0.5	http://www.fwbuilder.org/
<i>fwbuilder-pf</i>	3.0.3	3.0.5	http://www.fwbuilder.org/
<i>gadmin-squid</i>	0.1.0	dropped	http://sebuka.org/gadmintools/index.php?option=com_content&task=view&id=
<i>gammu</i>	1.23.92	1.25.0	http://cihar.com/gammu/
<i>ganyremote</i>	5.8	5.10	http://anyremote.sourceforge.net/
<i>gbdfed</i>	1.4	1.5	http://www.math.nmsu.edu/~mleisher/Software/gbdfed/
<i>gcalctool</i>	5.26.1	5.28.1	http://directory.fsf.org/gcalctool.html
<i>gconf-cleaner</i>	0.0.2	0.0.3	http://code.google.com/p/gconf-cleaner/
<i>gconf-editor</i>	2.26.0	2.28.0	http://www.gnome.org
<i>gipfel</i>	0.3.1	0.3.2	http://www.ecademix.com/JohannesHofmann/gipfel.html
<i>gkrellm-top</i>	2.2.11	2.2.13	http://gkrelltop.sourceforge.net/
<i>gnome-applet-bubblemon</i>	new	2.0.14	http://www.nongnu.org/bubblemon/
<i>gnome-mount</i>	0.8	dropped	n/a
<i>gnome-mount-nautilus-properties</i>	0.8	dropped	n/a
<i>gnome-packagekit</i>	2.27.2	2.28.2	http://www.packagekit.org

패키지	구 버전	신 버전	업스트림 URL
<i>gnome-packagekit-extra</i>	2.27.2	2.28.2	http://www.packagekit.org
<i>gnome-power-manager</i>	2.26.1	2.28.1	http://projects.gnome.org/gnome-power-manager/
<i>gnome-power-manager-extra</i>	new	2.28.1	http://projects.gnome.org/gnome-power-manager/
<i>gnome-specimen</i>	0.3	0.4	http://uwstopia.nl/geek/projects/gnome-specimen/
<i>gnome-system-log</i>	new	2.28.1	http://www.gnome.org
<i>gnome-system-monitor</i>	2.26.1	2.28.0	http://www.gnome.org/
<i>gnome-utils</i>	2.26.0	2.28.1	http://www.gnome.org
<i>gnomint</i>	0.9.1	1.0.0	http://gnomint.sourceforge.net/
<i>gnupg</i>	1.4.9	1.4.10	http://www.gnupg.org/
<i>gnupg2</i>	2.0.11	2.0.13	http://www.gnupg.org/
<i>gnutls-utils</i>	2.6.6	2.8.5	http://www.gnutls.org/
<i>gpa</i>	0.7.6	0.8.0	http://gpa.wald.intevation.org/
<i>gparted</i>	0.4.4	0.4.6	http://gparted.sourceforge.net
<i>gpgme</i>	1.1.7	1.1.8	http://www.gnupg.org/related_software/gpgme/
<i>gridengine</i>	6.2u2_1	6.2u3	http://gridengine.sunsource.net/
<i>gspiceui</i>	0.9.65	0.9.97	http://sourceforge.net/projects/gspiceui
<i>gucharmap</i>	2.26.1	2.28.1	http://live.gnome.org/Gucharmap
<i>hdparm</i>	9.12	9.16	http://sourceforge.net/projects/hdparm/
<i>hplip-gui</i>	3.9.2	3.9.8	http://hplip.sourceforge.net/
<i>htop</i>	0.8.1	0.8.3	http://htop.sourceforge.net/
<i>hwbrowser</i>	0.42	0.43	n/a
<i>im-chooser</i>	1.2.6	1.2.7	http://fedorahosted.org/im-chooser/

패키지	구 버전	신 버전	업스트림 URL
<i>imsettings</i>	0.106.2	0.107.4	http://code.google.com/p/imsettings/
<i>imsettings-xfce</i>	0.106.2	0.107.4	http://code.google.com/p/imsettings/
<i>iok</i>	1.3.4	1.3.8	http://iok.sourceforge.net
<i>iotop</i>	0.2.1	0.3	http://guichaz.free.fr/iotop/
<i>iproute-doc</i>	new	2.6.29	http://linux-net.osdl.org/index.php/lproute2
<i>kanyremote</i>	5.8.2	5.10	http://anyremote.sourceforge.net/
<i>kdeadmin-kpackage</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdeutils</i>	4.2.2	4.3.2	http://www.kde.org
<i>kdeutils-printer-applet</i>	4.2.2	4.3.2	http://www.kde.org
<i>keychecker</i>	new	0.2	https://fedorahosted.org/keychecker
<i>koan</i>	1.6.1	1.6.6	http://fedorahosted.org/cobbler/
<i>kpackagekit</i>	0.4.0	0.5.0.3	http://www.kde-apps.org/content/show.php/KPackageKit?content=84745
<i>kudzu</i>	1.2.85	1.2.86	http://fedorahosted.org/releases/k/u/kudzu/
<i>l10n-kickstarts</i>	new	0.12.0	http://fedorahosted.org/spin-kickstarts
<i>latencytop</i>	0.4	0.5	http://www.latencytop.org/
<i>lesstif-clients</i>	0.95.0	0.95.2	http://www.lesstif.org/
<i>libdc1394-tools</i>	2.1.0	2.1.2	http://sourceforge.net/projects/libdc1394/
<i>libhugetlbfs-utils</i>	2.2	2.6	http://libhugetlbfs.sourceforge.net/
<i>libsmbclient</i>	3.3.2	3.4.2	http://www.samba.org/
<i>libvirt-qpid</i>	0.2.12	0.2.17	http://libvirt.org/qpid
<i>limph</i>	1.9.5	1.9.6	http://doc.jcomserv.net/index.php/Limph
<i>limph-common</i>	1.9.5	1.9.6	http://doc.jcomserv.net/index.php/Limph

패키지	구 버전	신 버전	업스트림 URL
<i>limph-hostagent</i>	1.9.5	1.9.6	http://doc.jcomserv.net/index.php/Limph
<i>liveusb-creator</i>	3.6.5	3.7.3	https://fedorahosted.org/liveusb-creator
<i>lm_sensors</i>	3.1.0	3.1.1	http://www.lm-sensors.org/
<i>lxc</i>	new	0.6.3	http://lxc.sourceforge.net
<i>mach</i>	0.9.4	0.9.5	http://thomas.apestaart.org/projects/mach/
<i>matahari</i>	new	0.0.4	http://arjunroy.fedorapeople.org/matahari/index.html
<i>medusa</i>	new	1.5	http://www.foofus.net/jmk/medusa/medusa.html
<i>mlocate</i>	0.22	0.22.2	https://fedorahosted.org/mlocate/
<i>moreutils</i>	0.34	0.36	http://kitenet.net/~joey/code/moreutils/
<i>mtools</i>	4.0.10	4.0.11	http://mtools.linux.lu/
<i>munge</i>	new	0.5.8	http://home.gna.org/munge/
<i>munge-devel</i>	new	0.5.8	http://home.gna.org/munge/
<i>nagios</i>	3.0.6	3.2.0	http://www.nagios.org/
<i>nagios-devel</i>	3.0.6	3.2.0	http://www.nagios.org/
<i>nbd</i>	2.9.10	2.9.13	http://nbd.sourceforge.net/
<i>ndoutils</i>	new	1.4	http://www.nagios.org/download/addons/
<i>ndoutils-mysql</i>	new	1.4	http://www.nagios.org/download/addons/
<i>nmap</i>	4.76	5.00	http://nmap.org/
<i>nmap-frontend</i>	4.76	5.00	http://nmap.org/

표 20. 응용-시스템 모든 변경 사항

패키지	구 버전	신 버전	업스트림 URL
<i>ntp-perl</i>	4.2.4p6	4.2.4p7	http://www.ntp.org
<i>ntpdate</i>	4.2.4p6	4.2.4p7	http://www.ntp.org

패키지	구 버전	신 버전	업스트림 URL
<i>ophcrack</i>	new	3.3.0	http://ophcrack.sourceforge.net
<i>oscilloscope</i>	new	0.9.1	http://userweb.kernel.org/~acme/tuna/
<i>ovaldi</i>	5.5.4	5.5.25	http://oval.mitre.org/language/download/interpreter/index.html
<i>ovirt-server</i>	new	0.100	http://ovirt.org/
<i>ovirt-server-installer</i>	new	0.100	http://ovirt.org/
<i>parted</i>	1.8.8	1.9.0	http://www.gnu.org/software/parted
<i>pciutils</i>	3.1.2	3.1.4	http://atrey.karlin.mff.cuni.cz/~mj/pciutils.shtml
<i>pessulus</i>	2.23.1	2.27.92	http://live.gnome.org/Pessulus
<i>pgp-tools</i>	1.0	1.1	http://pgp-tools.alioth.debian.org/
<i>pinentry</i>	0.7.4	0.7.6	http://www.gnupg.org/aegypten/
<i>pinentry-gtk</i>	0.7.4	0.7.6	http://www.gnupg.org/aegypten/
<i>pinentry-qt</i>	0.7.4	0.7.6	http://www.gnupg.org/aegypten/
<i>pipestat</i>	new	0.3.0	http://code.google.com/p/pipestat/
<i>plymouth-gdm-hooks</i>	0.7.0	0.8.0	http://freedesktop.org/software/plymouth/releases
<i>plymouth-scripts</i>	0.7.0	0.8.0	http://freedesktop.org/software/plymouth/releases
<i>plymouth-utils</i>	0.7.0	0.8.0	http://freedesktop.org/software/plymouth/releases
<i>pnp4nagios</i>	0.4.12	0.4.14	http://www.pnp4nagios.org/
<i>polkit-gnome</i>	new	0.95	http://www.freedesktop.org/wiki/Software/PolicyKit
<i>postfix-perl-scripts</i>	2.5.6	2.6.5	http://www.postfix.org

패키지	구 버전	신 버전	업스트림 URL
<i>powerman</i>	2.3.4	2.3.5	http://sourceforge.net/projects/powerman
<i>powerman-devel</i>	2.3.4	2.3.5	http://sourceforge.net/projects/powerman
<i>preload</i>	0.6.3	0.6.4	http://preload.sf.net/
<i>procinfo-ng</i>	2.0.217	2.0.304	http://sourceforge.net/projects/procinfo-ng/
<i>procps</i>	3.2.7	3.2.8	http://procps.sourceforge.net
<i>pyjigdo</i>	0.3.0	0.4.0.1	http://fedorahosted.org/pyjigdo
<i>python-condor-ec2-enhanced-hooks-common</i>	new	1.0	http://www.redhat.com/mrg
<i>python-condor-job-hooks-common</i>	new	1.0	http://www.redhat.com/mrg
<i>python-libs</i>	2.6	2.6.2	http://www.python.org/
<i>rcssserver</i>	13.2.0	13.2.2	http://sourceforge.net/projects/sserver/
<i>rcssserver-gui</i>	13.2.0	13.2.2	http://sourceforge.net/projects/sserver/
<i>referencer</i>	1.1.5	1.1.6	http://icculus.org/referencer
<i>revisor</i>	2.1.4	2.1.8	http://fedorahosted.org/revisor
<i>revisor-cli</i>	2.1.4	2.1.8	http://fedorahosted.org/revisor
<i>revisor-cobbler</i>	2.1.4	2.1.8	http://fedorahosted.org/revisor
<i>revisor-comps</i>	2.1.4	2.1.8	http://fedorahosted.org/revisor
<i>revisor-gui</i>	2.1.4	2.1.8	http://fedorahosted.org/revisor
<i>revisor-isolinux</i>	2.1.4	2.1.8	http://fedorahosted.org/revisor
<i>revisor-mock</i>	2.1.4	2.1.8	http://fedorahosted.org/revisor
<i>revisor-reuseinstaller</i>	2.1.4	2.1.8	http://fedorahosted.org/revisor
<i>revisor-unity</i>	2.1.4	2.1.8	http://fedorahosted.org/revisor
<i>roundcubemail</i>	0.2.1	0.3	http://www.roundcube.net

패키지	구 버전	신 버전	업스트림 URL
<i>rpmconf</i>	new	0.1.8	http://wiki.github.com/xsuchy/rpmconf
<i>sabayon</i>	2.25.0	2.28.1	http://www.gnome.org/projects/sabayon
<i>sabayon-apply</i>	2.25.0	2.28.1	http://www.gnome.org/projects/sabayon
<i>safecopy</i>	new	1.4	http://safecopy.sourceforge.net/
<i>samba-client</i>	3.3.2	3.4.2	http://www.samba.org/
<i>samba-common</i>	3.3.2	3.4.2	http://www.samba.org/
<i>samba-domainjoin-gui</i>	3.3.2	3.4.2	http://www.samba.org/
<i>samba-swat</i>	3.3.2	3.4.2	http://www.samba.org/
<i>samba-winbind</i>	3.3.2	3.4.2	http://www.samba.org/
<i>sblim-cmpi-base</i>	1.5.7	1.5.9	http://sblim.wiki.sourceforge.net/
<i>sblim-cmpi-base-test</i>	1.5.7	1.5.9	http://sblim.wiki.sourceforge.net/
<i>sdparm</i>	1.03	1.04	http://sg.danny.cz/sg/sdparm.html
<i>sectool</i>	0.9.1	0.9.4	https://hosted.fedoraproject.org/sectool/wiki/WikiStart
<i>sectool-gui</i>	0.9.1	0.9.4	https://hosted.fedoraproject.org/sectool/wiki/WikiStart
<i>ser2net</i>	2.5	2.6	http://ser2net.sourceforge.net/
<i>setroubleshoot</i>	2.1.8	2.2.42	https://fedorahosted.org/setroubleshoot
<i>setroubleshoot-plugins</i>	2.0.16	2.1.29	https://fedorahosted.org/setroubleshoot
<i>setroubleshoot-server</i>	2.1.8	2.2.42	https://fedorahosted.org/setroubleshoot
<i>setuptools</i>	1.19.5	1.19.9	http://git.fedorahosted.org/git/?p=setuptools.git
<i>sg3_utils</i>	1.26	1.27	http://sg.danny.cz/sg/sg3_utils.html
<i>shcov</i>	4	5	http://code.google.com/p/shcov/

패키지	구 버전	신 버전	업스트림 URL
<i>shorewall</i>	4.2.7	4.4.1	http://www.shorewall.net/
<i>shorewall-lite</i>	4.2.7	4.4.1	http://www.shorewall.net/
<i>shorewall6</i>	4.2.7	4.4.1	http://www.shorewall.net/
<i>shorewall6-lite</i>	4.2.7	4.4.1	http://www.shorewall.net/
<i>smem</i>	new	0.1	http://www.selenic.com/smem/
<i>spawn</i>	new	0.1	http://code.google.com/p/spawntool/
<i>spin-kickstarts</i>	0.11.3	0.12.0	http://fedorahosted.org/spin-kickstarts
<i>srm</i>	1.2.9	1.2.10	http://srm.sourceforge.net/
<i>sssd</i>	0.3.2	0.7.1	http://fedorahosted.org/sssd
<i>subtitlecomposer</i>	0.5.2	0.5.3	http://kde-apps.org/content/show.php/Subtitle+Composer?content=69822
<i>sudo</i>	1.6.9p17	1.7.1	http://www.courtesan.com/sudo/
<i>sys_basher</i>	new	1.1.23	http://www.polybus.com/sys_basher_web/
<i>sysstat</i>	8.0.4	9.0.4	http://perso.orange.fr/sebastien.godard/
<i>system-config-audit</i>	0.4.8	0.4.13	https://fedorahosted.org/system-config-audit/
<i>system-config-bind</i>	4.0.12	4.0.15	http://fedorahosted.org/system-config-bind
<i>system-config-boot</i>	0.3.0	0.4.1	http://fedoraproject.org/wiki/SystemConfig/boot
<i>system-config-httpd</i>	1.4.4	1.4.6	http://www.redhat.com/
<i>system-config-lvm</i>	1.1.4	1.1.10	http://www.redhat.com/
<i>system-config-network</i>	1.5.97	1.5.99	http://fedoraproject.org/wiki/SystemConfig/network

패키지	구 버전	신 버전	업스트림 URL
<i>system-config-network-tui</i>	1.5.97	1.5.99	http://fedoraproject.org/wiki/SystemConfig/network
<i>system-config-services</i>	0.99.33	0.99.41	http://fedorahosted.org/system-config-services
<i>system-config-users</i>	1.2.86	1.2.94	http://fedorahosted.org/system-config-users
<i>system-switch-java</i>	1.1.4	1.1.5	https://fedorahosted.org/system-switch-java
<i>system-switch-mail</i>	0.5.26	1.0	n/a
<i>system-switch-mail-gnome</i>	0.5.26	1.0	n/a
<i>testdisk</i>	6.10	6.11	http://www.cgsecurity.org/wiki/TestDisk
<i>tpm-tools</i>	1.3.1	1.3.3	http://trousers.sourceforge.net
<i>tpm-tools-pkcs11</i>	new	1.3.3	http://trousers.sourceforge.net
<i>tracker</i>	0.6.94	0.6.95	http://projects.gnome.org/tracker/
<i>tuna</i>	new	0.9.1	http://userweb.kernel.org/~acme/tuna/
<i>tuned-utils</i>	0.1.5	0.2.5	https://fedorahosted.org/tuned/
<i>unbound-libs</i>	1.2.1	1.3.4	http://www.nlnetlabs.nl/unbound/
<i>usb_modeswitch</i>	0.9.6	1.0.5	http://www.draisberghof.de/usb_modeswitch/
<i>usbmuxd</i>	new	0.1.4	http://cgit.pims.selfip.net/usbmuxd/
<i>usbutils</i>	0.73	0.86	http://www.linux-usb.org/
<i>usermode</i>	1.100	1.102	https://fedorahosted.org/usermode/

패키지	구 버전	신 버전	업스트림 URL
<i>usermode-gtk</i>	1.100	1.102	https://fedorahosted.org/usermode/
<i>util-vserver-build</i>	0.30.215	0.30.215+svn2847	http://savannah.nongnu.org/projects/util-vserver/
<i>util-vserver-core</i>	0.30.215	0.30.215+svn2847	http://savannah.nongnu.org/projects/util-vserver/
<i>util-vserver-legacy</i>	0.30.215	0.30.215+svn2847	http://savannah.nongnu.org/projects/util-vserver/
<i>vacation</i>	new	1.2.7.0	http://sourceforge.net/projects/vacation/
<i>vinagre</i>	2.26.1	2.28.1	http://projects.gnome.org/vinagre/
<i>virt-viewer</i>	0.0.3	0.2.0	http://virt-manager.org/
<i>volume_key</i>	new	0.3	https://fedorahosted.org/volume_key/
<i>websvn</i>	new	2.2.1	http://www.websvn.info
<i>xmlto</i>	0.0.22	0.0.23	https://fedorahosted.org/xmlto/
<i>xmlto-tex</i>	0.0.22	0.0.23	https://fedorahosted.org/xmlto/
<i>xmlto-xhtml</i>	0.0.22	0.0.23	https://fedorahosted.org/xmlto/
<i>yelp</i>	2.26.0	2.28.0	http://live.gnome.org/Yelp
<i>ykclient</i>	new	2.3	http://yubico-c-client.googlecode.com/
<i>yumex</i>	2.0.5	2.9.3	http://www.yum-extender.org
<i>zenity</i>	2.26.0	2.28.0	http://directory.fsf.org/zenity.html
<i>zyx-liveinstaller</i>	new	0.1.16	http://www.filteredperception.org/smiley/projects/zyx-liveinstaller

표 21. All Applications-System changes (cont'd)

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8.2.14. 응용-텍스트

패키지	구 버전	신 버전	업스트림 URL
<i>AGReader</i>	new	1.2	http://main.aminet.net/misc/unix/
<i>acheck</i>	new	0.5.1	http://packages.debian.org/etch/acheck
<i>acheck-rules</i>	new	0.3.1	http://packages.debian.org/etch/acheck-rules
<i>agrep</i>	0.7.5	0.7.6	http://laurikari.net/tre/
<i>autocorr-af</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-bg</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-cs</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-da</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-de</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-en</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-es</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-eu</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-fa</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-fi</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-fr</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-hu</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-it</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-ja</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-ko</i>	3.1.0	3.1.1	http://www.openoffice.org/

패키지	구 버전	신 버전	업스트림 URL
<i>autocorr-lb</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-mn</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-nl</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-pl</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-pt</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-ru</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-sk</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-sl</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-sv</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-tr</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-vi</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>autocorr-zh</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>ccze</i>	new	0.2.1	http://bonehunter.rulez.org/CCZE.html
<i>colordiff</i>	1.0.8a	1.0.9	http://colordiff.sourceforge.net/
<i>docbook-style-xsl</i>	1.74.3	1.75.2	http://docbook.sourceforge.net/projects/xsl/
<i>docbook5-style-xsl</i>	1.74.3	1.75.2	http://docbook.sourceforge.net/projects/xsl/
<i>ebview</i>	0.3.6	0.3.6.2	http://packages.qa.debian.org/e/ebview.html
<i>enca</i>	1.9	1.10	http://gitorious.org/enca
<i>gawk</i>	3.1.6	3.1.7	http://www.gnu.org/software/gawk/gawk.html

패키지	구 버전	신 버전	업스트림 URL
<i>grepmail</i>	5.3033	5.3034	http://search.cpan.org/dist/grepmail/
<i>hunspell-ak</i>	new	0.3	http://kasahorow.org/content/akan-ns\mfuaasekyer
<i>hunspell-am</i>	new	0.20090704	http://www.cs.ru.nl/~biniam/geez/index.php
<i>hunspell-as</i>	new	1.0.3	http://extensions.services.openoffice.org/project/AssameseDict
<i>hunspell-be</i>	0.1	1.1	http://extensions.services.openoffice.org/project/dict-be-official
<i>hunspell-br</i>	0.20030417	0.2	http://www.drouzig.org/
<i>hunspell-ca</i>	0.20090311	0.20090630	http://www.softcatala.org/wiki/Projectes/Corrector_ortogràfic
<i>hunspell-cv</i>	new	1.01	http://hunspell.chv.su/download.shtml
<i>hunspell-da</i>	1.7.27	1.7.29	http://da.speling.org/
<i>hunspell-et</i>	new	0.20030606	http://www.meso.ee/~jjpp/speller/
<i>hunspell-fo</i>	0.2.35	0.2.37	http://fo.speling.org/
<i>hunspell-fr</i>	2.3.2	3.4	http://www.dicollecte.org/home.php?prj=fr
<i>hunspell-gd</i>	0.1.1	1.0.0	http://www.sealgar.co.uk/spell.jsp
<i>hunspell-hil</i>	0.20050406	0.13	http://extensions.services.openoffice.org/project/hunspell-hil
<i>hunspell-hu</i>	1.4	1.5	http://magyarispell.sourceforge.net
<i>hunspell-is</i>	0.20060928	0.20090823	http://extensions.services.openoffice.org/project/dict-is
<i>hunspell-kk</i>	new	1.1	http://extensions.services.openoffice.org/project/dict-kk
<i>hunspell-km</i>	1.0.2	1.1	http://www.sbbic.org/

패키지	구 버전	신 버전	업스트림 URL
<i>hunspell-kn</i>	new	1.0.3	http://extensions.services.openoffice.org/project/kannada
<i>hunspell-ko</i>	new	0.3.3	http://code.google.com/p/spellcheck-ko/
<i>hunspell-ky</i>	new	0.20090415	http://borel.slu.edu/crubadan/
<i>hunspell-ln</i>	new	0.02	http://lingala.sourceforge.net/
<i>hunspell-lv</i>	0.7.4	0.8.2	http://dict.dv.lv/
<i>hunspell-mn</i>	0.60.2	0.20080709	http://mnsPELL.openmn.org
<i>hunspell-mos</i>	new	0.20090806	http://www.abcburkina.net/content/view/377/48/lang,fr
<i>hunspell-ne</i>	20061217	20080425	http://nepalinux.org/downloads
<i>hunspell-nl</i>	1.00g	1.10	http://www.opentaal.org/english.php
<i>hunspell-pl</i>	0.20090315	0.20090908	http://www.kurnik.pl/dictionary/
<i>hunspell-pt</i>	0.20090309	0.20090702	http://www.broffice.org/verortografico/baixar
<i>hunspell-quh</i>	new	0.20081017	http://www.runasimipi.org/blanco-en.php?file=desarrollar-orto
<i>hunspell-se</i>	new	1.0	http://www.divvun.no/index.html
<i>hunspell-shs</i>	new	0.20090828	http://secpewt.sd73.bc.ca/wordlist
<i>hunspell-smj</i>	new	1.0	http://www.divvun.no/index.html
<i>hunspell-so</i>	new	0.1.3	http://www.opensourcesomalia.org/index.php?page=hingaad-saxe
<i>hunspell-sr</i>	0.20080711	0.20090511	http://extensions.services.openoffice.org/project/dict-sr
<i>hunspell-sv</i>	1.30	1.39	http://dSSO.se/

패키지	구 버전	신 버전	업스트림 URL
<i>hunspell-ta</i>	20060222	20090929	http://amachu.net
<i>hunspell-ti</i>	new	0.20090911	http://www.cs.ru.nl/~biniam/geez/index.php
<i>hunspell-uk</i>	1.5.7	1.6.0	http://sourceforge.net/projects/ispell-uk
<i>hunspell-ur</i>	0.6	0.64	http://urdudictionary.codeplex.com
<i>hyphen-as</i>	new	0.20090924	http://wiki.smc.org.in
<i>hyphen-be</i>	new	1.1	http://extensions.services.openoffice.org/project/dict-be-official
<i>hyphen-bn</i>	new	0.20090924	http://wiki.smc.org.in
<i>hyphen-ca</i>	0.20030920	0.9.2	http://extensions.services.openoffice.org/project/ca_hyph
<i>hyphen-cy</i>	new	0.20080619	http://tug.org/tex-hyphen
<i>hyphen-eu</i>	new	0.20080628	http://tp.lc.ehu.es/jma/basque.html
<i>hyphen-fo</i>	new	0.20040420	http://fo.speling.org/
<i>hyphen-fr</i>	0.20080318	2.0	http://dicollecte.tuxfamily.org/home.php?prj=fr
<i>hyphen-gl</i>	new	0.99	https://forxa.mancomun.org/projects/hyphenation-gl
<i>hyphen-gu</i>	0.20081213	0.20090924	http://wiki.smc.org.in
<i>hyphen-hi</i>	0.20081213	0.20090924	http://wiki.smc.org.in
<i>hyphen-hu</i>	0.20081106	0.20090612	http://www.tipogral.hu/
<i>hyphen-kn</i>	0.20081213	0.20090924	http://wiki.smc.org.in
<i>hyphen-ku</i>	new	1.60	http://extensions.services.openoffice.org/project/kitandin
<i>hyphen-lv</i>	0.7.4	0.8.2	http://dict.dv.lv/
<i>hyphen-ml</i>	0.20090118	0.20090924	http://wiki.smc.org.in
<i>hyphen-mr</i>	new	0.20090924	http://wiki.smc.org.in
<i>hyphen-or</i>	0.20081213	0.20090924	http://wiki.smc.org.in
<i>hyphen-pa</i>	0.20081213	0.20090924	http://wiki.smc.org.in
<i>hyphen-sa</i>	0.20081010	0.20090412	http://tug.org/tex-hyphen

패키지	구 버전	신 버전	업스트림 URL
<i>hyphen-sr</i>	new	0.20090511	http://extensions.services.openoffice.org/project/dict-sr
<i>hyphen-ta</i>	0.20081213	0.20090924	http://wiki.smc.org.in
<i>hyphen-te</i>	0.20081213	0.20090924	http://wiki.smc.org.in
<i>ipv6calc</i>	0.71.0	0.72.2	http://www.deepspace6.net/projects/ipv6calc.html
<i>kasumi</i>	2.4	2.5	http://kasumi.sourceforge.jp/
<i>kdesdk-utils</i>	4.2.2	4.3.2	http://www.kde.org/
<i>less</i>	429	436	http://www.greenwoodsoftware.com/less/
<i>libtasn1-tools</i>	1.8	2.3	http://www.gnu.org/software/libtasn1/
<i>m4</i>	1.4.12	1.4.13	http://www.gnu.org/software/m4/
<i>malaga-suomi-voikko</i>	1.3	1.4	http://voikko.sourceforge.net/
<i>mythes-da</i>	0.1.9	0.20090522	http://synonym.oooforum.dk
<i>mythes-de</i>	0.20090402	0.20090708	http://www.openthesaurus.de
<i>mythes-es</i>	0.20090406	0.20090908	http://openthes-es.berlios.de
<i>mythes-hu</i>	new	0.20090918	http://extensions.services.openoffice.org/project/hu_dicts
<i>mythes-nl</i>	0.20090325	0.20090708	http://www.opentaal.org/opentaalbank/thesaurus
<i>mythes-sk</i>	0.20090402	0.20090907	http://www.sk-spell.sk.cx/thesaurus/
<i>mythes-sl</i>	0.20090328	0.20090908	http://www.tezaver.si/
<i>mythes-sv</i>	0.20090225	1.2	http://extensions.services.openoffice.org/project/SweThes
<i>mythes-uk</i>	1.5.7	1.6.0	http://sourceforge.net/projects/ispell-uk
<i>poppler-utils</i>	0.10.5	0.12.1	http://poppler.freedesktop.org/

패키지	구 버전	신 버전	업스트림 URL
<i>publican</i>	0.44	1.1	https://publican.fedorahosted.org
<i>sed</i>	4.1.5	4.2.1	http://sed.sourceforge.net/
<i>sphinx</i>	new	0.9.8.1	http://sphinxsearch.com
<i>t1lib-apps</i>	new	5.1.2	ftp://sunsite.unc.edu/pub/Linux/libs/graphics/t1lib-5.1.2.lsm
<i>voikko-tools</i>	2.1	2.2.1	http://voikko.sourceforge.net/
<i>wklej</i>	0.1.6	0.1.7	http://wklej.org/
<i>wklej-vim</i>	0.1.6	0.1.7	http://wklej.org/
<i>wordnet</i>	new	3.0	http://wordnet.princeton.edu
<i>xiphos</i>	new	3.1.1	http://xiphos.sourceforge.net/
<i>xmlfy</i>	new	1.5.0	http://xmlfy.sourceforge.net/

표 22. 응용-텍스트 모든 변경 사항

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8.3. 데스크탑-접근성

패키지	구 버전	신 버전	업스트림 URL
<i>dasher</i>	4.10.0	4.10.1	http://www.gnome.org/
<i>gnome-mag</i>	0.15.6	0.15.9	http://www.gnome.org/

표 23. 데스크탑-접근성 모든 변경 사항

패키지 변경 사항	2
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전체 패키지	3

8.4. 개발(Development)

8.4.1. 개발-빌드 툴

패키지	구 버전	신 버전	업스트림 URL
<i>ant-findbugs</i>	1.3.8	1.3.9	http://findbugs.sourceforge.net/

패키지	구 버전	신 버전	업스트림 URL
<i>maven2</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-ant</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-antr</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-antrun</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-assembly</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-changelog</i>	new	2.0.8	http://maven.apache.org/
<i>maven2-plugin-changes</i>	new	2.0.8	http://maven.apache.org/
<i>maven2-plugin-checkstyle</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-clean</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-compiler</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-dependency</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-deploy</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-doap</i>	new	2.0.8	http://maven.apache.org/
<i>maven2-plugin-docck</i>	new	2.0.8	http://maven.apache.org/
<i>maven2-plugin-ear</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-eclipse</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-ejb</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-enforcer</i>	new	2.0.8	http://maven.apache.org/
<i>maven2-plugin-gpg</i>	new	2.0.8	http://maven.apache.org/
<i>maven2-plugin-help</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-idea</i>	2.0.4	2.0.8	http://maven.apache.org/

패키지	구 버전	신 버전	업스트림 URL
<i>maven2-plugin-install</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-invoker</i>	new	2.0.8	http://maven.apache.org/
<i>maven2-plugin-jar</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-javadoc</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-one</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-plugin</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-pmd</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-project-info-reports</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-rar</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-remote-resources</i>	new	2.0.8	http://maven.apache.org/
<i>maven2-plugin-repository</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-resources</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-site</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-source</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-stage</i>	new	2.0.8	http://maven.apache.org/
<i>maven2-plugin-verifier</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>maven2-plugin-war</i>	2.0.4	2.0.8	http://maven.apache.org/

표 24. 개발-빌드 툴 모든 변경 사항

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8.4.2. 개발-디버거

패키지	구 버전	신 버전	업스트림 URL
<i>crash</i>	4.0	4.0.9	http://people.redhat.com/anderson
<i>crash-devel</i>	4.0	4.0.9	http://people.redhat.com/anderson
<i>edb</i>	0.9.8	0.9.10	http://www.codef00.com/projects.php#Debugger
<i>emacs-pydb</i>	1.25	1.26	http://bashdb.sourceforge.net/pydb
<i>gdb</i>	6.8.50.20090302	7.0	http://gnu.org/software/gdb/
<i>gdb-gdbserver</i>	6.8.50.20090302	7.0	http://gnu.org/software/gdb/
<i>gpsim</i>	0.23.0	0.24.0	http://gpsim.sourceforge.net/gpsim.html
<i>latrace</i>	new	0.5.7	http://people.redhat.com/jolsa/latrace
<i>lsof</i>	4.81	4.82	ftp://lsof.itap.purdue.edu/pub/tools/unix/lsof
<i>nemiver</i>	0.6.6	0.7.2	http://projects.gnome.org/nemiver
<i>pydb</i>	1.25	1.26	http://bashdb.sourceforge.net/pydb
<i>pylint</i>	0.16.0	0.18.1	http://www.logilab.org/projects/pylint
<i>pylint-gui</i>	0.16.0	0.18.1	http://www.logilab.org/projects/pylint
<i>strace</i>	4.5.18	4.5.19	http://sourceforge.net/projects/strace/
<i>valgrind</i>	3.4.1	3.5.0	http://www.valgrind.org/
<i>valgrind-devel</i>	3.4.1	3.5.0	http://www.valgrind.org/

표 25. 개발-디버거 모든 변경 사항

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8.4.3. 개발-문서

패키지	구 버전	신 버전	업스트림 URL
<i>automaton-javadoc</i>	1.11r1	1.11r2	http://www.brics.dk/automaton/
<i>bsf-javadoc</i>	2.3.0	2.4.0	http://jakarta.apache.org/bsf/
<i>findbugs-javadoc</i>	1.3.8	1.3.9	http://findbugs.sourceforge.net/
<i>flute-javadoc</i>	1.3	1.3.0	http://www.w3.org/Style/CSS/SAC/
<i>gnu-getopt-javadoc</i>	1.0.12	1.0.13	http://www.urbanophile.com/arenn/hacking/download.html
<i>icu4j-javadoc</i>	3.8.1	4.0.1	http://www-306.ibm.com/software/globalization/icu/index.jsp
<i>java-augeas-javadoc</i>	new	0.0.1	http://augeas.net/
<i>jcommon-javadoc</i>	1.0.15	1.0.16	http://www.jfree.org/jcommon
<i>jdepend-javadoc</i>	2.6	2.9	http://www.clarkware.com/
<i>jsch-demo</i>	0.1.39	0.1.41	http://www.jcraft.com/jsch/
<i>jsch-javadoc</i>	0.1.39	0.1.41	http://www.jcraft.com/jsch/
<i>kdelibs-apidocs</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdepimlibs-apidocs</i>	4.2.2	4.3.2	http://www.kde.org/
<i>libvirt-java-javadoc</i>	0.2.1	0.3.0	http://libvirt.org/
<i>maven-doxia-javadoc</i>	new	1.0	http://maven.apache.org/doxia/
<i>maven-surefire-javadoc</i>	new	2.3	http://maven.apache.org/surefire/
<i>maven-wagon-javadoc</i>	new	1.0	http://maven.apache.org/wagon
<i>maven2-javadoc</i>	2.0.4	2.0.8	http://maven.apache.org/

패키지	구 버전	신 버전	업스트림 URL
<i>maven2-manual</i>	2.0.4	2.0.8	http://maven.apache.org/
<i>plexus-maven-plugin-javadoc</i>	1.2	1.3.5	http://plexus.codehaus.org/
<i>plexus-velocity-javadoc</i>	1.1.2	1.1.7	http://plexus.codehaus.org/
<i>qdox-javadoc</i>	1.6.1	1.9.2	http://qdox.codehaus.org/
<i>soprano-apidocs</i>	2.2.3	2.3.1	http://sourceforge.net/projects/soprano
<i>svnkit-javadoc</i>	1.2.3	1.3.0	http://www.svnkit.com/
<i>writer2latex-javadoc</i>	0.5.0.2	1.0	http://writer2latex.sourceforge.net/

표 26. 개발-문서 모든 변경 사항

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8.4.4. 개발-자바

패키지	구 버전	신 버전	업스트림 URL
<i>maven-jxr</i>	1.0	2.1	http://maven.apache.org/doxia/
<i>maven-surefire</i>	1.5.3	2.3	http://maven.apache.org/surefire/
<i>maven-surefire-maven-plugin</i>	new	2.3	http://maven.apache.org/surefire/
<i>maven-surefire-provider-junit</i>	new	2.3	http://maven.apache.org/surefire/
<i>maven-surefire-provider-junit4</i>	new	2.3	http://maven.apache.org/surefire/
<i>maven-surefire-report-maven-plugin</i>	new	2.3	http://maven.apache.org/surefire/
<i>plexus-maven-plugin</i>	1.2	1.3.5	http://plexus.codehaus.org/

패키지	구 버전	신 버전	업스트림 URL
<i>plexus-velocity</i>	1.1.2	1.1.7	http://plexus.codehaus.org/

표 27. 개발-자바 모든 변경 사항

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8.4.5. 개발-언어

패키지	구 버전	신 버전	업스트림 URL
<i>Django</i>	1.0.2	1.1	http://www.djangoproject.com/
<i>Django-south</i>	new	0.6	http://south.aeracode.org
<i>Falcon</i>	0.8.14.2	0.9.4.2	http://www.falconpl.org/
<i>PyKDE</i>	3.16.2	3.16.3	http://www.riverbankcomputing.com/software/pykde/intro
<i>PyKDE-devel</i>	3.16.2	3.16.3	http://www.riverbankcomputing.com/software/pykde/intro
<i>PyKDE4</i>	4.2.2	4.3.2	http://developer.kde.org/language-bindings/
<i>PyKDE4-akonadi</i>	4.2.2	4.3.2	http://developer.kde.org/language-bindings/
<i>PyKDE4-devel</i>	4.2.2	4.3.2	http://developer.kde.org/language-bindings/
<i>PyQt</i>	3.17.6	3.18.1	http://www.riverbankcomputing.com/pyqt/
<i>PyQt-devel</i>	3.17.6	3.18.1	http://www.riverbankcomputing.com/pyqt/
<i>PyQt-examples</i>	3.17.6	3.18.1	http://www.riverbankcomputing.com/pyqt/
<i>PyQt4</i>	4.4.4	4.5.4	http://www.riverbankcomputing.com/software/pyqt/

패키지	구 버전	신 버전	업스트림 URL
<i>PyQt4-devel</i>	4.4.4	4.5.4	http://www.riverbankcomputing.com/software/pyqt/
<i>PyQwt</i>	5.1.0	5.2.0	http://pyqwt.sourceforge.net/
<i>PyQwt-devel</i>	5.1.0	5.2.0	http://pyqwt.sourceforge.net/
<i>QtRuby</i>	4.2.2	4.3.2	http://developer.kde.org/language-bindings/
<i>QtRuby-devel</i>	4.2.2	4.3.2	http://developer.kde.org/language-bindings/
<i>R2spec</i>	2.5.2	2.5.3	https://fedorahosted.org/r2spec/
<i>ant-scala</i>	2.7.3	2.7.5	http://www.scala-lang.org/
<i>bash-doc</i>	4.0	4.0.33	http://www.gnu.org/software/bash
<i>bigloo</i>	3.1b	3.2b	http://www-sop.inria.fr/mimosa/fp/Bigloo
<i>bigloo-doc</i>	3.1b	3.2b	http://www-sop.inria.fr/mimosa/fp/Bigloo
<i>bigloo-emacs</i>	3.1b	3.2b	http://www-sop.inria.fr/mimosa/fp/Bigloo
<i>bigloo-xemacs</i>	3.1b	3.2b	http://www-sop.inria.fr/mimosa/fp/Bigloo
<i>boo</i>	0.8.1.2865	0.9.2.3383	http://boo.codehaus.org
<i>bytexf-data-mysql</i>	2.4	2.4.2.3	http://www.mono-project.com/Main_Page
<i>cabal2spec</i>	0.12	0.17	https://fedorahosted.org/cabal2spec/
<i>clutter-gst</i>	0.8.0	0.10.0	http://www.clutter-project.org
<i>clutter-gtk</i>	0.8.2	0.10.2	http://www.clutter-project.org
<i>cpp</i>	4.4.0	4.4.2	http://gcc.gnu.org
<i>cppcheck</i>	new	1.36	http://cppcheck.wiki.sourceforge.net/
<i>cpphs</i>	1.6	1.9	http://hackage.haskell.org/

패키지	구 버전	신 버전	업스트림 URL
			cgi-bin/hackage-scripts/package/cpphs
<i>cups-php</i>	1.4	1.4.1	http://www.cups.org/
<i>django-authority</i>	new	0.3	http://bitbucket.org/jezdez/django-authority/
<i>django-filter</i>	new	0.5.0	http://pypi.python.org/pypi/django-filter
<i>django-piston</i>	new	0.2.2	http://bitbucket.org/jespern/django-piston/
<i>django-profile</i>	new	0.6	http://code.google.com/p/django-profile/
<i>django-sorting</i>	new	0.1	http://pypi.python.org/pypi/django-sorting
<i>easymock2</i>	new	2.5	http://easymock.org/
<i>ecl</i>	0.91	9.8.1	http://ecls.sourceforge.net
<i>eclipse-findbugs</i>	1.3.8	1.3.9	http://findbugs.sourceforge.net/
<i>eclipse-findbugs-contrib</i>	new	4.0.0	http://fb-contrib.sourceforge.net/
<i>eclipse-rcp</i>	3.4.2	3.5.1	http://www.eclipse.org/
<i>eina-devel</i>	0.7.3	0.8.0	http://eina.sourceforge.net/
<i>empathy-python</i>	2.26.1	2.28.1.1	http://live.gnome.org/Empathy
<i>erlang</i>	R12B	R13B	http://www.erlang.org
<i>erlang-doc</i>	R12B	R13B	http://www.erlang.org
<i>erlang-eradius</i>	new	0	http://jungerl.sourceforge.net/
<i>etoys</i>	4.0.2206	4.0.2332	http://squeakland.org/
<i>fedora-devshell</i>	new	0.1.1	https://fedorahosted.org/fedora-devshell/
<i>findbugs</i>	1.3.8	1.3.9	http://findbugs.sourceforge.net/
<i>findbugs-contrib</i>	new	4.0.0	http://fb-contrib.sourceforge.net/
<i>findbugs-contrib-samples</i>	new	4.0.0	http://fb-contrib.sourceforge.net/
<i>findbugs-tools</i>	1.3.8	1.3.9	http://findbugs.sourceforge.net/

패키지	구 버전	신 버전	업스트림 URL
<i>fpc</i>	2.2.2	2.2.4	http://www.freepascal.org/
<i>fpc-src</i>	2.2.2	2.2.4	http://www.freepascal.org/
<i>gauche</i>	0.8.13	0.8.14	http://www.shiro.dreamhost.com/scheme/gauche
<i>gauche-devel</i>	0.8.13	0.8.14	http://www.shiro.dreamhost.com/scheme/gauche
<i>gcc</i>	4.4.0	4.4.2	http://gcc.gnu.org
<i>gcc-c++</i>	4.4.0	4.4.2	http://gcc.gnu.org
<i>gcc-gfortran</i>	4.4.0	4.4.2	http://gcc.gnu.org
<i>gcc-gnat</i>	4.4.0	4.4.2	http://gcc.gnu.org
<i>gcc-java</i>	4.4.0	4.4.2	http://gcc.gnu.org
<i>gcc-objc</i>	4.4.0	4.4.2	http://gcc.gnu.org
<i>gcc-objc++</i>	4.4.0	4.4.2	http://gcc.gnu.org
<i>gcl-selinux</i>	new	2.6.8	http://www.gnu.org/software/gcl/
<i>ghc</i>	6.10.1	6.10.4	http://haskell.org/ghc/
<i>ghc-doc</i>	6.10.1	6.10.4	http://haskell.org/ghc/
<i>ghdl</i>	0.27	0.28	http://ghdl.free.fr/
<i>gnome-python2</i>	2.26.1	2.28.0	http://download.gnome.org/sources/gnome-python/
<i>gnome-python2-applet</i>	2.26.0	2.28.0	n/a
<i>gnome-python2-bonobo</i>	2.26.1	2.28.0	http://download.gnome.org/sources/gnome-python/
<i>gnome-python2-brasero</i>	new	2.28.0	n/a
<i>gnome-python2-bugbuddy</i>	2.26.0	2.28.0	n/a
<i>gnome-python2-canvas</i>	2.26.1	2.28.0	http://download.gnome.org/sources/gnome-python/
<i>gnome-python2-desktop</i>	2.26.0	2.28.0	n/a
<i>gnome-python2-devel</i>	2.26.1	2.28.0	http://download.gnome.org/sources/gnome-python/
<i>gnome-python2-evinced</i>	2.26.0	2.28.0	n/a

패키지	구 버전	신 버전	업스트림 URL
<i>gnome-python2-evolution</i>	2.26.0	2.28.0	n/a
<i>gnome-python2-gconf</i>	2.26.1	2.28.0	http://download.gnome.org/sources/gnome-python/
<i>gnome-python2-gnome</i>	2.26.1	2.28.0	http://download.gnome.org/sources/gnome-python/
<i>gnome-python2-gnomedesktop</i>	2.26.0	2.28.0	n/a
<i>gnome-python2-gnomekeyring</i>	2.26.0	2.28.0	n/a
<i>gnome-python2-gnomeprint</i>	2.26.0	2.28.0	n/a
<i>gnome-python2-gnomevfs</i>	2.26.1	2.28.0	http://download.gnome.org/sources/gnome-python/
<i>gnome-python2-gtksourceview</i>	2.26.0	2.28.0	n/a
<i>gnome-python2-libgtop2</i>	2.26.0	2.28.0	n/a
<i>gnome-python2-libwnck</i>	2.26.0	2.28.0	n/a
<i>gnome-python2-metacity</i>	2.26.0	2.28.0	n/a
<i>gnome-python2-rsvg</i>	2.26.0	2.28.0	n/a
<i>gnome-python2-totem</i>	2.26.0	2.28.0	n/a
<i>gputils</i>	0.13.6	0.13.7	http://gputils.sourceforge.net
<i>gstreamer-python</i>	0.10.14	0.10.16	http://gstreamer.freedesktop.org/
<i>gtk-sharp2-gapi</i>	2.12.7	2.12.9	http://gtk-sharp.sf.net
<i>guile</i>	1.8.6	1.8.7	http://www.gnu.org/software/guile/
<i>gupnp-vala</i>	0.5.3	0.6	http://www.gupnp.org/
<i>hamster-applet</i>	2.26.0	2.28.1	http://code.google.com/p/projecthamster/
<i>ibm-data-db2</i>	2.4	2.4.2.3	http://www.mono-project.com/Main_Page
<i>kaya</i>	0.5.1	0.5.2	http://kayalang.org
<i>kimono</i>	4.2.2	4.3.2	http://developer.kde.org/language-bindings/

패키지	구 버전	신 버전	업스트림 URL
<i>korundum</i>	4.2.2	4.3.2	http:// developer.kde.org/ language-bindings/
<i>korundum-devel</i>	4.2.2	4.3.2	http:// developer.kde.org/ language-bindings/
<i>kross-python</i>	4.2.2	4.3.2	http:// developer.kde.org/ language-bindings/
<i>kross-ruby</i>	4.2.2	4.3.2	http:// developer.kde.org/ language-bindings/
<i>lekhonee-lib</i>	new	0.7	http://fedorahosted.org/ lekhonee
<i>libgcj-devel</i>	4.4.0	4.4.2	http://gcc.gnu.org
<i>llvm</i>	2.5	2.6	http://llvm.org/
<i>llvm-devel</i>	2.5	2.6	http://llvm.org/
<i>llvm-doc</i>	2.5	2.6	http://llvm.org/
<i>mapserver-java</i>	5.2.1	5.4.2	http:// mapserver.gis.umn.edu
<i>mapserver-perl</i>	5.2.1	5.4.2	http:// mapserver.gis.umn.edu
<i>mapserver-python</i>	5.2.1	5.4.2	http:// mapserver.gis.umn.edu
<i>mingw32-cpp</i>	4.4.0	4.4.1	http://gcc.gnu.org
<i>mingw32-gcc</i>	4.4.0	4.4.1	http://gcc.gnu.org
<i>mingw32-gcc-c++</i>	4.4.0	4.4.1	http://gcc.gnu.org
<i>mingw32-gcc-gfortran</i>	4.4.0	4.4.1	http://gcc.gnu.org
<i>mingw32-gcc-objc</i>	4.4.0	4.4.1	http://gcc.gnu.org
<i>mingw32-gcc-objc++</i>	4.4.0	4.4.1	http://gcc.gnu.org
<i>mingw32-tcl</i>	new	8.5.7	http:// tcl.sourceforge.net/
<i>mono-basic</i>	2.4	2.4.2	http:// mono.ximian.com/ monobuild/preview/ sources-preview/
<i>mono-core</i>	2.4	2.4.2.3	http://www.mono- project.com/Main_Page
<i>mono-data</i>	2.4	2.4.2.3	http://www.mono- project.com/Main_Page
<i>mono-data-firebird</i>	2.4	2.4.2.3	http://www.mono- project.com/Main_Page

패키지	구 버전	신 버전	업스트림 URL
<i>mono-data-oracle</i>	2.4	2.4.2.3	http://www.mono-project.com/Main_Page
<i>mono-data-postgresql</i>	2.4	2.4.2.3	http://www.mono-project.com/Main_Page
<i>mono-data-sqlite</i>	2.4	2.4.2.3	http://www.mono-project.com/Main_Page
<i>mono-data-sybase</i>	2.4	2.4.2.3	http://www.mono-project.com/Main_Page
<i>mono-devel</i>	2.4	2.4.2.3	http://www.mono-project.com/Main_Page
<i>mono-extras</i>	2.4	2.4.2.3	http://www.mono-project.com/Main_Page
<i>mono-jscript</i>	2.4	2.4.2.3	http://www.mono-project.com/Main_Page
<i>mono-locale-extras</i>	2.4	2.4.2.3	http://www.mono-project.com/Main_Page
<i>mono-nunit</i>	2.4	2.4.2.3	http://www.mono-project.com/Main_Page
<i>mono-tools-devel</i>	2.4	2.4.2	http://mono.ximian.com/monobuild/preview/sources-preview/
<i>mono-wcf</i>	new	2.4.2.3	http://www.mono-project.com/Main_Page
<i>mono-web</i>	2.4	2.4.2.3	http://www.mono-project.com/Main_Page
<i>mono-web-devel</i>	2.4	2.4.2.3	http://www.mono-project.com/Main_Page
<i>mono-winform</i>	2.4	2.4.2.3	http://www.mono-project.com/Main_Page
<i>mono-zeroconf</i>	0.7.6	0.9.0	http://banshee-project.org/files/mono-zeroconf
<i>monsoon</i>	0.20	0.21	http://www.monsoon-project.com
<i>misp430-gcc</i>	new	3.2.3	http://mispgcc.sf.net/
<i>nasm</i>	2.05.01	2.07	http://nasm.sourceforge.net/
<i>nasm-doc</i>	2.05.01	2.07	http://nasm.sourceforge.net/
<i>nickle</i>	2.68	2.69	http://nickle.org
<i>nickle-devel</i>	2.68	2.69	http://nickle.org
<i>ocaml</i>	3.11.0	3.11.1	http://www.ocaml.org

패키지	구 버전	신 버전	업스트림 URL
<i>ocaml-camlp4</i>	3.11.0	3.11.1	http://www.ocaml.org
<i>ocaml-camlp4-devel</i>	3.11.0	3.11.1	http://www.ocaml.org
<i>ocaml-docs</i>	3.11.0	3.11.1	http://www.ocaml.org
<i>ocaml-emacs</i>	3.11.0	3.11.1	http://www.ocaml.org
<i>ocaml-ocamldoc</i>	3.11.0	3.11.1	http://www.ocaml.org
<i>ocaml-source</i>	3.11.0	3.11.1	http://www.ocaml.org
<i>odfpy</i>	0.8	0.9	http://forge.osor.eu/projects/odfpy/
<i>oorexx</i>	3.2.0	4.0.0	http://www.oorexx.org
<i>oorexx-devel</i>	3.2.0	4.0.0	http://www.oorexx.org
<i>oorexx-docs</i>	3.2.0	4.0.0	http://www.oorexx.org
<i>papyon</i>	new	0.4.2	http://telepathy.freedesktop.org/wiki/Papyon
<i>pcc</i>	new	0.9.9	http://pcc.ludd.ltu.se/
<i>perl-Test-Simple</i>	0.86	0.92	http://www.perl.org/
<i>php</i>	5.2.9	5.3.0	http://www.php.net/
<i>php-bcmath</i>	5.2.9	5.3.0	http://www.php.net/
<i>php-channel-doctrine</i>	new	1.0.0	http://www.doctrine-project.com/
<i>php-cli</i>	5.2.9	5.3.0	http://www.php.net/
<i>php-common</i>	5.2.9	5.3.0	http://www.php.net/
<i>php-dba</i>	5.2.9	5.3.0	http://www.php.net/
<i>php-eaccelerator</i>	0.9.5.3	0.9.6	http://eaccelerator.net/
<i>php-facedetect</i>	new	1.0.0	http://www.xarg.org/project/php-facedetect/
<i>php-gd</i>	5.2.9	5.3.0	http://www.php.net/
<i>php-imap</i>	5.2.9	5.3.0	http://www.php.net/
<i>php-interbase</i>	new	5.3.0	http://www.php.net/
<i>php-ldap</i>	5.2.9	5.3.0	http://www.php.net/
<i>php-mapserver</i>	5.2.1	5.4.2	http://mapserver.gis.umn.edu
<i>php-markdown</i>	new	1.0.1m	http://michelf.com/projects/php-markdown/
<i>php-mbstring</i>	5.2.9	5.3.0	http://www.php.net/
<i>php-mcrypt</i>	5.2.9	5.3.0	http://www.php.net/
<i>php-mssql</i>	5.2.9	5.3.0	http://www.php.net/
<i>php-mysql</i>	5.2.9	5.3.0	http://www.php.net/

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<i>php-odbc</i>	5.2.9	5.3.0	http://www.php.net/
<i>php-pdo</i>	5.2.9	5.3.0	http://www.php.net/
<i>php-pear</i>	1.7.2	1.9.0	http://pear.php.net/ package/PEAR
<i>php-pear-Crypt-CHAP</i>	1.0.1	1.0.2	http://pear.php.net/ package/Crypt_CHAP
<i>php-pear-File-Passwd</i>	1.1.6	1.1.7	http://pear.php.net/ package/File_Passwd
<i>php-pear-File-SMBPasswd</i>	1.0.2	1.0.3	http://pear.php.net/ package/ File_SMBPasswd
<i>php-pear-Net-POP3</i>	1.3.6	1.3.7	http://pear.php.net/ package/Net_POP3
<i>php-pear-Net-UserAgent-Detect</i>	2.5.0	2.5.1	http://pear.php.net/ package/ Net_UserAgent_Detect
<i>php-pear-Numbers-Words</i>	0.15.0	0.16.1	http://pear.php.net/ package/ Numbers_Words
<i>php-pecl-apc</i>	3.0.19	3.1.3p1	http://pecl.php.net/ package/APC
<i>php-pecl-geoip</i>	new	1.0.7	http://pecl.php.net/ package/geoip
<i>php-pecl-lzf</i>	new	1.5.2	http://pecl.php.net/ package/LZF
<i>php-pecl-mailparse</i>	2.1.4	2.1.5	http://pecl.php.net/ package/mailparse
<i>php-pecl-memcached</i>	new	1.0.0	http://pecl.php.net/ package/memcached
<i>php-pecl-ncurses</i>	new	1.0.0	http://pecl.php.net/ package/ncurses
<i>php-pecl-selinux</i>	0.1.2	0.3.1	http://pecl.php.net/ package/selinux
<i>php-pecl-xdebug</i>	2.0.3	2.0.5	http://pecl.php.net/ package/xdebug
<i>php-pgsql</i>	5.2.9	5.3.0	http://www.php.net/
<i>php-process</i>	5.2.9	5.3.0	http://www.php.net/
<i>php-qt</i>	4.2.2	4.3.2	http:// developer.kde.org/ language-bindings/
<i>php-qt-devel</i>	4.2.2	4.3.2	http:// developer.kde.org/ language-bindings/

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<i>php-snmp</i>	5.2.9	5.3.0	http://www.php.net/
<i>php-soap</i>	5.2.9	5.3.0	http://www.php.net/
<i>php-tidy</i>	5.2.9	5.3.0	http://www.php.net/
<i>php-xml</i>	5.2.9	5.3.0	http://www.php.net/
<i>php-xmlrpc</i>	5.2.9	5.3.0	http://www.php.net/
<i>php-zts</i>	5.2.9	5.3.0	http://www.php.net/
<i>pl</i>	5.7.6	5.7.11	http://www.swi-prolog.org
<i>pl-devel</i>	5.7.6	5.7.11	http://www.swi-prolog.org
<i>pl-jpl</i>	5.7.6	5.7.11	http://www.swi-prolog.org
<i>pl-static</i>	5.7.6	5.7.11	http://www.swi-prolog.org
<i>poedit</i>	1.4.2	1.4.3	http://www.poedit.net/
<i>polyml</i>	5.2	5.2.1	http://www.polyml.org
<i>polyml-doc</i>	5.2	5.2.1	http://www.polyml.org
<i>protobuf-python</i>	2.0.2	2.2.0	http://code.google.com/p/protobuf/
<i>pybluez</i>	0.15	0.16	http://code.google.com/p/pybluez/
<i>pycairo</i>	1.8.2	1.8.6	http://cairographics.org/pycairo
<i>pyclutter</i>	0.8.2	0.9.2	http://www.clutter-project.org/
<i>pyclutter-gst</i>	0.8.2	0.9.2	http://www.clutter-project.org/
<i>pyclutter-gtk</i>	0.8.2	0.9.2	http://www.clutter-project.org/
<i>pycolumnize</i>	new	0.3.2	http://code.google.com/p/pycolumnize/
<i>pyexiv2</i>	0.1.2	0.1.3	http://tilloy.net/dev/pyexiv2/
<i>pyfits</i>	1.3	2.2	http://www.stsci.edu/resources/software_hardware/pyfits
<i>pygobject2</i>	2.16.1	2.20.0	http://www.pygtk.org/
<i>pygobject2-codegen</i>	2.16.1	2.20.0	http://www.pygtk.org/
<i>pygobject2-devel</i>	2.16.1	2.20.0	http://www.pygtk.org/
<i>pygobject2-doc</i>	2.16.1	2.20.0	http://www.pygtk.org/

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<i>pygoocanvas</i>	0.13.1	0.14.0	http://live.gnome.org/PyGoocanvas
<i>pygoocanvas-devel</i>	0.13.1	0.14.0	http://live.gnome.org/PyGoocanvas
<i>pygtk2</i>	2.14.1	2.16.0	http://www.pygtk.org/
<i>pygtk2-codegen</i>	2.14.1	2.16.0	http://www.pygtk.org/
<i>pygtk2-devel</i>	2.14.1	2.16.0	http://www.pygtk.org/
<i>pygtk2-doc</i>	2.14.1	2.16.0	http://www.pygtk.org/
<i>pygtk2-libglade</i>	2.14.1	2.16.0	http://www.pygtk.org/
<i>pygtksourceview</i>	2.4.0	2.8.0	http://download.gnome.org/sources/pygtksourceview/
<i>pygtksourceview-devel</i>	2.4.0	2.8.0	http://download.gnome.org/sources/pygtksourceview/
<i>pygtksourceview-doc</i>	2.4.0	2.8.0	http://download.gnome.org/sources/pygtksourceview/
<i>pymssql</i>	1.0.1	1.0.2	http://pymssql.sourceforge.net/
<i>pyodbc</i>	2.1.4	2.1.5	http://code.google.com/p/pyodbc/
<i>pysvn</i>	1.6.3	1.7.0	http://pysvn.tigris.org/
<i>pytc</i>	0.7	0.8	http://pypi.python.org/pypi/pytc
<i>python</i>	2.6	2.6.2	http://www.python.org/
<i>python-BeautifulSoup</i>	3.1.0.1	3.0.7a	http://www.crummy.com/software/BeautifulSoup/
<i>python-Coherence</i>	0.6.2	0.6.4	https://coherence.beebits.net/
<i>python-GeoIP</i>	1.2.4	1.2.5	http://www.maxmind.com/download/geoip/api/python/

표 28. 개발-언어 모든 변경 사항

패키지	구 버전	신 버전	업스트림 URL
<i>python-Traits</i>	3.0.2	3.1.0	http://code.enthought.com/projects/traits/
<i>python-TraitsBackendQt</i>	3.0.3	3.1.0	http://pypi.python.org/pypi/TraitsBackendQt/3.1.0
<i>python-ZConfig</i>	new	2.7.1	http://www.zope.org/Members/fdrake/zconfig/
<i>python-achoo</i>	new	1.0	http://web.quuxo.com/products/achoo/
<i>python-alsa</i>	1.0.17	1.0.21	http://www.alsa-project.org/
<i>python-alsaaudio</i>	0.4	0.5	http://sourceforge.net/projects/pyalsaaudio
<i>python-application</i>	new	1.1.5	http://pypi.python.org/pypi/python-application
<i>python-arm4</i>	new	1.2	http://www.arm4.org/
<i>python-beaker</i>	1.3	1.3.1	http://beaker.groovie.org/
<i>python-bitarray</i>	new	0.3.5	http://pypi.python.org/pypi/bitarray/
<i>python-boto</i>	1.5c	1.8d	http://code.google.com/p/boto/
<i>python-cclib</i>	new	0.91	http://cclib.sourceforge.net/
<i>python-ctags</i>	new	1.0.5	http://code.google.com/p/python-ctags/
<i>python-daemon</i>	new	1.4.6	http://pypi.python.org/pypi/python-daemon/
<i>python-decorator</i>	2.3.2	3.0.1	http://www.phyast.pitt.edu/~micheles/python/documentation.html
<i>python-dns</i>	1.6.0	1.7.1	http://www.dnspython.org/
<i>python-fedora</i>	0.3.12	0.3.16	https://fedorahosted.org/python-fedora/
<i>python-firkin</i>	new	0.02	http://www.florian-diesch.de/software/firkin/
<i>python-foolscap</i>	new	0.4.2	http://foolscap.lothar.com

패키지	구 버전	신 버전	업스트림 URL
<i>python-gammu</i>	1.23.92	1.25.0	http://cihar.com/gammu/
<i>python-gdata</i>	1.3.0	2.0.2	http://code.google.com/p/gdata-python-client/
<i>python-gnutls</i>	new	1.1.9	http://pypi.python.org/pypi/python-gnutls
<i>python-gpod</i>	0.7.0	0.7.2	http://www.gtkpod.org/libgpod.html
<i>python-hash_ring</i>	new	1.2	http://pypi.python.org/pypi/hash_ring
<i>python-igraph</i>	0.5.1	0.5.2	http://pypi.python.org/pypi/igraph-0.5.2
<i>python-jinja2</i>	2.1.1	2.2.1	http://jinja.pocoo.org/
<i>python-json</i>	3.4	dropped	https://sourceforge.net/projects/json-py/
<i>python-kaa-base</i>	0.4.0	0.6.0	http://www.freevo.org/kaa
<i>python-kaa-display</i>	new	0.1.0	http://www.freevo.org/kaa
<i>python-kaa-metadata</i>	0.7.5	0.7.7	http://www.freevo.org/kaa
<i>python-line_profiler</i>	new	1.0	http://packages.python.org/line_profiler
<i>python-lockfile</i>	new	0.8	http://pypi.python.org/pypi/lockfile
<i>python-logilab-astng</i>	0.17.4	0.19.1	http://www.logilab.org/projects/astng/
<i>python-markdown</i>	1.7	2.0.1	http://www.freewisdom.org/projects/python-markdown/
<i>python-markdown2</i>	1.0.1.11	1.0.1.15	http://code.google.com/p/python-markdown2/
<i>python-migrate</i>	0.5.1.2	0.5.3	http://code.google.com/p/sqlalchemy-migrate/
<i>python-mutagen</i>	1.15	1.16	http://code.google.com/p/mutagen
<i>python-mwlib</i>	0.9.10	0.11.2	http://code.pediapress.com/
<i>python-nss</i>	0.1	0.8	:pserver:anonymous@cvs-mirror.mozilla.org/

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			cvsroot/mozilla/ security/python/nss
<i>python-numdisplay</i>	1.5.3	1.5.4	http://stsdas.stsci.edu/ numdisplay
<i>python-offtrac</i>	new	0.0.3	http://fedorahosted.org/ offtrac
<i>python-paida</i>	new	3.2.1_2.10.1	http:// paida.sourceforge.net
<i>python-pefile</i>	new	1.2.10_63	http://code.google.com/ p/pefile/
<i>python-polib</i>	0.4.0	0.4.2	http://code.google.com/ p/polib/
<i>python-posix_ipc</i>	new	0.5.3	http://semanchuk.com/ philip/posix_ipc/
<i>python-py</i>	0.9.2	1.0.2	http://codespeak.net/ py/dist/
<i>python-pytools</i>	new	8	http://pypi.python.org/ pypi/pytools
<i>python-repoze-what</i>	new	1.0.8	http://pypi.python.org/ pypi/repoze.what
<i>python-repoze-what-plugins-sql</i>	new	1.0	http:// code.gustavonarea.net/ repoze.what.plugins.sql/
<i>python-repoze-what-pylons</i>	new	1.0	http:// code.gustavonarea.net/ repoze.what.pylons/
<i>python-repoze-what-quickstart</i>	new	1.0.1	http:// code.gustavonarea.net/ repoze.what.pylons/
<i>python-repoze-who</i>	new	1.0.13	http://pypi.python.org/ pypi/repoze.who
<i>python-repoze-who-friendlyform</i>	new	1.0	http:// code.gustavonarea.net/ repoze.who- friendlyform/
<i>python-repoze-who-plugins-sa</i>	new	1.0	http:// code.gustavonarea.net/ repoze.who.plugins.sa
<i>python-repoze-who-testutil</i>	new	1.0	http:// code.gustavonarea.net/ repoze.who-testutil/
<i>python-rope</i>	0.9.1	0.9.2	http:// rope.sourceforge.net/

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<i>python-routes</i>	1.10.1	1.10.3	http:// routes.groovie.org/
<i>python-shove</i>	0.1.3	0.2.1	http://pypi.python.org/ pypi/shove/
<i>python-simpy</i>	2.0	2.0.1	http:// simpy.sourceforge.net
<i>python-sprox</i>	new	0.6.3	http://sprox.org
<i>python-sqlite2</i>	2.3.3	2.3.5	http://pysqlite.org/
<i>python-sqlparse</i>	new	0.1.1	http://code.google.com/ p/python-sqlparse/
<i>python-storm</i>	0.14	0.15	https:// storm.canonical.com/
<i>python-sybase</i>	new	0.39	http://python- sybase.sourceforge.net/
<i>python-telepathy</i>	0.15.7	0.15.11	http:// telepathy.freedesktop.org/ wiki/
<i>python-tempita</i>	0.3	0.4	http://pythonpaste.org/ tempita/
<i>python-test</i>	2.6	2.6.2	http://www.python.org/
<i>python-testosterone</i>	new	0.4.1	http://code.google.com/ p/testosterone/
<i>python-tgext-admin</i>	new	0.2.5	http://pypi.python.org/ pypi/tgext.admin/
<i>python-tgext-crud</i>	new	0.2.4	http://pypi.python.org/ pypi/tgext.crud/
<i>python-toscawidgets</i>	0.9.4	0.9.8	http://toscawidgets.org/
<i>python-tw-forms</i>	0.9.2	0.9.8	http://toscawidgets.org/
<i>python-tw-jquery</i>	new	0.9.5	http://toscawidgets.org
<i>python-urllib2_kerberos</i>	new	0.1.6	http://pypi.python.org/ pypi/urllib2_kerberos/
<i>python-virtualenv</i>	1.3.2	1.3.3	http://pypi.python.org/ pypi/virtualenv
<i>python-webflash</i>	new	0.1	http://python-rum.org/ wiki/WebFlash
<i>python-webtest</i>	1.1	1.2	http://pythonpaste.org/ webtest/
<i>python-wokkel</i>	0.4.0	0.6.3	http://wokkel.ik.nu
<i>python-wsgiref</i>	new	0.1.2	http://pypi.python.org/ pypi/wsgiref
<i>python-xklavier</i>	new	0.2	http:// download.sugarlabs.org/

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			sources/external/python-xklavier/
<i>python-xmpp</i>	0.4.1	0.5.0	http://xmpppy.sourceforge.net/
<i>python-zc-lockfile</i>	new	1.0.0	http://pypi.python.org/pypi/zc.lockfile/
<i>python-zope-event</i>	new	3.4.1	http://pypi.python.org/pypi/zope.event/
<i>python-zope-sqlalchemy</i>	0.3	0.4	http://pypi.python.org/pypi/zope.sqlalchemy
<i>python-zope-testing</i>	new	3.7.3	http://pypi.python.org/pypi/zope.testing
<i>pytrainer</i>	1.6.0.7	1.6.0.8	https://sourceforge.net/projects/pytrainer/
<i>pywebdav</i>	0.8	0.9.3	http://www.webdav.de/
<i>pywebkitgtk</i>	1.0.1	1.1.6	http://code.google.com/p/pywebkitgtk/
<i>qmforge</i>	new	2.1	http://qmforge.sourceforge.net/
<i>qyoto</i>	4.2.2	4.3.2	http://developer.kde.org/language-bindings/
<i>qyoto-devel</i>	4.2.2	4.3.2	http://developer.kde.org/language-bindings/
<i>rakudo</i>	new	0.0.2009.09_1.6.0	http://www.rakudo.org/
<i>rb_libtorrent-python</i>	0.14.2	0.14.4	http://www.rasterbar.com/products/libtorrent/
<i>rrdtool-perl</i>	1.3.7	1.3.8	http://oss.oetiker.ch/rrdtool/
<i>rrdtool-php</i>	1.3.7	1.3.8	http://oss.oetiker.ch/rrdtool/
<i>rrdtool-python</i>	1.3.7	1.3.8	http://oss.oetiker.ch/rrdtool/
<i>rrdtool-ruby</i>	1.3.7	1.3.8	http://oss.oetiker.ch/rrdtool/
<i>rrdtool-tcl</i>	1.3.7	1.3.8	http://oss.oetiker.ch/rrdtool/
<i>ruby</i>	1.8.6.287	1.8.6.383	http://www.ruby-lang.org/
<i>ruby-RMagick</i>	2.9.1	2.12.2	http://rmagick.rubyforge.org/

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<i>ruby-augeas</i>	0.2.0	0.3.0	http://augeas.net
<i>ruby-aws</i>	0.5.1	0.7.0	http://www.caliban.org/ruby/ruby-aws/
<i>ruby-devel</i>	1.8.6.287	1.8.6.383	http://www.ruby-lang.org/
<i>ruby-flexmock</i>	0.7.1	0.8.6	http://flexmock.rubyforge.org
<i>ruby-gettext-package</i>	2.0.0	2.0.4	http://www.yotabanana.com/hiki/ruby-gettext.html?ruby-gettext
<i>ruby-htmlentities</i>	4.0.0	4.2.0	http://htmlentities.rubyforge.org/
<i>ruby-icon-artist</i>	new	0.1.91	https://fedorahosted.org/echo-icon-theme/
<i>ruby-irb</i>	1.8.6.287	1.8.6.383	http://www.ruby-lang.org/
<i>ruby-json</i>	new	1.1.7	http://json.rubyforge.org
<i>ruby-locale</i>	2.0.0	2.0.4	http://locale.rubyforge.org/
<i>ruby-mechanize</i>	0.9.2	0.9.3	http://mechanize.rubyforge.org/
<i>ruby-nokogiri</i>	1.2.3	1.3.3	http://nokogiri.rubyforge.org/nokogiri/
<i>ruby-opengl</i>	new	0.60.1	http://ruby-opengl.rubyforge.org/
<i>ruby-rdoc</i>	1.8.6.287	1.8.6.383	http://www.ruby-lang.org/
<i>ruby-sqlite3</i>	1.2.1	1.2.4	http://sqlite-ruby.rubyforge.org/sqlite3
<i>ruby-tcltk</i>	1.8.6.287	1.8.6.383	http://www.ruby-lang.org/
<i>rubygem-RedCloth</i>	new	4.1.9	http://redcloth.org
<i>rubygem-actionmailer</i>	2.3.2	2.3.4	http://www.rubyonrails.org
<i>rubygem-actionpack</i>	2.3.2	2.3.4	http://www.rubyonrails.org

패키지	구 버전	신 버전	업스트림 URL
<i>rubygem-activeldap</i>	1.0.2	1.2.0	http://rubyforge.org/projects/ruby-activeldap/
<i>rubygem-activerecord</i>	2.3.2	2.3.4	http://www.rubyonrails.org
<i>rubygem-activeresource</i>	2.3.2	2.3.4	http://www.rubyonrails.org
<i>rubygem-activesupport</i>	2.3.2	2.3.4	http://www.rubyonrails.org
<i>rubygem-allison</i>	new	2.0.3	http://github.com/fauna/allison/tree/master
<i>rubygem-arrayfields</i>	4.7.2	4.7.4	http://codeforpeople.com/lib/ruby/arrayfields/
<i>rubygem-bacon</i>	new	1.1.0	http://chneukirchen.org/repos/bacon
<i>rubygem-cobbler</i>	0.1.3	1.6.1	http://cobbler.et.redhat.com/
<i>rubygem-coderay</i>	new	0.8.312	http://coderay.rubychan.de
<i>rubygem-configuration</i>	new	0.0.5	http://codeforpeople.com/lib/ruby/configuration/
<i>rubygem-daemons</i>	1.0.7	1.0.10	http://daemons.rubyforge.org
<i>rubygem-diff-lcs</i>	new	1.1.2	http://rubyforge.org/projects/ruwiki/
<i>rubygem-facade</i>	new	1.0.4	http://raa.ruby-lang.org/project/facade
<i>rubygem-fastercsv</i>	new	1.5.0	http://fastercsv.rubyforge.org/
<i>rubygem-fastthread</i>	1.0.1	1.0.7	http://mongrel.rubyforge.org
<i>rubygem-fattr</i>	new	1.0.3	http://rubyforge.org/projects/codeforpeople/
<i>rubygem-ferret</i>	new	0.11.6	http://rubyforge.org/projects/ferret/
<i>rubygem-flexmock</i>	new	0.8.6	http://flexmock.rubyforge.org
<i>rubygem-gettext</i>	2.0.0	2.0.4	http://www.yotabanana.com/hiki/ruby-gettext.html?ruby-gettext

패키지	구 버전	신 버전	업스트림 URL
<i>rubygem-gettext_activerecord</i>	new	2.0.4	http://www.yotabanana.com/hiki/ruby-gettext-rails.html
<i>rubygem-gettext_rails</i>	new	2.0.4	http://www.yotabanana.com/hiki/ruby-gettext-rails.html
<i>rubygem-gruff</i>	0.3.4	0.3.6	http://nubyonrails.com/pages/gruff
<i>rubygem-hoe</i>	1.12.1	2.3.3	http://rubyforge.org/projects/seattlerb/
<i>rubygem-htmlentities</i>	4.0.0	4.2.0	http://htmlentities.rubyforge.org/
<i>rubygem-json</i>	new	1.1.7	http://json.rubyforge.org
<i>rubygem-locale</i>	2.0.0	2.0.4	http://locale.rubyforge.org/
<i>rubygem-locale_rails</i>	new	2.0.4	http://www.yotabanana.com/hiki/ruby-locale-rails.html
<i>rubygem-main</i>	2.8.3	2.8.4	http://codeforpeople.com/lib/ruby/main/
<i>rubygem-mechanize</i>	0.9.2	0.9.3	http://mechanize.rubyforge.org/
<i>rubygem-mkrf</i>	new	0.2.3	http://mkrf.rubyforge.org/
<i>rubygem-mocha</i>	new	0.9.7	http://mocha.rubyforge.org
<i>rubygem-nokogiri</i>	1.2.3	1.3.3	http://nokogiri.rubyforge.org/nokogiri/
<i>rubygem-picnic</i>	0.7.1	0.8.1	http://rubyforge.org/projects/picnic/
<i>rubygem-polyglot</i>	new	0.2.5	http://polyglot.rubyforge.org
<i>rubygem-rack</i>	0.9.1	1.0.0	http://rubyforge.org/projects/rack/
<i>rubygem-rack-test</i>	new	0.4.0	http://gitrdoc.com/brynary/rack-test/tree/master

패키지	구 버전	신 버전	업스트림 URL
<i>rubygem-rails</i>	2.3.2	2.3.4	http://www.rubyonrails.org
<i>rubygem-rake</i>	0.8.4	0.8.7	http://rake.rubyforge.org
<i>rubygem-rake-compiler</i>	new	0.6.0	http://rake-compiler.rubyforge.org/
<i>rubygem-reststop</i>	0.3.0	0.4.0	http://rubyforge.org/projects/reststop/
<i>rubygem-rspec</i>	1.2.2	1.2.7	http://rspec.rubyforge.org
<i>rubygem-rubigen</i>	new	1.5.2	http://drnic.github.com/rubigen
<i>rubygem-ruby-opengl</i>	new	0.60.1	http://ruby-opengl.rubyforge.org/
<i>rubygem-rubyforge</i>	1.0.3	1.0.5	http://rubyforge.org/projects/codeforpeople
<i>rubygem-rufus-scheduler</i>	new	2.0.1	http://openwferu.rubyforge.org/scheduler.html
<i>rubygem-state_machine</i>	new	0.8.0	http://www.pluginaweek.org
<i>rubygem-syntax</i>	new	1.0.0	http://syntax.rubyforge.org/
<i>rubygem-term-ansicolor</i>	new	1.0.3	http://term-ansicolor.rubyforge.org
<i>rubygem-test-spec</i>	new	0.10.0	http://test-spec.rubyforge.org
<i>rubygem-treetop</i>	new	1.3.0	http://treetop.rubyforge.org/
<i>sbcl</i>	1.0.26	1.0.30	http://sbcl.sourceforge.net/
<i>scala</i>	2.7.3	2.7.5	http://www.scala-lang.org/
<i>scala-examples</i>	2.7.3	2.7.5	http://www.scala-lang.org/
<i>setools-libs-java</i>	3.3.5	3.3.6	http://oss.tresys.com/projects/setools
<i>setools-libs-python</i>	3.3.5	3.3.6	http://oss.tresys.com/projects/setools
<i>setools-libs-tcl</i>	3.3.5	3.3.6	http://oss.tresys.com/projects/setools
<i>slang-slsh</i>	2.1.4	2.2.1	http://www.jedsoft.org/slang/

패키지	구 버전	신 버전	업스트림 URL
<i>slib</i>	3b1	3b2	http://swissnet.ai.mit.edu/~jaffer/SLIB.html
<i>snobol</i>	4.1.1	4.1.2	http://www.snobol4.org
<i>snobol-devel</i>	4.1.1	4.1.2	http://www.snobol4.org
<i>sqlite-tcl</i>	3.6.12	3.6.17	http://www.sqlite.org/
<i>squeak-vm</i>	3.10.4	3.10.5	http://squeakvm.org/unix
<i>squeak-vm-nonXOplugins</i>	3.10.4	3.10.5	http://squeakvm.org/unix
<i>squeal</i>	new	0.4.1	https://fedorahosted.org/squeal
<i>tcl</i>	8.5.6	8.5.7	http://tcl.sourceforge.net/
<i>tcl-devel</i>	8.5.6	8.5.7	http://tcl.sourceforge.net/
<i>tk</i>	8.5.6	8.5.7	http://tcl.sourceforge.net
<i>tk-devel</i>	8.5.6	8.5.7	http://tcl.sourceforge.net
<i>tkinter</i>	2.6	2.6.2	http://www.python.org/
<i>translation-filter</i>	0.0.2	1.0	http://fedorahosted.org/translation-filter
<i>translation-filter-kde</i>	new	1.0	http://fedorahosted.org/translation-filter
<i>vala</i>	0.5.7	0.7.5	http://live.gnome.org/Vala
<i>vala-tools</i>	0.5.7	0.7.5	http://live.gnome.org/Vala
<i>vips-python</i>	7.16.4	7.18.2	http://www.vips.ecs.soton.ac.uk/
<i>wannier90-devel</i>	new	1.1	http://wannier.org/
<i>yap</i>	5.1.1	5.1.3	http://www.ncc.up.pt/~vsc/Yap
<i>yap-devel</i>	5.1.1	5.1.3	http://www.ncc.up.pt/~vsc/Yap
<i>yap-docs</i>	5.1.1	5.1.3	http://www.ncc.up.pt/~vsc/Yap

표 29. All Development-Languages changes (cont'd)

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8.4.6. 개발-라이브러리-자바

패키지	구 버전	신 버전	업스트림 URL
<i>automaton</i>	1.11r1	1.11r2	http://www.brics.dk/automaton/
<i>bsf</i>	2.3.0	2.4.0	http://jakarta.apache.org/bsf/
<i>gnu-getopt</i>	1.0.12	1.0.13	http://www.urbanophile.com/arenn/hacking/download.html
<i>icu4j</i>	3.8.1	4.0.1	http://www-306.ibm.com/software/globalization/icu/index.jsp
<i>jakarta-commons-io</i>	1.3.2	1.4	http://commons.apache.org/io/
<i>jakarta-commons-net</i>	1.4.1	2.0	http://commons.apache.org/net/
<i>jdepend</i>	2.6	2.9	http://www.clarkware.com/
<i>jdepend-demo</i>	2.6	2.9	http://www.clarkware.com/
<i>jsch</i>	0.1.39	0.1.41	http://www.jcraft.com/jsch/
<i>maven-shared-ant</i>	new	1.0	http://maven.apache.org/shared/
<i>maven-shared-app-configuration-model</i>	new	1.1	http://maven.apache.org/shared/
<i>maven-shared-app-configuration-web</i>	new	1.1	http://maven.apache.org/shared/
<i>maven-shared-archiver</i>	new	2.3	http://maven.apache.org/shared/
<i>maven-shared-common-artifact-filters</i>	new	1.0	http://maven.apache.org/shared/

패키지	구 버전	신 버전	업스트림 URL
<i>maven-shared-dependency-analyzer</i>	new	1.0	http://maven.apache.org/shared/
<i>maven-shared-dependency-tree</i>	new	1.1	http://maven.apache.org/shared/
<i>maven-shared-downloader</i>	new	1.2	http://maven.apache.org/shared/
<i>maven-shared-invoker</i>	new	2.0.7	http://maven.apache.org/shared/
<i>maven-shared-io</i>	new	1.1	http://maven.apache.org/shared/
<i>maven-shared-jar</i>	new	1.1	http://maven.apache.org/shared/
<i>maven-shared-model-converter</i>	new	2.3	http://maven.apache.org/shared/
<i>maven-shared-monitor</i>	new	1.0	http://maven.apache.org/shared/
<i>maven-shared-osgi</i>	new	0.2.0	http://maven.apache.org/shared/
<i>maven-shared-plugin-testing-harness</i>	1.0	1.2	http://maven.apache.org/shared/
<i>maven-shared-plugin-testing-tools</i>	new	1.0	http://maven.apache.org/shared/
<i>maven-shared-plugin-tools-ant</i>	new	2.2	http://maven.apache.org/shared/
<i>maven-shared-plugin-tools-api</i>	new	2.2	http://maven.apache.org/shared/
<i>maven-shared-plugin-tools-beanshell</i>	new	2.2	http://maven.apache.org/shared/
<i>maven-shared-plugin-tools-java</i>	new	2.2	http://maven.apache.org/shared/

패키지	구 버전	신 버전	업스트림 URL
<i>maven-shared-plugin-tools-model</i>	new	2.2	http://maven.apache.org/shared/
<i>maven-shared-reporting-impl</i>	new	2.1	http://maven.apache.org/shared/
<i>maven-shared-repository-builder</i>	new	1.0	http://maven.apache.org/shared/
<i>maven-shared-test-tools</i>	new	1.0	http://maven.apache.org/shared/
<i>maven-shared-verifier</i>	new	1.2	http://maven.apache.org/shared/
<i>qdox</i>	1.6.1	1.9.2	http://qdox.codehaus.org/

표 30. 개발-라이브러리-자바 모든 변경 사항

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8.4.7. 개발-라이브러리

패키지	구 버전	신 버전	업스트림 URL
<i>389-adminutil</i>	new	1.1.8	http://port389.org/wiki/AdminUtil
<i>389-adminutil-devel</i>	new	1.1.8	http://port389.org/wiki/AdminUtil
<i>389-ds-base-devel</i>	new	1.2.3	http://port389.org/
<i>CCfits</i>	2.1	2.2	http://heasarc.gsfc.nasa.gov/docs/software/fitsio/ccfits
<i>CCfits-devel</i>	2.1	2.2	http://heasarc.gsfc.nasa.gov/docs/software/fitsio/ccfits
<i>CGAL-devel</i>	3.3.1	3.5	http://www.cgal.org/
<i>ClanLib-devel</i>	0.8.1	1.0.0	http://www.clanlib.org/
<i>ConsoleKit-devel</i>	0.3.0	0.4.1	http://www.freedesktop.org/

패키지	구 버전	신 버전	업스트림 URL
			wiki/Software/ConsoleKit
<i>ConsoleKit-docs</i>	0.3.0	0.4.1	http://www.freedesktop.org/wiki/Software/ConsoleKit
<i>ConsoleKit-libs</i>	0.3.0	0.4.1	http://www.freedesktop.org/wiki/Software/ConsoleKit
<i>ConsoleKit-x11</i>	0.3.0	0.4.1	http://www.freedesktop.org/wiki/Software/ConsoleKit
<i>DeviceKit-devel</i>	003	dropped	http://gitweb.freedesktop.org/?p=users/david/DeviceKit.git;a=summary
<i>DeviceKit-disks-devel</i>	004	009	http://cgit.freedesktop.org/DeviceKit/DeviceKit-disks/
<i>DeviceKit-power-devel</i>	008	012	http://cgit.freedesktop.org/DeviceKit/DeviceKit-power/
<i>Falcon-devel</i>	0.8.14.2	0.9.4.2	http://www.falconpl.org/
<i>GConf2-devel</i>	2.26.0	2.28.0	http://projects.gnome.org/gconf/
<i>GMT-devel</i>	4.4.0	4.5.1	http://gmt.soest.hawaii.edu/
<i>GMT-octave</i>	4.4.0	4.5.1	http://gmt.soest.hawaii.edu/
<i>GMT-static</i>	4.4.0	4.5.1	http://gmt.soest.hawaii.edu/
<i>GeolP</i>	1.4.6	1.4.7	http://www.maxmind.com/app/c
<i>GeolP-devel</i>	1.4.6	1.4.7	http://www.maxmind.com/app/c
<i>GraphicsMagick-c++-devel</i>	1.1.14	1.3.7	http://www.graphicsmagick.org/

패키지	구 버전	신 버전	업스트림 URL
<i>GraphicsMagick-devel</i>	1.1.14	1.3.7	http://www.graphicsmagick.org/
<i>GtkAda-devel</i>	2.10.2	2.14.0	https://libre.adacore.com/GtkAda/
<i>GtkAda-gl</i>	new	2.14.0	https://libre.adacore.com/GtkAda/
<i>GtkAda-glade</i>	new	2.14.0	https://libre.adacore.com/GtkAda/
<i>GtkAda-gnome</i>	new	2.14.0	https://libre.adacore.com/GtkAda/
<i>ImageMagick-c++-devel</i>	6.5.1.2	6.5.4.7	http://www.imagemagick.org/
<i>ImageMagick-devel</i>	6.5.1.2	6.5.4.7	http://www.imagemagick.org/
<i>LuxRender-devel</i>	new	0.5	http://www.luxrender.net
<i>MySQL-python</i>	1.2.2	1.2.3	http://sourceforge.net/projects/mysql-python/
<i>NetworkManager-devel</i>	0.7.1	0.7.996	http://www.gnome.org/projects/NetworkManager/
<i>NetworkManager-glib</i>	0.7.1	0.7.996	http://www.gnome.org/projects/NetworkManager/
<i>NetworkManager-glib-devel</i>	0.7.1	0.7.996	http://www.gnome.org/projects/NetworkManager/
<i>PackageKit-backend-devel</i>	0.4.6	0.5.4	http://www.packagekit.org
<i>PackageKit-browser-plugin</i>	0.4.6	0.5.4	http://www.packagekit.org
<i>PackageKit-command-not-found</i>	0.4.6	0.5.4	http://www.packagekit.org
<i>PackageKit-device-rebind</i>	new	0.5.4	http://www.packagekit.org
<i>PackageKit-docs</i>	0.4.6	0.5.4	http://www.packagekit.org
<i>PackageKit-glib</i>	0.4.6	0.5.4	http://www.packagekit.org

패키지	구 버전	신 버전	업스트림 URL
<i>PackageKit-glib-devel</i>	0.4.6	0.5.4	http://www.packagekit.org
<i>PackageKit-gstreamer-plugin</i>	0.4.6	0.5.4	http://www.packagekit.org
<i>PackageKit-gtk-module</i>	0.4.6	0.5.4	http://www.packagekit.org
<i>PackageKit-qt</i>	0.4.6	0.5.4	http://www.packagekit.org
<i>PackageKit-qt-devel</i>	0.4.6	0.5.4	http://www.packagekit.org
<i>PgsLookAndFeel</i>	new	1.1	https://pgslookandfeel.dev.java.net/
<i>Pixie-devel</i>	2.2.5	2.2.6	http://www.renderpixie.com/
<i>PolicyKit-devel</i>	0.9	dropped	http://gitweb.freedesktop.org/?p=PolicyKit.git;a=summary
<i>PolicyKit-docs</i>	0.9	dropped	http://gitweb.freedesktop.org/?p=PolicyKit.git;a=summary
<i>PolicyKit-gnome-demo</i>	0.9.2	dropped	http://svn.gnome.org/viewvc/policykit-gnome/trunk
<i>PolicyKit-gnome-devel</i>	0.9.2	dropped	http://svn.gnome.org/viewvc/policykit-gnome/trunk
<i>PolicyKit-gnome-libs</i>	0.9.2	dropped	http://svn.gnome.org/viewvc/policykit-gnome/trunk
<i>R-Biostrings-devel</i>	new	2.12.9	http://bioconductor.org/packages/2.4/bioc/html/Biostrings.html
<i>R-BufferedMatrix-devel</i>	1.6.0	1.8.0	http://bioconductor.org/packages/release/bioc/html/BufferedMatrix.html
<i>R-IRanges-devel</i>	1.1.55	1.2.3	http://bioconductor.org/packages/2.4/bioc/html/IRanges.html
<i>R-preprocessCore-devel</i>	new	1.6.0	http://bioconductor.org/packages/2.4/bioc/html/preprocessCore.html
<i>RasmusDSP</i>	new	0.1	http://sourceforge.net/projects/rasmusdsp

패키지	구 버전	신 버전	업스트림 URL
<i>SDL_image-devel</i>	1.2.6	1.2.7	http://www.libsdl.org/projects/SDL_image/
<i>TeXmacs-devel</i>	1.0.7.1	1.0.7.2	http://www.texmacs.org
<i>abrt-devel</i>	0.0.3	0.0.11	https://fedorahosted.org/abrt/
<i>afflib-devel</i>	3.3.4	3.4.1	http://www.afflib.org
<i>akonadi-devel</i>	1.1.2	1.2.1	http://download.akonadi-project.org/
<i>alsa-lib-devel</i>	1.0.20	1.0.21	http://www.alsa-project.org/
<i>anerley-devel</i>	new	0.1.7	http://www.moblin.org/
<i>anjuta-devel</i>	2.26.1.0	2.28.1.0	http://www.anjuta.org/
<i>apbs-devel</i>	new	1.1.0	http://apbs.sourceforge.net/
<i>apr-devel</i>	1.3.3	1.3.9	http://apr.apache.org/
<i>apr-util-devel</i>	1.3.4	1.3.9	http://apr.apache.org/
<i>apr-util-freetds</i>	1.3.4	1.3.9	http://apr.apache.org/
<i>apr-util-ldap</i>	1.3.4	1.3.9	http://apr.apache.org/
<i>apr-util-mysql</i>	1.3.4	1.3.9	http://apr.apache.org/
<i>apr-util-odbc</i>	1.3.4	1.3.9	http://apr.apache.org/
<i>apr-util-pgsql</i>	1.3.4	1.3.9	http://apr.apache.org/
<i>apr-util-sqlite</i>	1.3.4	1.3.9	http://apr.apache.org/
<i>aqsis-devel</i>	1.4.2	1.6.0	http://www.aqsis.org
<i>arm4-devel</i>	0.8.1	0.8.2	http://www.arm4.org/
<i>arm4-java</i>	0.8.1	0.8.2	http://www.arm4.org/
<i>armadillo</i>	new	0.6.12	http://arma.sourceforge.net/
<i>armadillo-devel</i>	new	0.6.12	http://arma.sourceforge.net/
<i>asio-devel</i>	1.2.0	1.4.1	http://sourceforge.net/projects/asio/
<i>asterisk-devel</i>	1.6.1	1.6.1.9	http://www.asterisk.org/
<i>at-spi-devel</i>	1.26.0	1.28.1	http://developer.gnome.org/projects/gap/
<i>at-spi-python</i>	1.26.0	1.28.1	http://developer.gnome.org/projects/gap/

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<i>atk-devel</i>	1.25.2	1.28.0	http:// developer.gnome.org/ projects/gap/
<i>audacious-devel</i>	1.5.1	2.1	http://audacious-media- player.org/
<i>audit-libs</i>	1.7.12	2.0.1	http:// people.redhat.com/ sgrubb/audit/
<i>audit-libs-devel</i>	1.7.12	2.0.1	http:// people.redhat.com/ sgrubb/audit/
<i>audit-libs-python</i>	1.7.12	2.0.1	http:// people.redhat.com/ sgrubb/audit/
<i>augeas-devel</i>	0.5.0	0.5.3	http://augeas.net/
<i>avahi-ui-sharp-devel</i>	new	0.6.25	http://avahi.org
<i>avogadro-devel</i>	0.9.3	1.0.0	http:// avogadro.openmolecules.net/
<i>babl-devel</i>	0.0.22	0.1.0	http://www.gegl.org/ babl/
<i>backport-util-concurrent</i>	new	3.1	http://backport- jsr166.sourceforge.net
<i>banshee-devel</i>	1.4.3	1.5.1	http://banshee- project.org/
<i>banshee-musicbrainz-devel</i>	1.4.3	1.5.1	http://banshee- project.org/
<i>barry-devel-docs</i>	new	0.15	http://www.netdirect.ca/ downloads/barry
<i>bes-devel</i>	3.6.2	3.7.2	http:// www.opendap.org/ download/BES.html
<i>bickley-devel</i>	new	0.4.3	http://moblin.org/ projects/bickley
<i>bitlbee-devel</i>	new	1.2.4	http://www.bitlbee.org/
<i>blacs-common</i>	new	1.1	http://www.netlib.org/ blacs
<i>blacs-lam</i>	new	1.1	http://www.netlib.org/ blacs
<i>blacs-lam-devel</i>	new	1.1	http://www.netlib.org/ blacs
<i>blacs-mpich2</i>	new	1.1	http://www.netlib.org/ blacs

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<i>blacs-mpich2-devel</i>	new	1.1	http://www.netlib.org/blacs
<i>blacs-openmpi</i>	new	1.1	http://www.netlib.org/blacs
<i>blacs-openmpi-devel</i>	new	1.1	http://www.netlib.org/blacs
<i>blas</i>	3.1.1	3.2.1	http://www.netlib.org/lapack/
<i>blas-devel</i>	3.1.1	3.2.1	http://www.netlib.org/lapack/
<i>bluez-libs-devel</i>	4.37	4.57	http://www.bluez.org/
<i>bogno-regis-devel</i>	new	0.4.10	http://www.moblin.org/
<i>boinc-client-devel</i>	6.4.7	6.6.37	http://boinc.berkeley.edu/
<i>boinc-client-static</i>	new	6.6.37	http://boinc.berkeley.edu/
<i>boo-devel</i>	0.8.1.2865	0.9.2.3383	http://boo.codehaus.org
<i>boost-devel</i>	1.37.0	1.39.0	http://www.boost.org/
<i>boost-static</i>	1.37.0	1.39.0	http://www.boost.org/
<i>botan-devel</i>	1.8.1	1.8.7	http://botan.randombit.net/
<i>bpython</i>	0.7.1	0.9.4	http://www.bpython-interpreter.org/
<i>brasero-devel</i>	2.26.1	2.28.2	http://www.gnome.org/projects/brasero/
<i>bullet</i>	new	2.75	http://www.bulletphysics.com
<i>bullet-devel</i>	new	2.75	http://www.bulletphysics.com
<i>c-ares-devel</i>	1.5.3	1.6.0	http://c-ares.haxx.se/
<i>cairo-devel</i>	1.8.6	1.8.8	http://cairographics.org
<i>cas</i>	0.13	0.14	http://fedorahosted.org/cas
<i>cduce</i>	0.5.2.1	0.5.3	http://www.cduce.org/
<i>cduce-devel</i>	0.5.2.1	0.5.3	http://www.cduce.org/
<i>celt-devel</i>	0.5.2	0.7.0	http://www.celt-codec.org/
<i>cfitsio</i>	3.130	3.140	http://heasarc.gsfc.nasa.gov/docs/software/fitsio/fitsio.html

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<i>cfitsio-devel</i>	3.130	3.140	http://heasarc.gsfc.nasa.gov/docs/software/fitsio/fitsio.html
<i>cfitsio-docs</i>	new	3.140	http://heasarc.gsfc.nasa.gov/docs/software/fitsio/fitsio.html
<i>cfitsio-static</i>	3.130	3.140	http://heasarc.gsfc.nasa.gov/docs/software/fitsio/fitsio.html
<i>chameleon</i>	new	0.2	https://fedorahosted.org/chameleon
<i>chealpix-devel</i>	2.11c	2.12a	http://healpix.jpl.nasa.gov/
<i>check-devel</i>	0.9.6	0.9.8	http://check.sourceforge.net/
<i>check-static</i>	0.9.6	0.9.8	http://check.sourceforge.net/
<i>cherokee-devel</i>	0.99.0	0.99.24	http://www.cherokee-project.com/
<i>chmlib</i>	0.39	0.40	http://www.jedrea.com/chmlib/
<i>chmlib-devel</i>	0.39	0.40	http://www.jedrea.com/chmlib/
<i>chunkd-devel</i>	new	0.4	http://hail.wiki.kernel.org/
<i>cim-schema</i>	new	2.22.0	http://www.dmtf.org/
<i>clamav-devel</i>	0.95.1	0.95.2	http://www.clamav.net
<i>classads</i>	1.0.1	1.0.4	http://www.cs.wisc.edu/condor/classad/
<i>claws-mail-devel</i>	3.7.1	3.7.3	http://claws-mail.org
<i>cld-devel</i>	new	0.2.1	http://hail.wiki.kernel.org/
<i>clips-devel</i>	6.24	6.30.0	http://clipsrules.sourceforge.net
<i>clipsmm-devel</i>	0.0.7	0.1.0	http://clipsmm.sourceforge.net
<i>cln-devel</i>	1.2.2	1.3.0	http://www.ginac.de/CLN/
<i>cloog-ppl</i>	0.15	0.15.7	http://www.cloog.org

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<i>cloog-ppl-devel</i>	0.15	0.15.7	http://www.cloog.org
<i>clthreads-devel</i>	new	2.4.0	http://www.kokkinizita.net/linuxaudio/
<i>cluster-glue-libs</i>	new	1.0	http://www.clusterlabs.org
<i>cluster-glue-libs-devel</i>	new	1.0	http://www.clusterlabs.org
<i>clusterlib-devel</i>	3.0.0	3.0.4	http://sources.redhat.com/cluster/wiki/
<i>clutter</i>	0.8.6	1.0.6	http://www.clutter-project.org/
<i>clutter-caiomm-devel</i>	0.7.4	dropped	http://www.gtkmm.org/
<i>clutter-devel</i>	0.8.6	1.0.6	http://www.clutter-project.org/
<i>clutter-gst-devel</i>	0.8.0	0.10.0	http://www.clutter-project.org
<i>clutter-gtk-devel</i>	0.8.2	0.10.2	http://www.clutter-project.org
<i>clutter-gtkmm-devel</i>	0.7.4	0.9.4	http://www.gtkmm.org/
<i>clutter-imcontext-devel</i>	new	0.1.4	http://www.moblin.org/
<i>cluttermm-devel</i>	0.7.5	0.9.4	http://www.gtkmm.org/
<i>cobertura</i>	new	1.9	http://cobertura.sourceforge.net/
<i>comoonics-base-py</i>	new	0.1	http://www.open-sharedroot.org/development/comoonics-base-py
<i>comoonics-cdsl-py</i>	new	0.2	http://www.open-sharedroot.org/development/comoonics-cdsl-py
<i>comoonics-cluster-py</i>	new	0.1	http://www.open-sharedroot.org/development/comoonics-cluster-py
<i>compat-libgdammd-devel</i>	new	3.0.1	http://www.gtkmm.org/
<i>compat-readline5-devel</i>	new	5.2	http://cnswww.cns.cwru.edu/php/chet/readline/rltop.html

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<i>compat-readline5-static</i>	new	5.2	http://cnswww.cns.cwru.edu/php/chet/readline/rltop.html
<i>compat-wxGTK26-devel</i>	2.6.4	dropped	http://www.wxwidgets.org/
<i>compiz-bcop</i>	0.7.8	0.8.2	http://compiz-fusion.org
<i>compiz-devel</i>	0.7.8	0.8.2	http://www.go-compiz.org
<i>compiz-fusion-devel</i>	0.7.8	0.8.2	http://compiz-fusion.org
<i>compiz-fusion-extras-devel</i>	0.7.8	0.8.2	http://compiz-fusion.org
<i>compizconfig-python</i>	0.7.8	0.8.2	http://www.compiz-fusion.org
<i>cone-devel</i>	0.75	0.78	http://www.courier-mta.org/cone/
<i>conexus-dbus-devel</i>	new	0.9.0	http://conexus.sourceforge.net
<i>conexus-devel</i>	0.6.0	0.9.0	http://conexus.sourceforge.net
<i>conexus-gtkmm-devel</i>	0.6.0	0.9.0	http://conexus.sourceforge.net
<i>conexus-nspr-devel</i>	0.6.0	0.9.0	http://conexus.sourceforge.net
<i>conexus-nss-devel</i>	0.6.0	0.9.0	http://conexus.sourceforge.net
<i>conexus-ssl-devel</i>	0.6.0	0.9.0	http://conexus.sourceforge.net
<i>control-center-devel</i>	2.26.0	2.28.1	http://www.gnome.org
<i>control-center-filesystem</i>	2.26.0	2.28.1	http://www.gnome.org
<i>corosynclib-devel</i>	0.95	1.1.2	http://www.openais.org
<i>cpptasks</i>	new	1.0b5	http://ant-contrib.sourceforge.net/
<i>cryptsetup-luks-devel</i>	1.0.6	1.1.0	http://cryptsetup.googlecode.com/
<i>csound-devel</i>	5.03.0	5.10.1	http://csound.sourceforge.net/
<i>csound-python</i>	5.03.0	5.10.1	http://csound.sourceforge.net/
<i>ctdb-devel</i>	1.0.73	1.0.91	http://ctdb.samba.org/

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<i>ctemplate-devel</i>	0.93	0.95	http://code.google.com/p/google-ctemplate/
<i>cudd</i>	2.4.1	2.4.2	http://vlsi.colorado.edu/~fabio/CUDD/
<i>cudd-devel</i>	2.4.1	2.4.2	http://vlsi.colorado.edu/~fabio/CUDD/
<i>cudd-static</i>	2.4.1	2.4.2	http://vlsi.colorado.edu/~fabio/CUDD/
<i>cups-devel</i>	1.4	1.4.1	http://www.cups.org/

표 31. 개발-라이브러리 모든 변경 사항

패키지	구 버전	신 버전	업스트림 URL
<i>cyrus-imapd-devel</i>	2.3.14	2.3.15	http://cyrusimap.web.cmu.edu/
<i>cyrus-sasl-devel</i>	2.1.22	2.1.23	http://asg.web.cmu.edu/sasl/sasl-library.html
<i>dbus-cxx-devel</i>	new	0.4.3	http://dbus-cxx.sourceforge.net/
<i>dbus-cxx-glibmm-devel</i>	new	0.4.3	http://dbus-cxx.sourceforge.net/
<i>dbus-devel</i>	1.2.12	1.2.16	http://www.freedesktop.org/software/dbus/
<i>dbus-glib-devel</i>	0.80	0.82	http://www.freedesktop.org/software/dbus/
<i>dbus-libs</i>	1.2.12	1.2.16	http://www.freedesktop.org/software/dbus/
<i>dbus-x11</i>	1.2.12	1.2.16	http://www.freedesktop.org/software/dbus/
<i>dcdb-devel</i>	0.9.7	0.9.15	http://e1000.sourceforge.net
<i>deskbar-applet-devel</i>	new	2.27.90	http://live.gnome.org/DeskbarApplet
<i>devhelp-devel</i>	0.23	2.28.1	http://developer.imendio.com/projects/devhelp
<i>device-mapper-devel</i>	1.02.31	1.02.38	http://sources.redhat.com/lvm2

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<i>dhcpc-devel</i>	4.1.0	4.1.0p1	http://isc.org/products/DHCP/
<i>dietlibc</i>	0.31	0.32	http://www.fefe.de/dietlibc/
<i>dietlibc-devel</i>	0.31	0.32	http://www.fefe.de/dietlibc/
<i>dietlibc-header</i>	0.31	0.32	http://www.fefe.de/dietlibc/
<i>digikam-devel</i>	0.10.0	1.0.0	http://www.digikam.org/
<i>directfb-devel</i>	1.2.7	1.4.2	http://www.directfb.org/
<i>directory-naming</i>	new	0.8	http:// directory.apache.org
<i>dmraid-devel</i>	1.0.0.rc15	1.0.0.rc16	http:// people.redhat.com/ heinzm/sw/dmraid
<i>dovecot-devel</i>	1.2	1.2.6	http://www.dovecot.org/
<i>dssi-devel</i>	0.9.1	1.0.0	http:// dssi.sourceforge.net/
<i>e2fsprogs-devel</i>	1.41.4	1.41.9	http:// e2fsprogs.sourceforge.net/
<i>e2fsprogs-libs</i>	1.41.4	1.41.9	http:// e2fsprogs.sourceforge.net/
<i>easymock</i>	new	1.2	http:// www.easymock.org/
<i>eb-devel</i>	4.3.2	4.4.1	http://www.sra.co.jp/ people/m-kasahr/eb/
<i>echolib</i>	0.13.0	0.13.1	http:// svxlink.sourceforge.net
<i>echolib-devel</i>	0.13.0	0.13.1	http:// svxlink.sourceforge.net
<i>eclib-devel</i>	new	20080310	http:// www.warwick.ac.uk/ ~masgaj/
<i>eclipse-photran-intel</i>	4.0.0	5.0.0	http://www.eclipse.org/ photran
<i>eclipse-photran-xf</i>	4.0.0	5.0.0	http://www.eclipse.org/ photran
<i>eggdbus</i>	new	0.5	http:// cgit.freedesktop.org/ ~david/eggdbus
<i>eggdbus-devel</i>	new	0.5	http:// cgit.freedesktop.org/ ~david/eggdbus

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<i>eigen2-devel</i>	2.0.0	2.0.6	http://eigen.tuxfamily.org/
<i>em8300-devel</i>	0.17.2	0.17.3	http://dxr3.sourceforge.net/
<i>emacs-dinotrace</i>	new	9.4a	http://www.veripool.org/wiki/dinotrace
<i>emacs-systemc-mode</i>	new	1.330	http://search.cpan.org/dist/SystemPerl/
<i>emacs-vregs-mode</i>	1.462	1.463	http://search.cpan.org/dist/SystemC-Vregs/
<i>emerald-devel</i>	0.7.8	0.8.2	http://www.compiz-fusion.org/
<i>empathy-devel</i>	2.26.1	2.28.1.1	http://live.gnome.org/Empathy
<i>empathy-libs</i>	2.26.1	2.28.1.1	http://live.gnome.org/Empathy
<i>enca-devel</i>	1.9	1.10	http://gitorious.org/enca
<i>enchant-devel</i>	1.4.2	1.5.0	http://www.abisource.com/
<i>eog-devel</i>	2.26.1	2.28.1	http://projects.gnome.org/eog/
<i>epiphany-devel</i>	2.26.1	2.28.1	http://www.gnome.org/projects/epiphany/
<i>erlang-erlsyslog</i>	new	0.1	http://code.google.com/p/erlsyslog
<i>erlang-esdl</i>	0.96.0626	1.0.1	http://esdl.sourceforge.net
<i>erlang-esdl-devel</i>	0.96.0626	1.0.1	http://esdl.sourceforge.net
<i>espeak-devel</i>	1.39	1.40.02	http://espeak.sourceforge.net
<i>evince-devel</i>	2.26.1	2.28.1	http://projects.gnome.org/evince/
<i>evolution-data-server-devel</i>	2.26.1	2.28.0	http://projects.gnome.org/evolution/
<i>evolution-data-server-doc</i>	2.26.1	2.28.0	http://projects.gnome.org/evolution/

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<i>evolution-devel</i>	2.26.1	2.28.0	http:// projects.gnome.org/ evolution/
<i>evolution-mapi-devel</i>	0.26.1	0.28.0	http://www.gnome.org/ projects/evolution- mapi/
<i>evolution-sharp-devel</i>	0.20.0	0.21.1	http://ftp.gnome.org/ pub/GNOME/sources/ evolution-sharp/
<i>ewl-devel</i>	new	0.5.2.042	http:// www.enlightenment.org/
<i>exiv2-devel</i>	0.18.1	0.18.2	http://www.exiv2.org/
<i>exo-devel</i>	0.3.101	0.3.104	http://xfce.org/
<i>expatmm-devel</i>	new	1.0.2	http:// devzone.intellitree.com/ projects/expatmm/
<i>farsight2-devel</i>	0.0.9	0.0.16	http:// farsight.freedesktop.org/ wiki/
<i>farsight2-python</i>	0.0.9	0.0.16	http:// farsight.freedesktop.org/ wiki/
<i>fityk-devel</i>	0.8.1	0.8.8	http:// fityk.sourceforge.net/
<i>flickcurl-devel</i>	new	1.13	http://librdf.org/flickcurl/
<i>flicknet</i>	2.1.5	2.2	http:// www.codeplex.com/ FlickrNet
<i>flicknet-devel</i>	2.1.5	2.2	http:// www.codeplex.com/ FlickrNet
<i>fluidsynth-devel</i>	1.0.8	1.0.9	http:// www.fluidsynth.org/
<i>fontconfig-devel</i>	2.6.99.behdad.20090508	2.7.3	http://fontconfig.org
<i>fontforge-devel</i>	20090224	20090622	http:// fontforge.sourceforge.net/
<i>freefem++-devel</i>	3.0	3.5	http://www.freefem.org/ ff++/index.htm
<i>freelut-devel</i>	2.4.0	2.6.0	http:// freelut.sourceforge.net
<i>freeradius-devel</i>	2.1.3	2.1.7	http:// www.freeradius.org/

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<i>ftgl-devel</i>	2.1.2	2.1.3	http://ftgl.wiki.sourceforge.net/
<i>fuse-devel</i>	2.7.4	2.8.1	http://fuse.sf.net
<i>g2clib-devel</i>	1.1.7	1.1.9	http://www.nco.ncep.noaa.gov/pmb/codes/GRIB2/
<i>gai-devel</i>	0.5.10	dropped	http://gai.sourceforge.net
<i>gammu-devel</i>	1.23.92	1.25.0	http://cihar.com/gammu/
<i>gconfmm26-devel</i>	2.24.0	2.28.0	http://gtkmm.sourceforge.net/
<i>gdal-devel</i>	1.6.0	1.6.1	http://www.gdal.org/
<i>gdal-java</i>	1.6.0	1.6.1	http://www.gdal.org/
<i>gdal-perl</i>	1.6.0	1.6.1	http://www.gdal.org/
<i>gdal-python</i>	1.6.0	1.6.1	http://www.gdal.org/
<i>gdal-ruby</i>	1.6.0	1.6.1	http://www.gdal.org/
<i>gdal-static</i>	1.6.0	1.6.1	http://www.gdal.org/
<i>gedit-devel</i>	2.26.1	2.28.0	http://projects.gnome.org/gedit/
<i>gegl-devel</i>	0.0.22	0.1.0	http://www.gegl.org/
<i>geglmm</i>	0.0.22	0.1.0	http://ftp.gnome.org/pub/gnome/sources/geglmm
<i>geglmm-devel</i>	0.0.22	0.1.0	http://ftp.gnome.org/pub/gnome/sources/geglmm
<i>geoclue-doc</i>	new	0.11.1.1	http://geoclue.freedesktop.org/
<i>geos-devel</i>	3.0.3	3.1.1	http://trac.osgeo.org/geos/
<i>geos-python</i>	3.0.3	3.1.1	http://trac.osgeo.org/geos/
<i>geos-ruby</i>	3.0.3	3.1.1	http://trac.osgeo.org/geos/
<i>gerbv-devel</i>	2.2.0	2.3.0	http://gerbv.gpleda.org/index.html
<i>gflags-devel</i>	1.0	1.1	http://code.google.com/p/google-gflags/
<i>ghc-GLUT-devel</i>	new	2.1.1.2	http://www.haskell.org/haskellwiki/OpenGL

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<i>ghc-GLUT-doc</i>	new	2.1.1.2	http://www.haskell.org/haskellwiki/OpenGL
<i>ghc-GLUT-prof</i>	new	2.1.1.2	http://www.haskell.org/haskellwiki/OpenGL
<i>ghc-HTTP-devel</i>	4000.0.4	4000.0.6	http://projects.haskell.org/http/
<i>ghc-HTTP-doc</i>	4000.0.4	4000.0.6	http://projects.haskell.org/http/
<i>ghc-HTTP-prof</i>	4000.0.4	4000.0.6	http://projects.haskell.org/http/
<i>ghc-OpenGL-devel</i>	new	2.2.1.1	http://www.haskell.org/haskellwiki/OpenGL
<i>ghc-OpenGL-doc</i>	new	2.2.1.1	http://www.haskell.org/haskellwiki/OpenGL
<i>ghc-OpenGL-prof</i>	new	2.2.1.1	http://www.haskell.org/haskellwiki/OpenGL
<i>ghc-cairo-devel</i>	0.10.0	0.10.1	http://gtk2hs.sourceforge.net/
<i>ghc-cairo-prof</i>	0.10.0	0.10.1	http://gtk2hs.sourceforge.net/
<i>ghc-cpphs-devel</i>	1.6	1.9	http://hackage.haskell.org/cgi-bin/hackage-scripts/package/cpphs
<i>ghc-cpphs-doc</i>	1.6	1.9	http://hackage.haskell.org/cgi-bin/hackage-scripts/package/cpphs
<i>ghc-cpphs-prof</i>	1.6	1.9	http://hackage.haskell.org/cgi-bin/hackage-scripts/package/cpphs
<i>ghc-editline-devel</i>	new	0.2.1.0	http://code.haskell.org/editline
<i>ghc-editline-doc</i>	new	0.2.1.0	http://code.haskell.org/editline
<i>ghc-editline-prof</i>	new	0.2.1.0	http://code.haskell.org/editline
<i>ghc-gconf-devel</i>	0.10.0	0.10.1	http://gtk2hs.sourceforge.net/

패키지	구 버전	신 버전	업스트림 URL
<i>ghc-gconf-prof</i>	0.10.0	0.10.1	http:// gtk2hs.sourceforge.net/
<i>ghc-gio-devel</i>	0.10.0	0.10.1	http:// gtk2hs.sourceforge.net/
<i>ghc-gio-prof</i>	0.10.0	0.10.1	http:// gtk2hs.sourceforge.net/
<i>ghc-glade-devel</i>	0.10.0	0.10.1	http:// gtk2hs.sourceforge.net/
<i>ghc-glade-prof</i>	0.10.0	0.10.1	http:// gtk2hs.sourceforge.net/
<i>ghc-glib-devel</i>	0.10.0	0.10.1	http:// gtk2hs.sourceforge.net/
<i>ghc-glib-prof</i>	0.10.0	0.10.1	http:// gtk2hs.sourceforge.net/
<i>ghc-gstreamer-devel</i>	0.10.0	0.10.1	http:// gtk2hs.sourceforge.net/
<i>ghc-gstreamer-prof</i>	0.10.0	0.10.1	http:// gtk2hs.sourceforge.net/
<i>ghc-gtk-devel</i>	0.10.0	0.10.1	http:// gtk2hs.sourceforge.net/
<i>ghc-gtk-prof</i>	0.10.0	0.10.1	http:// gtk2hs.sourceforge.net/
<i>ghc-gtk2hs-common</i>	0.10.0	0.10.1	http:// gtk2hs.sourceforge.net/
<i>ghc-gtk2hs-compatible</i>	0.10.0	0.10.1	http:// gtk2hs.sourceforge.net/
<i>ghc-gtk2hs-doc</i>	0.10.0	0.10.1	http:// gtk2hs.sourceforge.net/
<i>ghc-gtkglext-devel</i>	0.10.0	0.10.1	http:// gtk2hs.sourceforge.net/
<i>ghc-gtkglext-prof</i>	0.10.0	0.10.1	http:// gtk2hs.sourceforge.net/
<i>ghc-gtksourceview2-devel</i>	0.10.0	0.10.1	http:// gtk2hs.sourceforge.net/
<i>ghc-gtksourceview2-prof</i>	0.10.0	0.10.1	http:// gtk2hs.sourceforge.net/
<i>ghc-haskell-src-externals-devel</i>	0.4.8	1.1.4	http:// hackage.haskell.org/ cgi-bin/hackage-scripts/ package/haskell-src- externals
<i>ghc-haskell-src-externals-doc</i>	0.4.8	1.1.4	http:// hackage.haskell.org/

패키지	구 버전	신 버전	업스트림 URL
			cgi-bin/hackage-scripts/package/haskell-src-externals
<i>ghc-haskell-src-externals-prof</i>	0.4.8	1.1.4	http://hackage.haskell.org/cgi-bin/hackage-scripts/package/haskell-src-externals
<i>ghc-hscolor-devel</i>	1.12	1.15	http://www.cs.york.ac.uk/fp/darcs/hscolor/
<i>ghc-hscolor-doc</i>	1.12	1.15	http://www.cs.york.ac.uk/fp/darcs/hscolor/
<i>ghc-hscolor-prof</i>	1.12	1.15	http://www.cs.york.ac.uk/fp/darcs/hscolor/
<i>ghc-prof</i>	6.10.1	6.10.4	http://haskell.org/ghc/
<i>ghc-rpm-macros</i>	new	0.2.1	https://fedoraproject.org/wiki/Haskell_SIG
<i>ghc-soegtk-devel</i>	0.10.0	0.10.1	http://gtk2hs.sourceforge.net/
<i>ghc-soegtk-prof</i>	0.10.0	0.10.1	http://gtk2hs.sourceforge.net/
<i>ghc-svgcairo-devel</i>	0.10.0	0.10.1	http://gtk2hs.sourceforge.net/
<i>ghc-svgcairo-prof</i>	0.10.0	0.10.1	http://gtk2hs.sourceforge.net/
<i>ghc-tar-devel</i>	new	0.3.1.0	http://hackage.haskell.org/cgi-bin/hackage-scripts/package/tar
<i>ghc-tar-doc</i>	new	0.3.1.0	http://hackage.haskell.org/cgi-bin/hackage-scripts/package/tar
<i>ghc-tar-prof</i>	new	0.3.1.0	http://hackage.haskell.org/cgi-bin/hackage-scripts/package/tar
<i>ghc-utf8-string-devel</i>	new	0.3.5	http://hackage.haskell.org/cgi-bin/hackage-scripts/package/utf8-string

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<i>ghc-utf8-string-doc</i>	new	0.3.5	http://hackage.haskell.org/cgi-bin/hackage-scripts/package/utf8-string
<i>ghc-utf8-string-prof</i>	new	0.3.5	http://hackage.haskell.org/cgi-bin/hackage-scripts/package/utf8-string
<i>ghc-xmonad-devel</i>	new	0.8.1	http://hackage.haskell.org/cgi-bin/hackage-scripts/package/xmonad
<i>ghc-xmonad-doc</i>	new	0.8.1	http://hackage.haskell.org/cgi-bin/hackage-scripts/package/xmonad
<i>ghc-xmonad-prof</i>	new	0.8.1	http://hackage.haskell.org/cgi-bin/hackage-scripts/package/xmonad
<i>ghostscript-devel</i>	8.64	8.70	http://www.ghostscript.com/
<i>gimp-devel</i>	2.6.6	2.6.7	http://www.gimp.org/
<i>gir-repository</i>	new	0.6.5	http://live.gnome.org/GObjectIntrospection
<i>gir-repository-devel</i>	new	0.6.5	http://live.gnome.org/GObjectIntrospection
<i>gjs-devel</i>	new	0.4	http://live.gnome.org/Gjs/
<i>gl2ps-devel</i>	1.3.2	1.3.3	http://www.geuz.org/gl2ps/
<i>glabels-devel</i>	2.2.4	2.2.5	http://glabels.sf.net
<i>glabels-doc</i>	2.2.4	2.2.5	http://glabels.sf.net
<i>glabels-libs</i>	2.2.4	2.2.5	http://glabels.sf.net
<i>glade3-libgladeui</i>	3.6.1	3.6.7	http://glade.gnome.org/
<i>glade3-libgladeui-devel</i>	3.6.1	3.6.7	http://glade.gnome.org/
<i>glib2-devel</i>	2.20.1	2.22.2	http://www.gtk.org
<i>glib2-static</i>	2.20.1	2.22.2	http://www.gtk.org
<i>glibc-devel</i>	2.10.1	2.11	http://sources.redhat.com/glibc/

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<i>glibc-headers</i>	2.10.1	2.11	http://sources.redhat.com/glibc/
<i>glibc-static</i>	2.10.1	2.11	http://sources.redhat.com/glibc/
<i>glibmm24-devel</i>	2.20.0	2.22.1	http://gtkmm.sourceforge.net/
<i>globus-callout-devel</i>	new	0.7	http://www.globus.org/
<i>globus-ftp-client-devel</i>	new	3.14	http://www.globus.org/
<i>globus-ftp-control-devel</i>	new	2.10	http://www.globus.org/
<i>globus-gass-copy-devel</i>	new	4.14	http://www.globus.org/
<i>globus-gass-transfer-devel</i>	new	3.4	http://www.globus.org/
<i>globus-gsi-callback-devel</i>	new	1.10	http://www.globus.org/
<i>globus-gsi-cert-utils-devel</i>	new	5.5	http://www.globus.org/
<i>globus-gsi-credential-devel</i>	new	2.2	http://www.globus.org/
<i>globus-gsi-openssl-error-devel</i>	new	0.14	http://www.globus.org/
<i>globus-gsi-proxy-core-devel</i>	new	3.4	http://www.globus.org/
<i>globus-gsi-proxy-ssl-devel</i>	new	1.5	http://www.globus.org/
<i>globus-gsi-sysconfig-devel</i>	new	2.2	http://www.globus.org/
<i>globus-gss-assist-devel</i>	new	4.0	http://www.globus.org/
<i>globus-gssapi-error-devel</i>	new	2.5	http://www.globus.org/
<i>globus-gssapi-gsi-devel</i>	new	5.9	http://www.globus.org/
<i>globus-io-devel</i>	new	6.3	http://www.globus.org/
<i>globus-openssl-devel</i>	new	3.0	http://www.globus.org/
<i>globus-openssl-module-devel</i>	new	0.6	http://www.globus.org/
<i>globus-rls-client-devel</i>	new	5.1	http://www.globus.org/
<i>globus-rls-assist-devel</i>	new	2.1	http://www.globus.org/
<i>globus-rls-devel</i>	new	5.0	http://www.globus.org/
<i>globus-usage-devel</i>	new	1.0	http://www.globus.org/

패키지	구 버전	신 버전	업스트림 URL
<i>globus-xio-devel</i>	new	2.8	http://www.globus.org/
<i>globus-xio-gsi-driver-devel</i>	new	0.6	http://www.globus.org/
<i>globus-xio-popen-driver-devel</i>	new	0.2	http://www.globus.org/
<i>glom-devel</i>	1.10.0	1.12.2	http://www.glom.org/
<i>gloox-devel</i>	new	1.0	http://camaya.net/gloox
<i>glpk-devel</i>	4.36	4.39	http://www.gnu.org/software/glpk/glpk.html
<i>glpk-static</i>	4.36	4.39	http://www.gnu.org/software/glpk/glpk.html
<i>glpk-utils</i>	4.36	4.39	http://www.gnu.org/software/glpk/glpk.html
<i>glusterfs-devel</i>	2.0.0	2.0.6	http://www.gluster.org/
<i>glx-utils</i>	7.5	7.6	http://www.mesa3d.org
<i>gmime-devel</i>	2.4.3	2.4.7	http://spruce.sourceforge.net/gmime/
<i>gmime-sharp</i>	2.4.3	2.4.7	http://spruce.sourceforge.net/gmime/
<i>gmp-devel</i>	4.2.4	4.3.1	http://gmplib.org/
<i>gmp-ecm-devel</i>	6.2.1	6.2.3	http://gforge.inria.fr/projects/ecm/
<i>gmp-ecm-static</i>	6.2.1	6.2.3	http://gforge.inria.fr/projects/ecm/
<i>gmp-static</i>	4.2.4	4.3.1	http://gmplib.org/
<i>gmpc-devel</i>	0.16.1	0.18.0	http://gmpcwiki.sarine.nl/
<i>gnash-devel</i>	new	0.9.0	http://www.gnu.org/software/gnash/
<i>gnokii-devel</i>	0.6.27	0.6.28	http://www.gnokii.org/
<i>gnome-applet-sensors-devel</i>	2.2.1	2.2.4	http://sensors-applet.sourceforge.net/
<i>gnome-bluetooth-libs-devel</i>	2.27.5	2.28.3	http://live.gnome.org/GnomeBluetooth
<i>gnome-chemistry-utils-mozplugin</i>	0.10.4	0.10.8	http://www.nongnu.org/gchemutils/
<i>gnome-desktop-devel</i>	2.26.1	2.28.1	http://www.gnome.org
<i>gnome-disk-utility-devel</i>	0.3	2.28.1	http://git.gnome.org/cgit/gnome-disk-utility

패키지	구 버전	신 버전	업스트림 URL
<i>gnome-disk-utility-libs</i>	0.3	2.28.1	http://git.gnome.org/cgit/gnome-disk-utility
<i>gnome-disk-utility-ui-devel</i>	0.3	2.28.1	http://git.gnome.org/cgit/gnome-disk-utility
<i>gnome-disk-utility-ui-libs</i>	0.3	2.28.1	http://git.gnome.org/cgit/gnome-disk-utility
<i>gnome-do-devel</i>	0.8.1.3	0.8.2	http://do.davebsd.com/
<i>gnome-keyring-devel</i>	2.26.1	2.28.1	http://www.gnome.org
<i>gnome-keyring-pam</i>	2.26.1	2.28.1	http://www.gnome.org
<i>gnome-mag-devel</i>	0.15.6	0.15.9	http://www.gnome.org/
<i>gnome-media-devel</i>	2.26.0	2.28.1	http://www.gnome.org
<i>gnome-media-libs</i>	2.26.0	2.28.1	http://www.gnome.org
<i>gnome-menus-devel</i>	2.26.1	2.28.0	http://www.gnome.org/
<i>gnome-mount-devel</i>	0.8	dropped	n/a
<i>gnome-panel-devel</i>	2.26.1	2.28.0	http://www.gnome.org
<i>gnome-panel-libs</i>	2.26.1	2.28.0	http://www.gnome.org
<i>gnome-settings-daemon-devel</i>	2.26.1	2.28.1	http://download.gnome.org/sources/gnome-settings-daemon

표 32. All Development-Libraries changes (cont'd)

패키지	구 버전	신 버전	업스트림 URL
<i>gnome-utils-devel</i>	2.26.0	2.28.1	http://www.gnome.org
<i>gnome-vfs2-devel</i>	2.24.1	2.24.2	http://www.gnome.org/
<i>gnome-vfsmm26-devel</i>	2.24.0	2.26.0	http://gtkmm.sourceforge.net/
<i>gnutls-devel</i>	2.6.6	2.8.5	http://www.gnutls.org/
<i>gnutls-guile</i>	2.6.6	2.8.5	http://www.gnutls.org/
<i>gobject-introspection</i>	0.6.1	0.6.5	http://live.gnome.org/GObjectIntrospection
<i>gobject-introspection-devel</i>	0.6.1	0.6.5	http://live.gnome.org/GObjectIntrospection
<i>gok-devel</i>	2.26.0	2.28.1	http://www.gok.ca/
<i>goocanvas-devel</i>	0.13	0.14	http://live.gnome.org/GooCanvas
<i>goocanvasmm-devel</i>	0.13.0	0.14.0	http://gtkmm.sourceforge.net/
<i>google-gadgets-devel</i>	0.10.5	0.11.1	http://code.google.com/p/google-gadgets-for-linux/

패키지	구 버전	신 버전	업스트림 URL
<i>google-perftools-devel</i>	0.99.1	1.4	http://code.google.com/p/google-perftools/
<i>gpgme-devel</i>	1.1.7	1.1.8	http://www.gnupg.org/related_software/gpgme/
<i>gpp4-devel</i>	1.0.4	1.2.0	http://dmz-212.daimi.au.dk/~mok/gpp4
<i>gpsim-devel</i>	0.23.0	0.24.0	http://gpsim.sourceforge.net/gpsim.html
<i>gridengine-devel</i>	6.2u2_1	6.2u3	http://gridengine.sunsource.net/
<i>gridengine-execd</i>	6.2u2_1	6.2u3	http://gridengine.sunsource.net/
<i>gridengine-qmaster</i>	6.2u2_1	6.2u3	http://gridengine.sunsource.net/
<i>gridengine-qmon</i>	6.2u2_1	6.2u3	http://gridengine.sunsource.net/
<i>gsl-devel</i>	1.12	1.13	http://www.gnu.org/software/gsl/
<i>gsl-static</i>	1.12	1.13	http://www.gnu.org/software/gsl/
<i>gsm-devel</i>	1.0.12	1.0.13	http://kbs.cs.tu-berlin.de/~jutta/toast.html
<i>gssdp-devel</i>	0.6.4	0.7.0	http://www.gupnp.org/
<i>gssdp-docs</i>	0.6.4	0.7.0	http://www.gupnp.org/
<i>gststreamer-devel</i>	0.10.22	0.10.25	http://gststreamer.freedesktop.org/
<i>gststreamer-plugins-base-devel</i>	0.10.22	0.10.25	http://gststreamer.freedesktop.org/
<i>gststreamer-plugins-good-devel</i>	0.10.14	0.10.16	http://gststreamer.freedesktop.org/
<i>gststreamer-python-devel</i>	0.10.14	0.10.16	http://gststreamer.freedesktop.org/
<i>gststreamer-rtsp-devel</i>	new	0.10.4	http://people.freedesktop.org/~wtay/
<i>gststreamermm-devel</i>	0.10.1	0.10.5	http://www.gtkmm.org/
<i>gtest-devel</i>	1.0.0	1.3.0	http://code.google.com/p/googletest/
<i>gtk-sharp2-devel</i>	2.12.7	2.12.9	http://gtk-sharp.sf.net

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<i>gtk-vnc</i>	0.3.8	0.3.10	http://live.gnome.org/gtk-vnc
<i>gtk-vnc-devel</i>	0.3.8	0.3.10	http://live.gnome.org/gtk-vnc
<i>gtk-vnc-python</i>	0.3.8	0.3.10	http://live.gnome.org/gtk-vnc
<i>gtk2-devel</i>	2.16.1	2.18.3	http://www.gtk.org
<i>gtk2-devel-docs</i>	2.16.1	2.18.3	http://www.gtk.org
<i>gtk2-engines-devel</i>	2.18.1	2.18.4	http://download.gnome.org/sources/gtk-engines
<i>gtkhtml3-devel</i>	3.26.1.1	3.28.0	http://projects.gnome.org/evolution/
<i>gtkmm-utils-devel</i>	new	0.4.1	http://code.google.com/p/gtkmm-utils/
<i>gtkmm24-devel</i>	2.16.0	2.18.1	http://gtkmm.sourceforge.net/
<i>gtksourcecompletion-devel</i>	0.5.2	0.7.0	http://gtksourcecomple.sourceforge.net/
<i>gtksourceview2-devel</i>	2.6.1	2.8.1	http://gtksourceview.sourceforge.net/
<i>gtranslator-devel</i>	new	1.9.6	http://gtranslator.sourceforge.net
<i>gucharmap-devel</i>	2.26.1	2.28.1	http://live.gnome.org/Gucharmap
<i>guile-devel</i>	1.8.6	1.8.7	http://www.gnu.org/software/guile/
<i>guiloader-c++-devel</i>	2.13.0	2.15.0	http://crow-designer.sourceforge.net/
<i>guiloader-devel</i>	2.13.0	2.15.0	http://crow-designer.sourceforge.net/
<i>gupnp-av-devel</i>	0.4	0.5.1	http://www.gupnp.org/
<i>gupnp-av-docs</i>	0.4	0.5.1	http://www.gupnp.org/
<i>gupnp-devel</i>	0.12.7	0.13.1	http://www.gupnp.org/
<i>gupnp-docs</i>	0.12.7	0.13.1	http://www.gupnp.org/
<i>gupnp-igd-devel</i>	0.1.1	0.1.3	http://www.gupnp.org/
<i>gupnp-ui-docs</i>	new	0.1.1	http://www.gupnp.org/
<i>gutenprint-devel</i>	5.2.3	5.2.4	http://gimp-print.sourceforge.net/
<i>gvfs-devel</i>	1.2.3	1.4.1	http://www.gtk.org

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<i>gypsy-devel</i>	0.6	0.7	http://gypsy.freedesktop.org/
<i>gypsy-docs</i>	0.6	0.7	http://gypsy.freedesktop.org/
<i>hal-devel</i>	0.5.12	0.5.13	http://www.freedesktop.org/Software/hal
<i>hal-docs</i>	0.5.12	0.5.13	http://www.freedesktop.org/Software/hal
<i>hal-libs</i>	0.5.12	0.5.13	http://www.freedesktop.org/Software/hal
<i>hamlib-c++</i>	1.2.8	1.2.9	http://hamlib.sourceforge.net
<i>hamlib-c++-devel</i>	1.2.8	1.2.9	http://hamlib.sourceforge.net
<i>hamlib-devel</i>	1.2.8	1.2.9	http://hamlib.sourceforge.net
<i>hamlib-perl</i>	1.2.8	1.2.9	http://hamlib.sourceforge.net
<i>hamlib-python</i>	1.2.8	1.2.9	http://hamlib.sourceforge.net
<i>hamlib-tcl</i>	1.2.8	1.2.9	http://hamlib.sourceforge.net
<i>hdf5-devel</i>	1.8.2	1.8.3	http://www.hdfgroup.org/HDF5/
<i>hdf5-static</i>	1.8.2	1.8.3	http://www.hdfgroup.org/HDF5/
<i>healpix</i>	2.11c	2.12a	http://healpix.jpl.nasa.gov/
<i>healpix-devel</i>	2.11c	2.12a	http://healpix.jpl.nasa.gov/
<i>httpd-devel</i>	2.2.11	2.2.13	http://httpd.apache.org/
<i>ibus-devel</i>	1.1.0.20090423	1.2.0.20091024	http://code.google.com/p/ibus/
<i>ibus-devel-docs</i>	new	1.2.0.20091024	http://code.google.com/p/ibus/
<i>ibus-qt-devel</i>	new	1.2.0.20091014	http://code.google.com/p/ibus/

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<i>icecream-devel</i>	0.9.3	0.9.4	http://en.opensuse.org/Icecream
<i>igraph-devel</i>	0.5.1	0.5.2	http://cneurocvvs.rmki.kfki.hu/igraph
<i>iksemel-devel</i>	1.3	1.4	http://code.google.com/p/iksemel/
<i>imsettings-devel</i>	0.106.2	0.107.4	http://code.google.com/p/imsettings/
<i>imsettings-libs</i>	0.106.2	0.107.4	http://code.google.com/p/imsettings/
<i>ini4j</i>	0.3.2	0.4.1	http://www.ini4j.org/
<i>iniparser-devel</i>	new	3.0	http://ndevilla.free.fr/iniparser/
<i>inn-devel</i>	2.4.6	2.5.0	https://www.isc.org/software/INN/
<i>ipod-sharp</i>	0.8.1	0.8.2	http://banshee-project.org/Subprojects/lpod-sharp
<i>ipod-sharp-devel</i>	0.8.1	0.8.2	http://banshee-project.org/Subprojects/lpod-sharp
<i>ipython</i>	0.9.1	0.10	http://ipython.scipy.org/
<i>irrlicht-devel</i>	1.5	1.5.1	http://irrlicht.sourceforge.net/
<i>irssi-devel</i>	0.8.12	0.8.14	http://irssi.org/
<i>iso-codes-devel</i>	3.7	3.11	http://alioth.debian.org/projects/pkg-isocodes/
<i>itext</i>	2.1.5	2.1.7	http://www.lowagie.com/iText/
<i>jack-audio-connection-kit-devel</i>	0.116.1	0.116.2	http://www.jackaudio.org
<i>jakarta-commons-compress</i>	0	1.0	http://commons.apache.org/compress/
<i>jakarta-commons-configuration</i>	new	1.4	http://commons.apache.org/configuration/
<i>jakarta-commons-jxpath</i>	new	1.2	http://jakarta.apache.org/commons/jxpath/

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<i>jana-devel</i>	new	0.4.5	http://git.gnome.org/cgi/jana/
<i>jargs</i>	new	1.0	http://jargs.sourceforge.net/
<i>java-augeas</i>	new	0.0.1	http://augeas.net/
<i>jasqlite</i>	20090409	20090430	http://www.ch-werner.de/jasqlite/
<i>jemmy</i>	new	2.3.0.0	https://jemmy.dev.java.net
<i>jide-oss</i>	new	2.7.1	https://jide-oss.dev.java.net/
<i>json</i>	new	3	http://www.json.org/java/index.html
<i>json-glib-devel</i>	0.6.2	0.8.0	http://live.gnome.org/JsonGlib
<i>kannel-devel</i>	1.4.1	1.4.3	http://www.kannel.org/
<i>kdebase-devel</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdebase-workspace-devel</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdebindings-devel</i>	4.2.2	4.3.2	http://developer.kde.org/language-bindings/
<i>kdeedu-devel</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdegames-devel</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdegraphics-devel</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdelibs-devel</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdelibs-experimental-devel</i>	new	4.3.2	http://www.kde.org/
<i>kdemultimedia-devel</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdenetwork-devel</i>	4.2.2	4.3.2	http://www.kde.org
<i>kdepim-devel</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdepim-runtime-devel</i>	new	4.3.2	http://www.kde.org/
<i>kdepimlibs-devel</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdesdk-devel</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdesvn-devel</i>	1.2.4	1.4.1	http://kdesvn.alwins-world.de/
<i>kmymoney2-devel</i>	0.9.3	1.0.1	http://kmymoney2.sourceforge.net/
<i>kobo</i>	new	0.1.2	https://fedorahosted.org/kobo/

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<i>kobo-client</i>	new	0.1.2	https:// fedorahosted.org/kobo/
<i>kobo-django</i>	new	0.1.2	https:// fedorahosted.org/kobo/
<i>kobo-hub</i>	new	0.1.2	https:// fedorahosted.org/kobo/
<i>kobo-worker</i>	new	0.1.2	https:// fedorahosted.org/kobo/
<i>krazy2</i>	2.8	2.9	http://techbase.kde.org/ Development/Tutorials/ Code_Checking
<i>krb5-devel</i>	1.6.3	1.7	http://web.mit.edu/ kerberos/www/
<i>ktorrent-devel</i>	3.2.1	3.2.5	http://ktorrent.org/
<i>kudzu-devel</i>	1.2.85	1.2.86	http://fedorahosted.org/ releases/k/u/kudzu/
<i>l2fprod-common</i>	new	7.3	http://www.l2fprod.com/ common/
<i>lapack</i>	3.1.1	3.2.1	http://www.netlib.org/ lapack/
<i>lapack-devel</i>	3.1.1	3.2.1	http://www.netlib.org/ lapack/
<i>ldb-tools</i>	0.9.3	0.9.6	http://www.samba.org/
<i>ldns-devel</i>	1.5.1	1.6.1	http://www.nlnetlabs.nl/ ldns/
<i>lensfun-devel</i>	0.2.3	0.2.4	http:// lensfun.berlios.de/
<i>lesstif-devel</i>	0.95.0	0.95.2	http://www.lesstif.org/
<i>libEMF-devel</i>	1.0.3	1.0.4	http:// libemf.sourceforge.net/
<i>libHX-devel</i>	2.5	3.1	http://sourceforge.net/ projects/libhx/
<i>libICE-devel</i>	1.0.4	1.0.6	http://www.x.org
<i>libRmath</i>	2.9.0	2.9.2	http://www.r-project.org
<i>libRmath-devel</i>	2.9.0	2.9.2	http://www.r-project.org
<i>libX11-devel</i>	1.2	1.3	http://www.x.org
<i>libXScrnSaver-devel</i>	1.1.3	1.2.0	http://www.x.org
<i>libXau-devel</i>	1.0.4	1.0.5	http://www.x.org
<i>libXaw-devel</i>	1.0.4	1.0.6	http://www.x.org
<i>libXcomposite-devel</i>	0.4.0	0.4.1	http://www.x.org
<i>libXcursor-devel</i>	1.1.9	1.1.10	http://www.x.org

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<i>libXdamage-devel</i>	1.1.1	1.1.2	http://www.x.org
<i>libXdmcp-devel</i>	1.0.2	1.0.3	http://www.x.org
<i>libXext-devel</i>	1.0.99.1	1.1	http://www.x.org
<i>libXfixes-devel</i>	4.0.3	4.0.4	http://www.x.org
<i>libXfont-devel</i>	1.4.0	1.4.1	http://www.x.org
<i>libXi-devel</i>	1.2.1	1.3	http://www.x.org
<i>libXinerama-devel</i>	1.0.3	1.1	http://www.x.org
<i>libXmu-devel</i>	1.0.4	1.0.5	http://www.x.org
<i>libXpm-devel</i>	3.5.7	3.5.8	http://www.x.org
<i>libXrandr-devel</i>	1.2.99.4	1.3.0	http://www.x.org
<i>libXrender-devel</i>	0.9.4	0.9.5	http://www.x.org
<i>libXres-devel</i>	1.0.3	1.0.4	http://www.x.org
<i>libXt-devel</i>	1.0.5	1.0.7	http://www.x.org
<i>libXtst-devel</i>	1.0.3	1.0.99.2	http://www.x.org
<i>libXv-devel</i>	1.0.4	1.0.5	http://www.x.org
<i>libXxf86dga-devel</i>	1.0.2	1.1.1	http://www.x.org
<i>libXxf86misc-devel</i>	1.0.1	1.0.2	http://www.x.org
<i>libXxf86vm-devel</i>	1.0.2	1.1.0	http://www.x.org
<i>libabiword-devel</i>	2.6.8	2.8.1	http://www.abisource.com/
<i>libarchive-devel</i>	2.6.2	2.7.1	http://code.google.com/p/libarchive/
<i>libass-devel</i>	0.9.6	0.9.7	http://code.google.com/p/libass/
<i>libassuan-devel</i>	1.0.4	1.0.5	http://www.gnupg.org/
<i>libasync</i>	0.16.1	0.17.0	http://svxlink.sourceforge.net
<i>libasync-devel</i>	0.16.1	0.17.0	http://svxlink.sourceforge.net
<i>libasyncns-devel</i>	0.7	0.8	http://0pointer.de/lennart/projects/libasyncns/
<i>libatasmart-devel</i>	0.12	0.17	http://git.0pointer.de/?p=libatasmart.git;a=summary
<i>libblkid</i>	new	2.16	ftp://ftp.kernel.org/pub/linux/utils/util-linux-ng
<i>libblkid-devel</i>	new	2.16	ftp://ftp.kernel.org/pub/linux/utils/util-linux-ng
<i>libbonobo-devel</i>	2.24.1	2.24.2	http://ftp.gnome.org
<i>libbonoboui-devel</i>	2.24.1	2.24.2	http://www.gnome.org

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<i>libbs2b-devel</i>	new	3.1.0	http://bs2b.sourceforge.net/
<i>libburn-devel</i>	0.6.0	0.7.0	http://libburnia-project.org/
<i>libcanberra-devel</i>	0.12	0.22	http://git.0pointer.de/?p=libcanberra.git;a=summary
<i>libcap-ng-devel</i>	new	0.6.2	http://people.redhat.com/sgrubb/libcap-ng
<i>libcap-ng-python</i>	new	0.6.2	http://people.redhat.com/sgrubb/libcap-ng
<i>libcap-ng-utils</i>	new	0.6.2	http://people.redhat.com/sgrubb/libcap-ng
<i>libccss-devel</i>	new	0.3.1	http://people.freedesktop.org/~robsta/libccss/
<i>libcgroup</i>	0.33	0.34	http://libcgroup.sourceforge.net/
<i>libcgroup-devel</i>	0.33	0.34	http://libcgroup.sourceforge.net/
<i>libchamplain-devel</i>	0.2.9	0.4.2	http://projects.gnome.org/libchamplain/
<i>libchamplain-gtk-devel</i>	new	0.4.2	http://projects.gnome.org/libchamplain/
<i>libcmptutil-devel</i>	0.4	0.5	http://libvirt.org/CIM/
<i>libcom_err</i>	new	1.41.9	http://e2fsprogs.sourceforge.net/
<i>libcom_err-devel</i>	new	1.41.9	http://e2fsprogs.sourceforge.net/
<i>libcompizconfig-devel</i>	0.7.8	0.8.2	http://www.opencompositing.org/
<i>libconfig-devel</i>	1.3.1	1.3.2	http://www.hyperrealm.com/libconfig/
<i>libcurl</i>	7.19.4	7.19.6	http://curl.haxx.se/
<i>libcurl-devel</i>	7.19.4	7.19.6	http://curl.haxx.se/
<i>libdaemon-devel</i>	0.13	0.14	http://0pointer.de/lennart/projects/libdaemon/

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<i>libdap</i>	3.8.2	3.9.3	http://www.opendap.org/
<i>libdap-devel</i>	3.8.2	3.9.3	http://www.opendap.org/
<i>libdc1394-devel</i>	2.1.0	2.1.2	http://sourceforge.net/projects/libdc1394/
<i>libdmapsharing</i>	1.9.0.4	1.9.0.10	http://sourceforge.net/projects/libdmapsharing/
<i>libdmapsharing-devel</i>	1.9.0.4	1.9.0.10	http://sourceforge.net/projects/libdmapsharing/
<i>libdmx-devel</i>	1.0.2	1.1.0	http://www.x.org
<i>libdrm-devel</i>	2.4.6	2.4.15	http://dri.sourceforge.net
<i>libdvnav-devel</i>	4.1.3	4.1.4	n/a
<i>libdvread-devel</i>	4.1.3	4.1.4	n/a

표 33. All Development-Libraries changes (cont'd)

패키지	구 버전	신 버전	업스트림 URL
<i>libepc-devel</i>	0.3.9	0.3.10	http://live.gnome.org/libepc/
<i>libepc-ui</i>	0.3.9	0.3.10	http://live.gnome.org/libepc/
<i>libetpan-devel</i>	0.57	0.58	http://www.etpan.org/
<i>libevent-devel</i>	1.4.5	1.4.12	http://monkey.org/~provos/libevent/
<i>libextractor-devel</i>	0.5.22	0.5.23	http://gnunet.org/libextractor/
<i>libfontenc-devel</i>	1.0.4	1.0.5	http://www.x.org
<i>libfpll-devel</i>	3.0.11	3.0.12	http://perso.ens-lyon.fr/damien.stehle/english.html#software
<i>libftdi-c++</i>	new	0.16	http://www.intra2net.com/de/produkte/opensource/ftdi/
<i>libftdi-c++-devel</i>	new	0.16	http://www.intra2net.com/de/produkte/opensource/ftdi/
<i>libftdi-devel</i>	0.15	0.16	http://www.intra2net.com/de/

패키지	구 버전	신 버전	업스트림 URL
			produkte/opensource/ftdi/
<i>libftdi-python</i>	new	0.16	http://www.intra2net.com/de/produkte/opensource/ftdi/
<i>libfwbuilder-devel</i>	3.0.3	3.0.5	http://www.fwbuilder.org/
<i>libgadu-devel</i>	1.8.2	1.9.0	http://toxygen.net/libgadu/
<i>libgarmin-devel</i>	new	0	http://libgarmin.sourceforge.net/
<i>libgda-devel</i>	4.0.0	4.0.4	http://www.gnome-db.org/
<i>libgda-mdb-devel</i>	4.0.0	4.0.4	http://www.gnome-db.org/
<i>libgda-mysql-devel</i>	4.0.0	4.0.4	http://www.gnome-db.org/
<i>libgda-postgres-devel</i>	4.0.0	4.0.4	http://www.gnome-db.org/
<i>libgda-sqlite-devel</i>	4.0.0	4.0.4	http://www.gnome-db.org/
<i>libgdamm-devel</i>	3.99.14	3.99.17.1	http://www.gtkmm.org/
<i>libgdata-devel</i>	0.1.1	0.5.0	http://live.gnome.org/libgdata
<i>libgdiplus-devel</i>	2.4	2.4.2	http://mono-project.com/Libgdiplus
<i>libgdl</i>	2.26.0	2.28.1	http://www.gnome.org/
<i>libgdl-devel</i>	2.26.0	2.28.1	http://www.gnome.org/
<i>libgearman</i>	new	0.9	http://www.gearman.org
<i>libgearman-devel</i>	new	0.9	http://www.gearman.org
<i>libgee-devel</i>	0.1.5	0.3.0	http://live.gnome.org/Libgee
<i>libglpng-devel</i>	new	1.45	https://admin.fedoraproject.org/pkgdb/packages/name/libglpng
<i>libgnome-devel</i>	2.26.0	2.28.0	http://www.gnome.org
<i>libgnomedb-devel</i>	3.99.7	dropped	http://www.gnome-db.org/

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<i>libgnomekbd-devel</i>	2.26.0	2.28.0	http://gswitchit.sourceforge.net
<i>libgnomemm26-devel</i>	2.26.0	2.28.0	http://gtkmm.sourceforge.net/
<i>libgnomeuimm26-devel</i>	2.26.0	2.28.0	http://gtkmm.sourceforge.net/
<i>libgphoto2</i>	2.4.5	2.4.7	http://www.gphoto.org/
<i>libgphoto2-devel</i>	2.4.5	2.4.7	http://www.gphoto.org/
<i>libgpod-devel</i>	0.7.0	0.7.2	http://www.gtkpod.org/libgpod.html
<i>libgsf-devel</i>	1.14.11	1.14.15	http://www.gnome.org/projects/libgsf/
<i>libgsf-gnome-devel</i>	1.14.11	1.14.15	http://www.gnome.org/projects/libgsf/
<i>libgsf-python</i>	1.14.11	1.14.15	http://www.gnome.org/projects/libgsf/
<i>libgtop2-devel</i>	2.26.1	2.28.0	http://download.gnome.org/sources/libgtop/2.28
<i>libgudev1</i>	new	145	http://www.kernel.org/pub/linux/utils/kernel/hotplug/udev.html
<i>libgudev1-devel</i>	new	145	http://www.kernel.org/pub/linux/utils/kernel/hotplug/udev.html
<i>libguestfs</i>	new	1.0.75	http://libguestfs.org/
<i>libguestfs-devel</i>	new	1.0.75	http://libguestfs.org/
<i>libguestfs-java</i>	new	1.0.75	http://libguestfs.org/
<i>libguestfs-java-devel</i>	new	1.0.75	http://libguestfs.org/
<i>libguestfs-javadoc</i>	new	1.0.75	http://libguestfs.org/
<i>libgweather-devel</i>	2.26.1	2.28.0	http://www.gnome.org
<i>libhangul-devel</i>	0.0.8	0.0.9	http://kldp.net/projects/hangul/
<i>libhugetlbfs-devel</i>	2.2	2.6	http://libhugetlbfs.sourceforge.net/
<i>libicns-devel</i>	0.6.2	0.7.0	http://icns.sourceforge.net/
<i>libicu-devel</i>	4.0.1	4.2.1	http://www.icu-project.org/
<i>libinfinity-devel</i>	new	0.3.0	http://gobby.0x539.de/trac/wiki/Infinote/Libinfinity

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<i>libinfinity-gtk-devel</i>	new	0.3.0	http://gobby.0x539.de/trac/wiki/Infinote/Libinfinity
<i>libint-devel</i>	new	1.1.4	http://www.files.chem.vt.edu/chem-dept/valeev/software/libint/libint.html
<i>libiodbc-devel</i>	new	3.52.7	http://www.iodbc.org/
<i>libiphone-devel</i>	0.1.0	0.9.3	http://matt.colyer.name/projects/iphone-linux/
<i>libiphone-python</i>	new	0.9.3	http://matt.colyer.name/projects/iphone-linux/
<i>libiptcdata</i>	1.0.3	1.0.4	http://libiptcdata.sourceforge.net/
<i>libiptcdata-devel</i>	1.0.3	1.0.4	http://libiptcdata.sourceforge.net/
<i>libiptcdata-python</i>	1.0.3	1.0.4	http://libiptcdata.sourceforge.net/
<i>libirman-devel</i>	new	0.4.5	http://lirc.sourceforge.net/software/snapshots/
<i>libisofs-devel</i>	0.6.16	0.6.20	http://libburnia-project.org/
<i>libitl-devel</i>	0.6.4	0.7.0	http://www.arabeyes.org/project.php?proj=ITL
<i>libkate-devel</i>	0.3.1	0.3.6	http://code.google.com/p/libkate/
<i>libklfbackend-devel</i>	new	3.0.1	http://klatexformula.sourceforge.net/
<i>libksba-devel</i>	1.0.5	1.0.6	http://www.gnupg.org/
<i>liblastfm-devel</i>	new	0.3.0	http://github.com/mxcl/liblastfm/tree/master
<i>libldb</i>	0.9.3	0.9.6	http://www.samba.org/
<i>libldb-devel</i>	0.9.3	0.9.6	http://www.samba.org/
<i>liblinebreak</i>	0.9.6	1.2	http://vimgadgets.cvs.sourceforge.net/vimgadgets/common/tools/linebreak
<i>liblinebreak-devel</i>	new	1.2	http://vimgadgets.cvs.sourceforge.net/vimgadgets/common/tools/linebreak

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<i>liblqr-1-devel</i>	0.1.0	0.4.1	http://liquidrescale.wikidot.com/
<i>libmemcached-devel</i>	new	0.31	http://tangent.org/552/libmemcached.html
<i>libmetalink-devel</i>	new	0.0.3	https://launchpad.net/libmetalink
<i>libmicrohttpd</i>	0.4.0a	0.4.2	http://www.gnu.org/software/libmicrohttpd/
<i>libmicrohttpd-devel</i>	0.4.0a	0.4.2	http://www.gnu.org/software/libmicrohttpd/
<i>libmkv-devel</i>	0.6.3.1	0.6.4	http://repo.or.cz/w/libmkv.git
<i>libmowgli-devel</i>	0.5.0	0.7.0	http://atheme.org
<i>libmpd-devel</i>	0.16.1	0.18.0	http://gmpc.wikia.com/wiki/Gnome_Music_Player_Client
<i>libmudflap-devel</i>	4.4.0	4.4.2	http://gcc.gnu.org
<i>libnc-dap</i>	3.7.3	3.7.4	http://www.opendap.org/
<i>libnc-dap-devel</i>	3.7.3	3.7.4	http://www.opendap.org/
<i>libnemesi</i>	0.6.4	0.6.9	http://www.lscube.org/projects/libnemesi
<i>libnemesi-devel</i>	0.6.4	0.6.9	http://www.lscube.org/projects/libnemesi
<i>libnet-devel</i>	1.1.3	1.1.4	http://www.sourceforge.net/projects/libnet-dev/
<i>libnice-devel</i>	0.0.6	0.0.9	http://nice.freedesktop.org/wiki/
<i>libogg-devel</i>	1.1.3	1.1.4	http://www.xiph.org/
<i>libogg-devel-docs</i>	new	1.1.4	http://www.xiph.org/
<i>libotf-devel</i>	0.9.8	0.9.9	http://www.m17n.org/libotf/
<i>libp11</i>	0.2.3	0.2.6	http://www.opensc-project.org/libp11
<i>libp11-devel</i>	0.2.3	0.2.6	http://www.opensc-project.org/libp11
<i>libpanelappletmm-devel</i>	2.22.0	2.26.0	http://gtkmm.sourceforge.net/
<i>libpano13</i>	2.9.12	2.9.14	http://panotools.sourceforge.net/

패키지	구 버전	신 버전	업스트림 URL
<i>libpano13-devel</i>	2.9.12	2.9.14	http://panotools.sourceforge.net/
<i>libpathfinder-nss-devel</i>	new	1.1.0	http://code.google.com/p/pathfinder-pki/
<i>libpathfinder-openssl-devel</i>	new	1.1.0	http://code.google.com/p/pathfinder-pki/
<i>libpcap</i>	0.9.8	1.0.0	http://www.tcpdump.org
<i>libpcap-devel</i>	0.9.8	1.0.0	http://www.tcpdump.org
<i>libpciaccess-devel</i>	0.10.5	0.10.9	http://gitweb.freedesktop.org/?p=xorg/lib/libpciaccess.git
<i>libplist-devel</i>	new	0.13	http://matt.colyer.name/projects/iphone-linux/
<i>libplist-python</i>	new	0.13	http://matt.colyer.name/projects/iphone-linux/
<i>libpng-devel</i>	1.2.35	1.2.39	http://www.libpng.org/pub/png/
<i>libpng-static</i>	1.2.35	1.2.39	http://www.libpng.org/pub/png/
<i>libpng10-devel</i>	1.0.43	1.0.50	http://www.libpng.org/pub/png/libpng.html
<i>libpri-devel</i>	1.4.7	1.4.10	http://www.asterisk.org/
<i>libpst-devel</i>	0.6.36	0.6.44	http://www.five-ten-sg.com/libpst/
<i>libpst-libs</i>	0.6.36	0.6.44	http://www.five-ten-sg.com/libpst/
<i>libpst-python</i>	new	0.6.44	http://www.five-ten-sg.com/libpst/
<i>libpuzzle-devel</i>	new	0.11	http://libpuzzle.pureftpd.org/project/libpuzzle
<i>libqinfinity-devel</i>	new	1.0	http://gregghaynes.github.com/libqinfinity/
<i>librapi-devel</i>	0.13.1	0.14	http://www.synce.org
<i>libraw1394-devel</i>	2.0.1	2.0.4	http://www.dennedy.org/libraw1394/
<i>librra-devel</i>	0.13	0.14	http://www.synce.org
<i>libsamplerate-devel</i>	0.1.6	0.1.7	http://www.mega-nerd.com/SRC/

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<i>libselinux-devel</i>	2.0.80	2.0.87	http://www.selinuxproject.org
<i>libselinux-python</i>	2.0.80	2.0.87	http://www.selinuxproject.org
<i>libselinux-ruby</i>	2.0.80	2.0.87	http://www.selinuxproject.org
<i>libselinux-static</i>	2.0.80	2.0.87	http://www.selinuxproject.org
<i>libselinux-utils</i>	2.0.80	2.0.87	http://www.selinuxproject.org
<i>libsemanage-devel</i>	2.0.31	2.0.39	http://www.selinuxproject.org
<i>libsemanage-python</i>	2.0.31	2.0.39	http://www.selinuxproject.org
<i>libsepol-devel</i>	2.0.36	2.0.38	http://www.selinuxproject.org
<i>libsepol-static</i>	2.0.36	2.0.38	http://www.selinuxproject.org
<i>libsigc++20-devel</i>	2.2.2	2.2.4.2	http://libsigc.sourceforge.net/
<i>libsilc-devel</i>	1.1.8	1.1.10	http://www.silcnet.org/
<i>libsndfile-devel</i>	1.0.17	1.0.20	http://www.mega-nerd.com/libsndfile/
<i>libsoup</i>	2.26.1	2.28.1	http://live.gnome.org/LibSoup
<i>libsoup-devel</i>	2.26.1	2.28.1	http://live.gnome.org/LibSoup
<i>libsphinxclient</i>	new	0.9.8.1	http://sphinxsearch.com
<i>libsphinxclient-devel</i>	new	0.9.8.1	http://sphinxsearch.com
<i>libss</i>	new	1.41.9	http://e2fsprogs.sourceforge.net/
<i>libss-devel</i>	new	1.41.9	http://e2fsprogs.sourceforge.net/
<i>libss7-devel</i>	1.0.1	1.0.2	http://www.asterisk.org/
<i>libssh-devel</i>	new	0.2	http://0xbadc0de.be/?part=libssh
<i>libssh2-devel</i>	1.0	1.2	http://www.libssh2.org/
<i>libssh2-docs</i>	1.0	1.2	http://www.libssh2.org/
<i>libstdc++-devel</i>	4.4.0	4.4.2	http://gcc.gnu.org
<i>libstdc++-docs</i>	4.4.0	4.4.2	http://gcc.gnu.org

패키지	구 버전	신 버전	업스트림 URL
<i>libsynce-devel</i>	0.13	0.14	http://www.synce.org
<i>libtalloc-devel</i>	1.2.0	2.0.0	http://talloc.samba.org/
<i>libtasn1-devel</i>	1.8	2.3	http://www.gnu.org/software/libtasn1/
<i>libtdb-devel</i>	1.1.3	1.1.5	http://tdb.samba.org/
<i>libtevent</i>	0.9.3	0.9.8	http://tevent.samba.org/
<i>libtevent-devel</i>	0.9.3	0.9.8	http://tevent.samba.org/
<i>libthai-devel</i>	0.1.9	0.1.12	http://linux.thai.net
<i>libtheora-devel</i>	1.0	1.1.0	http://www.theora.org
<i>libtheora-devel-docs</i>	1.0	1.1.0	http://www.theora.org
<i>libtirpc-devel</i>	0.1.10	0.2.0	http://nfsv4.bullopensource.org/
<i>libtnc-devel</i>	new	1.22	http://libtnc.sourceforge.net/
<i>libtopology-doc</i>	new	0.3	http://libtopology.ozlabs.org/
<i>libtorrent-devel</i>	0.12.4	0.12.5	http://libtorrent.rakshasa.no/
<i>libudev-devel</i>	141	145	http://www.kernel.org/pub/linux/utils/kernel/hotplug/udev.html
<i>libusb1-devel</i>	1.0.0	1.0.3	http://libusb.wiki.sourceforge.net/Libusb1.0
<i>libusb1-static</i>	1.0.0	1.0.3	http://libusb.wiki.sourceforge.net/Libusb1.0
<i>libuser-devel</i>	0.56.9	0.56.12	https://fedorahosted.org/libuser/
<i>libuser-python</i>	0.56.9	0.56.12	https://fedorahosted.org/libuser/
<i>libuuid</i>	new	2.16	ftp://ftp.kernel.org/pub/linux/utils/util-linux-ng
<i>libuuid-devel</i>	new	2.16	ftp://ftp.kernel.org/pub/linux/utils/util-linux-ng
<i>libv4l-devel</i>	0.5.9	0.6.3	http://hansdegoede.livejournal.com/3636.h
<i>libvirt</i>	0.6.2	0.7.1	http://libvirt.org/
<i>libvirt-cim</i>	0.5.4	0.5.7	http://libvirt.org/CIM/
<i>libvirt-client</i>	new	0.7.1	http://libvirt.org/

패키지	구 버전	신 버전	업스트림 URL
<i>libvirt-devel</i>	0.6.2	0.7.1	http://libvirt.org/
<i>libvirt-java</i>	0.2.1	0.3.0	http://libvirt.org/
<i>libvirt-java-devel</i>	0.2.1	0.3.0	http://libvirt.org/
<i>libvirt-python</i>	0.6.2	0.7.1	http://libvirt.org/
<i>libvmime-devel</i>	new	0.9.0	http://www.vmime.org/
<i>libvmime-static</i>	new	0.9.0	http://www.vmime.org/
<i>libvncserver-devel</i>	0.9.1	0.9.7	http://libvncserver.sourceforge.net/
<i>libvoikko-devel</i>	2.1	2.2.1	http://voikko.sourceforge.net/
<i>libvorbis-devel</i>	1.2.0	1.2.3	http://www.xiph.org/
<i>libvorbis-devel-docs</i>	new	1.2.3	http://www.xiph.org/
<i>libwnck-devel</i>	2.26.1	2.28.0	http://download.gnome.org/sources/libwnck/

표 34. All Development-Libraries changes (cont'd)

패키지	구 버전	신 버전	업스트림 URL
<i>libwvstreams-devel</i>	4.5.1	4.6	http://alumnit.ca/wiki/index.php?page=WvStreams
<i>libxcb-devel</i>	1.2	1.4	http://xcb.freedesktop.org/
<i>libxcb-python</i>	new	1.4	http://xcb.freedesktop.org/
<i>libxdg-basedir-devel</i>	new	1.0.2	http://n.ethz.ch/student/nevillm/download/libxdg-basedir
<i>libxkbfile-devel</i>	1.0.4	1.0.6	http://www.x.org
<i>libxklavier</i>	3.9	4.0	http://gswitchit.sourceforge.net/
<i>libxklavier-devel</i>	3.9	4.0	http://gswitchit.sourceforge.net/
<i>libxml2</i>	2.7.3	2.7.6	http://xmlsoft.org/
<i>libxml2-devel</i>	2.7.3	2.7.6	http://xmlsoft.org/
<i>libxml2-python</i>	2.7.3	2.7.6	http://xmlsoft.org/
<i>libxml2-static</i>	2.7.3	2.7.6	http://xmlsoft.org/
<i>libxslt</i>	1.1.24	1.1.26	http://xmlsoft.org/XSLT/
<i>libxslt-devel</i>	1.1.24	1.1.26	http://xmlsoft.org/XSLT/
<i>libxslt-python</i>	1.1.24	1.1.26	http://xmlsoft.org/XSLT/

패키지	구 버전	신 버전	업스트림 URL
<i>libyaz-devel</i>	3.0.41	3.0.49	http://www.indexdata.dk/yaz/
<i>libzdb-devel</i>	2.4	2.6	http://www.tildeslash.com/libzdb/
<i>lirc-devel</i>	0.8.5	0.8.6	http://www.lirc.org/
<i>llvm-ocaml</i>	2.5	2.6	http://llvm.org/
<i>llvm-ocaml-devel</i>	2.5	2.6	http://llvm.org/
<i>lmms-devel</i>	0.4.3	0.4.5	http://lmms.sourceforge.net/
<i>loki-lib</i>	0.1.6	0.1.7	http://sourceforge.net/projects/loki-lib
<i>loki-lib-devel</i>	0.1.6	0.1.7	http://sourceforge.net/projects/loki-lib
<i>lpg</i>	new	2.0.17	http://lpg.sourceforge.net/
<i>lpg-java</i>	new	2.0.17	http://lpg.sourceforge.net/
<i>lpg-java-compat</i>	new	1.1.0	http://lpg.sourceforge.net/
<i>lpsolve-devel</i>	5.5.0.14	5.5.0.15	http://sourceforge.net/projects/lpsolve
<i>lua-filesystem</i>	1.4.1	1.4.2	http://www.keplerproject.org/luafs/
<i>lvm2-devel</i>	new	2.02.53	http://sources.redhat.com/lvm2
<i>lxc-devel</i>	new	0.6.3	http://lxc.sourceforge.net
<i>lxpanel-devel</i>	0.4.0	0.5.3	http://lxde.sourceforge.net/
<i>m17n-db-devel</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-lib-devel</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>maloc-devel</i>	new	0.2	http://www.fetk.org
<i>mapnik-demo</i>	0.5.2	0.6.1	http://mapnik.org/
<i>mapnik-python</i>	0.5.2	0.6.1	http://mapnik.org/
<i>mapnik-utils</i>	0.5.2	0.6.1	http://mapnik.org/
<i>matio-devel</i>	new	1.3.3	http://sourceforge.net/projects/matio

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<i>maven-archiver</i>	new	2.2	http://maven.apache.org/
<i>maven-embedder</i>	new	2.0.4	http://maven.apache.org/
<i>maven-enforcer-rule-api</i>	new	1.0	http://svn.apache.org/repos/asf/maven/shared/tags/maven-enforcer-rule-api-1.0-alpha-2
<i>maven-plugin-tools</i>	new	2.1	http://maven.apache.org/plugin-tools/
<i>maven-scm</i>	1.0	1.2	http://maven.apache.org/scm
<i>maven-shared</i>	1.0	8	http://maven.apache.org/shared/
<i>maven-shared-file-management</i>	1.0	1.2	http://maven.apache.org/shared/
<i>memcached-devel</i>	new	1.4.1	http://www.danga.com/memcached/
<i>menu-cache-devel</i>	0.2.3	0.2.5	http://lxde.org
<i>mesa-demos</i>	7.5	7.6	http://www.mesa3d.org
<i>mesa-libGL-devel</i>	7.5	7.6	http://www.mesa3d.org
<i>mesa-libGLU-devel</i>	7.5	7.6	http://www.mesa3d.org
<i>mesa-libOSMesa-devel</i>	7.5	7.6	http://www.mesa3d.org
<i>meshmagick-devel</i>	0.5.2	0.6.0	http://www.ogre3d.org/wiki/index.php/MeshMagick
<i>metacity-devel</i>	2.26.0	2.28.0	http://download.gnome.org/sources/metacity/
<i>mhash-devel</i>	0.9.9	0.9.9.9	http://mhash.sourceforge.net/
<i>mimetic-devel</i>	0.9.5	0.9.6	http://codesink.org/mimetic_mime_library.html
<i>mingw32-atk</i>	1.25.2	1.27.90	http://projects.gnome.org/accessibility/
<i>mingw32-atk-static</i>	1.25.2	1.27.90	http://projects.gnome.org/accessibility/

패키지	구 버전	신 버전	업스트림 URL
<i>mingw32-binutils</i>	2.19.1	2.19.51.0.14	http://sources.redhat.com/binutils
<i>mingw32-boost</i>	new	1.39.0	http://www.boost.org/
<i>mingw32-boost-static</i>	new	1.39.0	http://www.boost.org/
<i>mingw32-cairo</i>	1.8.6	1.8.8	http://cairographics.org
<i>mingw32-cairo-static</i>	new	1.8.8	http://cairographics.org
<i>mingw32-cppunit</i>	new	1.12.1	http://cppunit.sourceforge.net/
<i>mingw32-enchant-static</i>	new	1.5.0	http://www.abisource.com/
<i>mingw32-filesystem</i>	50	56	http://hg.et.redhat.com/misc/fedora-mingw--devel/
<i>mingw32-gettext-static</i>	new	0.17	http://www.gnu.org/software/gettext/
<i>mingw32-glib2</i>	2.19.10	2.22.0	http://www.gtk.org
<i>mingw32-glib2-static</i>	2.19.10	2.22.0	http://www.gtk.org
<i>mingw32-glibmm24</i>	2.19.2	2.22.1	http://gtkmm.sourceforge.net/
<i>mingw32-gtk2</i>	2.15.5	2.18.3	http://www.gtk.org
<i>mingw32-gtk2-static</i>	2.15.5	2.18.3	http://www.gtk.org
<i>mingw32-gtkmm24</i>	new	2.18.1	http://gtkmm.sourceforge.net/
<i>mingw32-hunspell-static</i>	new	1.2.8	http://hunspell.sourceforge.net/
<i>mingw32-jasper-static</i>	new	1.900.1	http://www.ece.uvic.ca/~mdadams/jasper/
<i>mingw32-libglade2</i>	new	2.6.4	http://www.gnome.org
<i>mingw32-libglade2-static</i>	new	2.6.4	http://www.gnome.org
<i>mingw32-libgnurx</i>	new	2.5.1	http://mingw.sourceforge.net/
<i>mingw32-libgnurx-static</i>	new	2.5.1	http://mingw.sourceforge.net/
<i>mingw32-libidn</i>	new	1.14	http://www.gnu.org/software/libidn/
<i>mingw32-libidn-static</i>	new	1.14	http://www.gnu.org/software/libidn/
<i>mingw32-libjpeg</i>	6b	7	http://www.iijg.org/
<i>mingw32-libjpeg-static</i>	new	7	http://www.iijg.org/

패키지	구 버전	신 버전	업스트림 URL
<i>mingw32-libp11</i>	new	0.2.6	http://www.opensc-project.org/libp11
<i>mingw32-libpng</i>	1.2.35	1.2.37	http://www.libpng.org/pub/png/
<i>mingw32-libsigc++20</i>	2.2.2	2.2.4.2	http://libsigc.sourceforge.net/
<i>mingw32-libsoup</i>	new	2.27.92	http://live.gnome.org/LibSoup
<i>mingw32-libsoup-static</i>	new	2.27.92	http://live.gnome.org/LibSoup
<i>mingw32-libsq3</i>	new	20071018	http://www.wanderinghorse.net/computing/sqlite/
<i>mingw32-libssh2</i>	new	1.1	http://www.libssh2.org/
<i>mingw32-libssh2-static</i>	new	1.1	http://www.libssh2.org/
<i>mingw32-libtiff-static</i>	new	3.8.2	http://www.remotesensing.org/libtiff/
<i>mingw32-libxml2</i>	2.7.2	2.7.5	http://xmlsoft.org/
<i>mingw32-libxml2-static</i>	new	2.7.5	http://xmlsoft.org/
<i>mingw32-libxslt</i>	new	1.1.26	http://xmlsoft.org/XSLT/
<i>mingw32-libxslt-static</i>	new	1.1.26	http://xmlsoft.org/XSLT/
<i>mingw32-minizip</i>	new	1.2.3	http://www.zlib.net/
<i>mingw32-nsis</i>	2.44	2.45	http://nsis.sourceforge.net/
<i>mingw32-nsiswrapper</i>	3	4	http://fedoraproject.org/wiki/MinGW
<i>mingw32-opensc</i>	new	0.11.9	http://www.opensc-project.org/opensc/
<i>mingw32-openssl</i>	0.9.8j	1.0.0	http://www.openssl.org/
<i>mingw32-openssl-static</i>	new	1.0.0	http://www.openssl.org/
<i>mingw32-pango</i>	1.23.0	1.26.0	http://www.pango.org
<i>mingw32-pango-static</i>	1.23.0	1.26.0	http://www.pango.org
<i>mingw32-pangomm</i>	2.24.0	2.26.0	http://gtkmm.sourceforge.net/
<i>mingw32-pixman</i>	0.13.2	0.16.2	http://cgit.freedesktop.org/pixman/
<i>mingw32-pixman-static</i>	new	0.16.2	http://cgit.freedesktop.org/pixman/

패키지	구 버전	신 버전	업스트림 URL
<i>mingw32-plotmm</i>	new	0.1.2	http:// plotmm.sourceforge.net/
<i>mingw32-qt</i>	4.5.0	4.5.2	http:// www.qtsoftware.com/
<i>mingw32-qt-qmake</i>	4.5.0	4.5.2	http:// www.qtsoftware.com/
<i>miredo-devel</i>	new	1.1.7	http:// www.simpnalempin.com/ dev/miredo/
<i>mkinitrd-devel</i>	6.0.86	6.0.93	git:// git.fedoraproject.org/git/ hosted/mkinitrd
<i>mmdb-devel</i>	1.19	1.21	http://www.ebi.ac.uk/ ~keb/cldoc/
<i>mobile-broadband-provider-info-devel</i>	new	1.20090918	http://live.gnome.org/ NetworkManager/ MobileBroadband/ ServiceProviders
<i>moblin-panel-myzone-devel</i>	new	0.0.8	http://www.moblin.org
<i>mojito-devel</i>	new	0.21.5	http://moblin.org/ projects/mojito
<i>mono-basic-devel</i>	2.4	2.4.2	http:// mono.ximian.com/ monobuild/preview/ sources-preview/
<i>mono-debugger-devel</i>	2.4	2.4.2.1	http://www.go- mono.com/sources- stable/
<i>mono-moonlight</i>	2.4	2.4.2.3	http://www.mono- project.com/Main_Page
<i>mono-nat</i>	1.0	1.0.2	http://anonsvn.mono- project.com/viewcvs/ trunk/Mono.Nat/
<i>mono-nat-devel</i>	1.0	1.0.2	http://anonsvn.mono- project.com/viewcvs/ trunk/Mono.Nat/
<i>mono-nunit-devel</i>	2.4	2.4.2.3	http://www.mono- project.com/Main_Page
<i>monodevelop-debugger-mdb-devel</i>	new	2.1.0	http:// www.monodevelop.com
<i>monodevelop-devel</i>	2.0	2.1.0	http:// monodevelop.com/

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<i>mpich2</i>	1.1	1.1.1p1	http://www.mcs.anl.gov/research/projects/mpich2
<i>mpich2-devel</i>	1.1	1.1.1p1	http://www.mcs.anl.gov/research/projects/mpich2
<i>mrpt-aria</i>	0.6.5	0.7.1	http://babel.isa.uma.es/mrpt/
<i>mrpt-core</i>	0.6.5	0.7.1	http://babel.isa.uma.es/mrpt/
<i>mrpt-devel</i>	0.6.5	0.7.1	http://babel.isa.uma.es/mrpt/
<i>mrpt-hwdrivers</i>	0.6.5	0.7.1	http://babel.isa.uma.es/mrpt/
<i>mrpt-libs</i>	0.6.5	0.7.1	http://babel.isa.uma.es/mrpt/
<i>mrpt-monoslam</i>	new	0.7.1	http://babel.isa.uma.es/mrpt/
<i>mrpt-reactivenav</i>	0.6.5	0.7.1	http://babel.isa.uma.es/mrpt/
<i>mrpt-stereoslam</i>	new	0.7.1	http://babel.isa.uma.es/mrpt/
<i>muine-devel</i>	0.8.10	0.8.11	http://www.muine-player.org/
<i>mumble-plugins</i>	new	1.1.8	http://mumble.sourceforge.net/
<i>mutter-devel</i>	new	2.28.0	http://git.gnome.org/cgi/mutter
<i>mutter-moblin-devel</i>	new	0.39.3	http://www.moblin.org/
<i>nautilus-devel</i>	2.26.3	2.28.1	http://projects.gnome.org/nautilus/
<i>nautilus-extensions</i>	2.26.3	2.28.1	http://projects.gnome.org/nautilus/
<i>nbtck-devel</i>	new	1.2.0	http://moblin.org/projects/netbook-toolkit-nbtck
<i>ncl-devel</i>	5.1.0	5.1.1	http://www.ncl.ucar.edu
<i>ncl-examples</i>	5.1.0	5.1.1	http://www.ncl.ucar.edu
<i>nco-devel</i>	3.9.7	3.9.8	http://nco.sourceforge.net/

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<i>nco-static</i>	3.9.7	3.9.8	http://nco.sourceforge.net/
<i>neon-devel</i>	0.28.4	0.29.0	http://www.webdav.org/neon/
<i>netatalk-devel</i>	2.0.3	2.0.4	http://netatalk.sourceforge.net/
<i>netbeans-javaparser</i>	6.5	6.7.1	http://java.netbeans.org/javaparser/
<i>netbeans-platform</i>	6.5	6.7.1	http://platform.netbeans.org
<i>netbeans-platform-harness</i>	6.5	6.7.1	http://platform.netbeans.org
<i>netbeans-resolver</i>	6.1	6.7.1	http://xml.apache.org/commons/
<i>netbeans-svnclientadapter</i>	6.5	6.7.1	http://subclipse.tigris.org/svnClientAdapter.html
<i>netcdf-devel</i>	4.0.0	4.0.1	http://my.unidata.ucar.edu/content/software/netcdf/index.html
<i>netcdf-perl</i>	1.2.3	1.2.4	http://www.unidata.ucar.edu/software/netcdf-perl/
<i>netcdf-static</i>	4.0.0	4.0.1	http://my.unidata.ucar.edu/content/software/netcdf/index.html
<i>netcf-devel</i>	new	0.1.2	https://fedorahosted.org/netcf/
<i>netembryo</i>	0.0.5	0.0.9	http://www.lscube.org/projects/netembryo
<i>netembryo-devel</i>	0.0.5	0.0.9	http://www.lscube.org/projects/netembryo
<i>netpbm-devel</i>	10.35.62	10.47.04	http://netpbm.sourceforge.net/
<i>newt-devel</i>	0.52.10	0.52.11	https://fedorahosted.org/newt/
<i>newt-python</i>	0.52.10	0.52.11	https://fedorahosted.org/newt/
<i>newt-static</i>	0.52.10	0.52.11	https://fedorahosted.org/newt/
<i>nilfs-utils-devel</i>	new	2.0.14	http://www.nilfs.org

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<i>nopaste</i>	2835	0.15	http://search.cpan.org/dist/App-Nopaste/
<i>nspr-devel</i>	4.7.3	4.8.2	http://www.mozilla.org/projects/nspr/
<i>nss-devel</i>	3.12.3	3.12.4	http://www.mozilla.org/projects/security/pki/nss/
<i>nss-pkcs11-devel</i>	3.12.3	3.12.4	http://www.mozilla.org/projects/security/pki/nss/
<i>nss-softokn-devel</i>	new	3.12.4	http://www.mozilla.org/projects/security/pki/nss/
<i>nss-util-devel</i>	new	3.12.4	http://www.mozilla.org/projects/security/pki/nss/
<i>ntl-devel</i>	5.4.2	5.5.2	http://shoup.net/ntl/
<i>nurbs++</i>	new	3.0.11	http://sourceforge.net/projects/libnurbs/
<i>nurbs++-devel</i>	new	3.0.11	http://sourceforge.net/projects/libnurbs/
<i>nxcl-devel</i>	new	0.9	http://freenx.berlios.de/
<i>ocaml-ancient</i>	new	0.9.0	http://merjjs.com/developers/ancient
<i>ocaml-ancient-devel</i>	new	0.9.0	http://merjjs.com/developers/ancient
<i>ocaml-autoconf</i>	new	1.0	http://forge.ocamlcore.org/projects/ocaml-autoconf/
<i>ocaml-camlp5</i>	5.10	5.12	http://pauillac.inria.fr/~ddr/camlp5/
<i>ocaml-camlp5-devel</i>	5.10	5.12	http://pauillac.inria.fr/~ddr/camlp5/
<i>ocaml-cil</i>	1.3.6	1.3.7	http://cil.sourceforge.net/
<i>ocaml-cil-cilly</i>	1.3.6	1.3.7	http://cil.sourceforge.net/
<i>ocaml-cil-devel</i>	1.3.6	1.3.7	http://cil.sourceforge.net/
<i>ocaml-cil-doc</i>	1.3.6	1.3.7	http://cil.sourceforge.net/

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<i>ocaml-curl</i>	0.5.0	0.5.1	http://sourceforge.net/projects/ocurl
<i>ocaml-curl-devel</i>	0.5.0	0.5.1	http://sourceforge.net/projects/ocurl
<i>ocaml-findlib</i>	1.2.3	1.2.4	http://projects.camlcity.org/projects/findlib.html
<i>ocaml-findlib-devel</i>	1.2.3	1.2.4	http://projects.camlcity.org/projects/findlib.html
<i>ocaml-json-wheel</i>	1.0.4	1.0.6	http://martin.jambon.free.fr/json-wheel.html
<i>ocaml-json-wheel-devel</i>	1.0.4	1.0.6	http://martin.jambon.free.fr/json-wheel.html
<i>ocaml-lablgl-devel</i>	1.03	1.04	http://wwwfun.kurims.kyoto-u.ac.jp/soft/olabl/lablg.html
<i>ocaml-labgtk-devel</i>	2.12.0	2.14.0	http://wwwfun.kurims.kyoto-u.ac.jp/soft/olabl/labgtk.html
<i>ocaml-lablgtk-devel</i>	3.11.0	3.11.1	http://www.ocaml.org
<i>ocaml-lacaml</i>	4.7.6	5.1.0	http://ocaml.info/home/ocaml_sources.html#lacaml
<i>ocaml-lacaml-devel</i>	4.7.6	5.1.0	http://ocaml.info/home/ocaml_sources.html#lacaml
<i>ocaml-libguestfs</i>	new	1.0.75	http://libguestfs.org/
<i>ocaml-libguestfs-devel</i>	new	1.0.75	http://libguestfs.org/

표 35. All Development-Libraries changes (cont'd)

패키지	구 버전	신 버전	업스트림 URL
<i>ocaml-ocamlgraph</i>	1.0	1.1	http://ocamlgraph.lri.fr/
<i>ocaml-ocamlgraph-devel</i>	1.0	1.1	http://ocamlgraph.lri.fr/
<i>ocaml-pa-do</i>	0.8.4	0.8.9	http://forge.ocamlcore.org/projects/pa-do/
<i>ocaml-pa-do-devel</i>	0.8.4	0.8.9	http://forge.ocamlcore.org/projects/pa-do/

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<i>ocaml-pcre</i>	5.15.0	6.0.0	http://www.ocaml.info/home/ocaml_sources.html#pcre-ocaml
<i>ocaml-pcre-devel</i>	5.15.0	6.0.0	http://www.ocaml.info/home/ocaml_sources.html#pcre-ocaml
<i>ocaml-postgresql</i>	1.10.3	1.12.3	http://www.ocaml.info/home/ocaml_sources.html#postgresql-ocaml
<i>ocaml-postgresql-devel</i>	1.10.3	1.12.3	http://www.ocaml.info/home/ocaml_sources.html#postgresql-ocaml
<i>ocaml-pxp</i>	1.2.0test2	1.2.1	http://projects.camlcity.org/projects/pxp.html
<i>ocaml-pxp-devel</i>	1.2.0test2	1.2.1	http://projects.camlcity.org/projects/pxp.html
<i>ocaml-sexplib</i>	4.2.7	4.2.10	http://www.ocaml.info/home/ocaml_sources.html#sexplib310
<i>ocaml-sexplib-devel</i>	4.2.7	4.2.10	http://www.ocaml.info/home/ocaml_sources.html#sexplib310
<i>ocaml-sqlite</i>	1.2.0	1.5.0	http://www.ocaml.info/home/ocaml_sources.html#ocaml-sqlite3
<i>ocaml-sqlite-devel</i>	1.2.0	1.5.0	http://www.ocaml.info/home/ocaml_sources.html#ocaml-sqlite3
<i>ocfs2-tools-devel</i>	1.3.9	1.4.3	http://oss.oracle.com/projects/ocfs2-tools/
<i>octave-devel</i>	3.0.5	3.2.3	http://www.octave.org
<i>ode-devel</i>	0.11	0.11.1	http://www.ode.org
<i>ogre-devel</i>	1.6.1	1.6.4	http://www.ogre3d.org/
<i>ogre-samples</i>	1.6.1	1.6.4	http://www.ogre3d.org/
<i>opal-devel</i>	3.6.1	3.6.6	http://www.opalvoip.org/

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<i>openaislib-devel</i>	0.94	1.1.0	http:// developer.osdl.org/dev/ openais/
<i>openal-soft-devel</i>	new	1.9.563	http:// kcat.strangesoft.net/ openal.html
<i>openbabel-devel</i>	2.2.1	2.2.3	http://openbabel.org/
<i>opencryptoki-devel</i>	new	2.3.0	http://sourceforge.net/ projects/opencryptoki
<i>openct-devel</i>	0.6.15	0.6.17	http://www.opensc- project.org/openct/
<i>opencv</i>	1.0.0	1.1.0	http:// opencv.willowgarage.com/ wiki/
<i>opencv-devel</i>	1.0.0	1.1.0	http:// opencv.willowgarage.com/ wiki/
<i>opencv-python</i>	1.0.0	1.1.0	http:// opencv.willowgarage.com/ wiki/
<i>openldap-devel</i>	2.4.15	2.4.18	http:// www.openldap.org/
<i>openmpi</i>	1.3.1	1.3.3	http://www.open- mpi.org/
<i>openmpi-devel</i>	1.3.1	1.3.3	http://www.open- mpi.org/
<i>openoffice.org-bsh</i>	3.1.0	3.1.1	http:// www.openoffice.org/
<i>openoffice.org-devel</i>	3.1.0	3.1.1	http:// www.openoffice.org/
<i>openoffice.org-headless</i>	3.1.0	3.1.1	http:// www.openoffice.org/
<i>openoffice.org-pyuno</i>	3.1.0	3.1.1	http:// www.openoffice.org/
<i>openoffice.org-rhino</i>	3.1.0	3.1.1	http:// www.openoffice.org/
<i>openoffice.org-sdk</i>	3.1.0	3.1.1	http:// www.openoffice.org/
<i>openoffice.org-testtools</i>	3.1.0	3.1.1	http:// www.openoffice.org/
<i>openoffice.org-ure</i>	3.1.0	3.1.1	http:// www.openoffice.org/

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<i>opensc-devel</i>	0.11.7	0.11.9	http://www.opensc-project.org/opensc/
<i>openscada-devel</i>	new	0.6.4	http://oscada.org.ua
<i>openscap-devel</i>	0.1.4	0.5.3	http://www.openscap.org/
<i>openscap-perl</i>	new	0.5.3	http://www.openscap.org/
<i>openscap-python</i>	0.1.4	0.5.3	http://www.openscap.org/
<i>openssl-devel</i>	0.9.8k	1.0.0	http://www.openssl.org/
<i>openssl-static</i>	0.9.8k	1.0.0	http://www.openssl.org/
<i>openvrl-devel</i>	0.17.12	0.18.3	http://openvrl.org
<i>openvrl-gl-devel</i>	0.17.12	0.18.3	http://openvrl.org
<i>openwsman-devel</i>	2.1.0	2.2.0	http://www.openwsman.org/
<i>openwsman-python</i>	2.1.0	2.2.0	http://www.openwsman.org/
<i>oprofile-devel</i>	0.9.4	0.9.5	http://oprofile.sf.net
<i>orsa-headers</i>	new	0.7.0	http://orsa.sourceforge.net
<i>orsa-lam-devel</i>	new	0.7.0	http://orsa.sourceforge.net
<i>orsa-mpich2-devel</i>	new	0.7.0	http://orsa.sourceforge.net
<i>orsa-openmpi-devel</i>	new	0.7.0	http://orsa.sourceforge.net
<i>pacemaker-libs-devel</i>	new	1.0.5	http://www.clusterlabs.org
<i>pam-devel</i>	1.0.91	1.1.0	http://www.us.kernel.org/pub/linux/libs/pam/index.html
<i>pango-devel</i>	1.24.1	1.26.0	http://www.pango.org
<i>pangomm-devel</i>	2.24.0	2.26.0	http://gtkmm.sourceforge.net/
<i>papyrus-devel</i>	0.11.0	0.12.1	http://libpapyrus.sourceforge.net/
<i>papyrus-extras-devel</i>	0.11.0	0.12.1	http://libpapyrus.sourceforge.net/
<i>papyrus-gtkmm-devel</i>	0.11.0	0.12.1	http://libpapyrus.sourceforge.net/
<i>parrot</i>	new	1.6.0	http://www.parrot.org/

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<i>parrot-devel</i>	new	1.6.0	http://www.parrot.org/
<i>parrot-tools</i>	new	1.6.0	http://www.parrot.org/
<i>parted-devel</i>	1.8.8	1.9.0	http://www.gnu.org/software/parted
<i>pathfinder-devel</i>	new	1.1.0	http://code.google.com/p/pathfinder-pki/
<i>pciutils-devel</i>	3.1.2	3.1.4	http://atrey.karlin.mff.cuni.cz/~mj/pciutils.shtml
<i>pcsc-perl</i>	1.4.7	1.4.8	http://ludovic.rousseau.free.fr/software/pcsc-perl/
<i>pdf-tools</i>	new	0.29a	http://search.cpan.org/dist/Text-PDF
<i>perl-Acme-Damn</i>	0.03	0.04	http://search.cpan.org/dist/Acme-Damn/
<i>perl-Acme-PlayCode</i>	new	0.11	http://search.cpan.org/dist/Acme-PlayCode/
<i>perl-Algorithm-C3</i>	0.07	0.08	http://search.cpan.org/dist/Algorithm-C3/
<i>perl-Algorithm-Dependency</i>	1.108	1.110	http://search.cpan.org/dist/Algorithm-Dependency/
<i>perl-Algorithm-IncludeExclude</i>	new	0.01	http://search.cpan.org/dist/Algorithm-IncludeExclude/
<i>perl-Alien-SeleniumRC</i>	new	1.00	http://search.cpan.org/dist/Alien-SeleniumRC/
<i>perl-Alien-wxWidgets</i>	0.42	0.44	http://search.cpan.org/dist/Alien-wxWidgets/
<i>perl-Any-Moose</i>	new	0.10	http://search.cpan.org/dist/Any-Moose
<i>perl-AnyEvent</i>	4.350	5.11	http://search.cpan.org/dist/AnyEvent/
<i>perl-AnyEvent-AIO</i>	1.0	1.1	http://search.cpan.org/dist/AnyEvent-AIO/
<i>perl-AnyEvent-BDB</i>	1.0	1.1	http://search.cpan.org/dist/AnyEvent-BDB/
<i>perl-Apache-RPC</i>	0.64	0.69	http://search.cpan.org/dist/RPC-XML/
<i>perl-Apache-Session</i>	1.87	1.88	http://search.cpan.org/dist/Apache-Session/

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<i>perl-App-Cache</i>	0.35	0.36	http://search.cpan.org/dist/App-Cache
<i>perl-App-Cmd</i>	0.203	0.301	http://search.cpan.org/dist/App-Cmd
<i>perl-App-Daemon</i>	new	0.06	http://search.cpan.org/dist/App-Daemon/
<i>perl-App-Nopaste</i>	new	0.15	http://search.cpan.org/dist/App-Nopaste/
<i>perl-Archive-Any</i>	0.093	0.0932	http://search.cpan.org/dist/Archive-Any/
<i>perl-Archive-RPM</i>	new	0.04	http://search.cpan.org/dist/Archive-RPM
<i>perl-Archive-Zip</i>	1.23	1.30	http://search.cpan.org/dist/Archive-Zip/
<i>perl-Array-Compare</i>	1.17	2.01	http://search.cpan.org/dist/Array-Compare/
<i>perl-Array-Diff</i>	0.04	0.05002	http://search.cpan.org/dist/Array-Diff/
<i>perl-Async-MergePoint</i>	new	0.03	http://search.cpan.org/dist/Async-MergePoint/
<i>perl-Authen-SASL</i>	2.12	2.13	http://search.cpan.org/dist/Authen-SASL/
<i>perl-AutoXS-Header</i>	0.03	1.02	http://search.cpan.org/dist/AutoXS-Header/
<i>perl-B-Hooks-EndOfScope</i>	0.07	0.08	http://search.cpan.org/dist/B-Hooks-EndOfScope
<i>perl-B-Hooks-OP-Check</i>	new	0.17	http://search.cpan.org/dist/B-Hooks-OP-Check
<i>perl-B-Hooks-OP-Check-StashChange</i>	new	0.06	http://search.cpan.org/dist/B-Hooks-OP-Check-StashChange/
<i>perl-B-Utills</i>	0.07	0.08	http://search.cpan.org/dist/B-Utills/
<i>perl-BDB</i>	1.83	1.84	http://search.cpan.org/dist/BDB/
<i>perl-BSD-Resource</i>	1.28	1.29.03	http://search.cpan.org/dist/BSD-Resource/
<i>perl-BZ-Client</i>	new	1.02	http://search.cpan.org/dist/BZ-Client/
<i>perl-Beanstalk-Client</i>	new	1.05	http://search.cpan.org/dist/Beanstalk-Client/

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<i>perl-BerkeleyDB</i>	0.34	0.39	http://search.cpan.org/dist/BerkeleyDB/
<i>perl-Bio-Graphics</i>	1.84	1.97	http://search.cpan.org/dist/Bio-Graphics/
<i>perl-Bit-Vector</i>	6.4	6.6	http://search.cpan.org/dist/Bit-Vector/
<i>perl-Business-ISBN</i>	2.04_01	2.05	http://search.cpan.org/dist/Business-ISBN/
<i>perl-Business-ISBN-Data</i>	20081020	20081208	http://search.cpan.org/dist/Business-ISBN-Data/
<i>perl-CGI-Application</i>	4.21	4.31	http://search.cpan.org/dist/CGI-Application/
<i>perl-CGI-Application-Dispatch</i>	new	2.16	http://search.cpan.org/dist/CGI-Application-Dispatch/
<i>perl-CGI-Application-Plugin-AutoRunmode</i>	new	0.16	http://search.cpan.org/dist/CGI-Application-Plugin-AutoRunmode/
<i>perl-CGI-Application-Plugin-ConfigAuto</i>	new	1.31	http://search.cpan.org/dist/CGI-Application-Plugin-ConfigAuto/
<i>perl-CGI-Application-Plugin-DBH</i>	new	4.00	http://search.cpan.org/dist/CGI-Application-Plugin-DBH/
<i>perl-CGI-Application-Plugin-DebugScreen</i>	new	0.06	http://search.cpan.org/dist/CGI-Application-Plugin-DebugScreen/
<i>perl-CGI-Application-Plugin-DevPopup</i>	new	1.01	http://search.cpan.org/dist/CGI-Application-Plugin-DevPopup/
<i>perl-CGI-Application-Plugin-ErrorPage</i>	new	1.21	http://search.cpan.org/dist/CGI-Application-Plugin-ErrorPage/
<i>perl-CGI-Application-Plugin-FillInForm</i>	new	1.14	http://search.cpan.org/dist/CGI-Application-Plugin-FillInForm/
<i>perl-CGI-Application-Plugin-Forward</i>	new	1.06	http://search.cpan.org/dist/CGI-Application-Plugin-Forward/
<i>perl-CGI-Application-Plugin-LogDispatch</i>	new	1.02	http://search.cpan.org/dist/CGI-Application-Plugin-LogDispatch/

패키지	구 버전	신 버전	업스트림 URL
<i>perl-CGI-Application-Plugin-Redirect</i>	new	1.00	http://search.cpan.org/dist/CGI-Application-Plugin-Redirect/
<i>perl-CGI-Application-Plugin-Session</i>	new	1.03	http://search.cpan.org/dist/CGI-Application-Plugin-Session/
<i>perl-CGI-Application-Plugin-Stream</i>	new	2.10	http://search.cpan.org/dist/CGI-Application-Plugin-Stream/
<i>perl-CGI-Application-Plugin-TT</i>	new	1.04	http://search.cpan.org/dist/CGI-Application-Plugin-TT/
<i>perl-CGI-Application-Plugin-ValidateRM</i>	new	2.3	http://search.cpan.org/dist/CGI-Application-Plugin-ValidateRM/
<i>perl-CGI-Application-Plugin-ViewCode</i>	new	1.02	http://search.cpan.org/dist/CGI-Application-Plugin-ViewCode/
<i>perl-CGI-Application-Server</i>	new	0.061	http://search.cpan.org/dist/CGI-Application-Server/
<i>perl-CGI-Application-Standard-Config</i>	new	1.01	http://search.cpan.org/dist/CGI-Application-Standard-Config/
<i>perl-CPAN-DistnameInfo</i>	0.07	0.08	http://search.cpan.org/dist/CPAN-DistnameInfo/
<i>perl-CSS-Minifier-XS</i>	0.03	0.04	http://search.cpan.org/dist/CSS-Minifier-XS
<i>perl-CSS-Squish</i>	0.07	0.08	http://search.cpan.org/dist/CSS-Squish/
<i>perl-Cache-Cache</i>	1.05	1.06	http://search.cpan.org/dist/Cache-Cache/
<i>perl-Cache-FastMmap</i>	1.28	1.34	http://search.cpan.org/dist/Cache-FastMmap/
<i>perl-Cache-Memcached</i>	new	1.28	http://search.cpan.org/dist/Cache-Memcached/
<i>perl-Capture-Tiny</i>	new	0.06	http://search.cpan.org/dist/Capture-Tiny/
<i>perl-Carp-Clan-Share</i>	new	0.013	http://search.cpan.org/dist/Carp-Clan-Share/

패키지	구 버전	신 버전	업스트림 URL
<i>perl-Catalyst-Action-RenderView</i>	0.09	0.11	http://search.cpan.org/dist/Catalyst-Action-RenderView/
<i>perl-Catalyst-Controller-FormBuilder</i>	0.04	0.05	http://search.cpan.org/dist/Catalyst-Controller-FormBuilder/
<i>perl-Catalyst-Controller-HTML-FormFu</i>	0.03007	0.05000	http://search.cpan.org/dist/Catalyst-Controller-HTML-FormFu/
<i>perl-Catalyst-Devel</i>	1.10	1.20	http://search.cpan.org/dist/Catalyst-Devel/
<i>perl-Catalyst-Helper-FastCGI-ExternalServer</i>	new	0.05	http://search.cpan.org/dist/Catalyst-Helper-FastCGI-ExternalServer
<i>perl-Catalyst-Manual</i>	5.7020	5.8000	http://search.cpan.org/dist/Catalyst-Manual/
<i>perl-Catalyst-Plugin-Authentication</i>	0.10011	0.10015	http://search.cpan.org/dist/Catalyst-Plugin-Authentication/
<i>perl-Catalyst-Plugin-Cache</i>	new	0.08	http://search.cpan.org/dist/Catalyst-Plugin-Cache/
<i>perl-Catalyst-Plugin-ConfigLoader</i>	0.22	0.27	http://search.cpan.org/dist/Catalyst-Plugin-ConfigLoader/
<i>perl-Catalyst-Plugin-I18N</i>	0.08	0.09	http://search.cpan.org/dist/Catalyst-Plugin-I18N/
<i>perl-Catalyst-Plugin-PageCache</i>	new	0.22	http://search.cpan.org/dist/Catalyst-Plugin-PageCache/
<i>perl-Catalyst-Plugin-Session</i>	0.20	0.25	http://search.cpan.org/dist/Catalyst-Plugin-Session/
<i>perl-Catalyst-Plugin-Session-State-Cookie</i>	0.10	0.14	http://search.cpan.org/dist/Catalyst-Plugin-Session-State-Cookie/
<i>perl-Catalyst-Plugin-Session-State-URI</i>	0.09	0.11	http://search.cpan.org/dist/Catalyst-Plugin-Session-State-URI/
<i>perl-Catalyst-Plugin-Session-Store-Cache</i>	new	0.01	http://search.cpan.org/dist/Catalyst-Plugin-Session-Store-Cache/

패키지	구 버전	신 버전	업스트림 URL
<i>perl-Catalyst-Plugin-Session-Store-FastMmap</i>	0.07	0.11	http://search.cpan.org/dist/Catalyst-Plugin-Session-Store-FastMmap/
<i>perl-Catalyst-Plugin-Session-Store-File</i>	0.13	0.17	http://search.cpan.org/dist/Catalyst-Plugin-Session-Store-File/
<i>perl-Catalyst-Plugin-Setenv</i>	new	0.03	http://search.cpan.org/dist/Catalyst-Plugin-Setenv/
<i>perl-Catalyst-Plugin-StackTrace</i>	0.09	0.10	http://search.cpan.org/dist/Catalyst-Plugin-StackTrace/
<i>perl-Catalyst-Plugin-Static-Simple</i>	0.20	0.21	http://search.cpan.org/dist/Catalyst-Plugin-Static-Simple/
<i>perl-Catalyst-Plugin-Unicode</i>	0.8	0.91	http://search.cpan.org/dist/Catalyst-Plugin-Unicode/
<i>perl-Catalyst-Runtime</i>	5.71001	5.80013	http://search.cpan.org/dist/Catalyst-Runtime/
<i>perl-Catalyst-Runtime-scripts</i>	5.71001	5.80013	http://search.cpan.org/dist/Catalyst-Runtime/
<i>perl-Catalyst-View-Email</i>	new	0.13	http://search.cpan.org/dist/Catalyst-View-Email/
<i>perl-Catalyst-View-JSON</i>	0.24	0.26	http://search.cpan.org/dist/Catalyst-View-JSON/
<i>perl-Catalyst-View-Mason</i>	new	0.18	http://search.cpan.org/dist/Catalyst-View-Mason/
<i>perl-Catalyst-View-PDF-Reuse</i>	new	0.03	http://search.cpan.org/dist/Catalyst-View-PDF-Reuse
<i>perl-Catalyst-View-TT</i>	0.29	0.30	http://search.cpan.org/dist/Catalyst-View-TT/
<i>perl-Class-Accessor</i>	0.31	0.34	http://search.cpan.org/dist/Class-Accessor/
<i>perl-Class-Accessor-Grouped</i>	0.08003	0.09000	http://search.cpan.org/dist/Class-Accessor-Grouped/
<i>perl-Class-C3-Adopt-NEXT</i>	0.07	0.12	http://search.cpan.org/dist/Class-C3-Adopt-NEXT

패키지	구 버전	신 버전	업스트림 URL
<i>perl-Class-C3-Componentised</i>	1.0003	1.0006	http://search.cpan.org/dist/Class-C3-Componentised/
<i>perl-Class-C3-XS</i>	0.11	0.13	http://search.cpan.org/dist/Class-C3-XS/
<i>perl-Class-DBI-Plugin-DeepAbstractSearch</i>	new	0.08	http://search.cpan.org/dist/Class-DBI-Plugin-DeepAbstractSearch
<i>perl-Class-Inspector</i>	1.23	1.24	http://search.cpan.org/dist/Class-Inspector/
<i>perl-Class-MOP</i>	0.80	0.94	http://search.cpan.org/dist/Class-MOP/
<i>perl-Class-Method-Modifiers</i>	1.01	1.04	http://search.cpan.org/dist/Class-Method-Modifiers
<i>perl-Class-Mix</i>	new	0.003	http://search.cpan.org/dist/Class-Mix/
<i>perl-Class-XSAccessor</i>	0.14	1.03	http://search.cpan.org/dist/Class-XSAccessor/
<i>perl-Class-XSAccessor-Array</i>	0.14	1.04	http://search.cpan.org/dist/Class-XSAccessor-Array/
<i>perl-Clipboard</i>	new	0.09	http://search.cpan.org/dist/Clipboard/
<i>perl-Compress-Raw-Bzip2</i>	2.005	2.020	http://search.cpan.org/dist/Compress-Raw-Bzip2/
<i>perl-Config-Auto</i>	new	0.20	http://search.cpan.org/dist/Config-Auto/
<i>perl-Config-General</i>	2.42	2.44	http://search.cpan.org/dist/Config-General/
<i>perl-Config-INI</i>	new	0.014	http://search.cpan.org/dist/Config-INI/
<i>perl-Config-JFDI</i>	new	0.063	http://search.cpan.org/dist/Config-JFDI/
<i>perl-Config-Model</i>	new	0.638	http://search.cpan.org/dist/Config-Model/
<i>perl-Config-Properties</i>	new	1.70	http://search.cpan.org/dist/Config-Properties/

표 36. All Development-Libraries changes (cont'd)

패키지	구 버전	신 버전	업스트림 URL
<i>perl-Convert-ASN1</i>	0.21	0.22	http://search.cpan.org/dist/Convert-ASN1/

패키지	구 버전	신 버전	업스트림 URL
<i>perl-Convert-Binary-C</i>	0.71	0.74	http://search.cpan.org/dist/Convert-Binary-C/
<i>perl-Convert-UUlib</i>	1.11	1.12	http://search.cpan.org/dist/Convert-UUlib/
<i>perl-Crypt-CipherSaber</i>	new	1.00	http://search.cpan.org/dist/Crypt-CipherSaber/
<i>perl-Crypt-DSA</i>	0.14	1.16	http://search.cpan.org/dist/Crypt-DSA/
<i>perl-Crypt-Eksblowfish</i>	new	0.007	http://search.cpan.org/dist/Crypt-Eksblowfish/
<i>perl-Crypt-GPG</i>	new	1.63	http://search.cpan.org/dist/Crypt-GPG/
<i>perl-Crypt-RSA</i>	1.98	1.99	http://search.cpan.org/dist/Crypt-RSA/
<i>perl-Crypt-Twofish</i>	new	2.13	http://search.cpan.org/dist/Crypt-Twofish/
<i>perl-Curses</i>	1.20	1.27	http://search.cpan.org/dist/Curses/
<i>perl-DBD-MySQL</i>	4.010	4.013	http://search.cpan.org/dist/DBD-mysql/
<i>perl-DBD-Pg</i>	2.11.6	2.15.1	http://search.cpan.org/dist/DBD-Pg/
<i>perl-DBD-SQLite</i>	1.14	1.25	http://search.cpan.org/dist/DBD-SQLite/
<i>perl-DBI</i>	1.607	1.609	http://dbi.perl.org/
<i>perl-DBICx-TestDatabase</i>	new	0.02	http://search.cpan.org/dist/DBICx-TestDatabase
<i>perl-DBIx-Class</i>	0.08012	0.08108	http://search.cpan.org/dist/DBIx-Class/
<i>perl-DBIx-Class-DateTime-Epoch</i>	0.03	0.05	http://search.cpan.org/dist/DBIx-Class-DateTime-Epoch
<i>perl-DBIx-Class-DynamicDefault</i>	new	0.03	http://search.cpan.org/dist/DBIx-Class-DynamicDefault
<i>perl-DBIx-Class-EncodedColumn</i>	new	0.00004	http://search.cpan.org/dist/DBIx-Class-EncodedColumn/
<i>perl-DBIx-Class-Schema-Loader</i>	0.04005	0.04006	http://search.cpan.org/dist/DBIx-Class-Schema-Loader/

패키지	구 버전	신 버전	업스트림 URL
<i>perl-DBIx-Class-TimeStamp</i>	new	0.12	http://search.cpan.org/dist/DBIx-Class-TimeStamp/
<i>perl-DBIx-SearchBuilder</i>	1.54	1.56	http://search.cpan.org/dist/DBIx-SearchBuilder/
<i>perl-Daemon-Generic</i>	new	0.61	http://search.cpan.org/dist/Daemon-Generic/
<i>perl-Data-Dump</i>	1.14	1.15	http://search.cpan.org/dist/Data-Dump/
<i>perl-Data-Dumper-Names</i>	new	0.03	http://search.cpan.org/dist/Data-Dumper-Names/
<i>perl-Data-FormValidator-Constraints-DateTime</i>	new	1.09	http://search.cpan.org/dist/Data-FormValidator-Constraints-DateTime/
<i>perl-Data-ICal</i>	0.15	0.16	http://search.cpan.org/dist/Data-ICal/
<i>perl-Data-ObjectDriver</i>	new	0.06	http://search.cpan.org/dist/Data-ObjectDriver/
<i>perl-Data-Report</i>	new	0.10	http://search.cpan.org/dist/Data-Report/
<i>perl-Data-Section</i>	0.005	0.091820	http://search.cpan.org/dist/Data-Section/
<i>perl-Data-Visitor</i>	0.22	0.25	http://search.cpan.org/dist/Data-Visitor/
<i>perl-Date-Calc</i>	5.4	5.6	http://search.cpan.org/dist/Date-Calc/
<i>perl-DateTime-Calendar-Mayan</i>	new	0.0601	http://search.cpan.org/dist/DateTime-Calendar-Mayan
<i>perl-DateTime-Format-Flexible</i>	0.05	0.09	http://search.cpan.org/dist/DateTime-Format-Flexible
<i>perl-DateTime-Format-HTTP</i>	0.37	0.38	http://search.cpan.org/dist/DateTime-Format-HTTP
<i>perl-DateTime-Format-Natural</i>	0.76	0.79	http://search.cpan.org/dist/DateTime-Format-Natural/
<i>perl-DateTime-Format-Pg</i>	0.16003	0.16004	http://search.cpan.org/dist/DateTime-Format-Pg/

패키지	구 버전	신 버전	업스트림 URL
<i>perl-DateTime-Format-SQLite</i>	new	0.10	http://search.cpan.org/dist/DateTime-Format-SQLite
<i>perl-DateTimeX-Easy</i>	0.085	0.087	http://search.cpan.org/dist/DateTimeX-Easy
<i>perl-Devel-Cycle</i>	1.10	1.11	http://search.cpan.org/dist/Devel-Cycle/
<i>perl-Devel-FindRef</i>	new	1.42	http://search.cpan.org/dist/Devel-FindRef/
<i>perl-Devel-LeakGuard-Object</i>	new	0.06	http://search.cpan.org/dist/Devel-LeakGuard-Object/
<i>perl-Devel-NYTPProf</i>	2.09	2.10	http://search.cpan.org/dist/Devel-NYTPProf/
<i>perl-Devel-REPL</i>	new	1.003007	http://search.cpan.org/dist/Devel-REPL/
<i>perl-Devel-Refcount</i>	new	0.06	http://search.cpan.org/dist/Devel-Refcount/
<i>perl-Devel-StackTrace</i>	1.20	1.22	http://search.cpan.org/dist/Devel-StackTrace
<i>perl-Devel-Symdump</i>	2.07	2.08	http://search.cpan.org/dist/Devel-Symdump/
<i>perl-Digest-SHA1</i>	2.11	2.12	http://search.cpan.org/dist/Digest-SHA1/
<i>perl-Email-MIME-Creator</i>	1.455	1.456	http://search.cpan.org/dist/Email-MIME-Creator/
<i>perl-Email-MIME-Encodings</i>	1.312	1.313	http://search.cpan.org/dist/Email-MIME-Encodings/
<i>perl-Email-MIME-Modifier</i>	1.443	1.444	http://search.cpan.org/dist/Email-MIME-Modifier/
<i>perl-Event</i>	1.11	1.12	http://search.cpan.org/dist/Event/
<i>perl-Exception-Class</i>	1.26	1.29	http://search.cpan.org/dist/Exception-Class/
<i>perl-Exception-Class-TryCatch</i>	new	1.12	http://search.cpan.org/dist/Exception-Class-TryCatch/
<i>perl-ExtUtils-Depends</i>	0.301	0.302	http://search.cpan.org/dist/ExtUtils-Depends/

패키지	구 버전	신 버전	업스트림 URL
<i>perl-ExtUtils-InferConfig</i>	new	1.03	http://search.cpan.org/dist/ExtUtils-InferConfig/
<i>perl-ExtUtils-InstallPAR</i>	new	0.03	http://search.cpan.org/dist/ExtUtils-InstallPAR/
<i>perl-FCGI-ProcManager</i>	0.18	0.19	http://search.cpan.org/dist/FCGI-ProcManager/
<i>perl-Fedora-Bugzilla</i>	0.05	0.10	http://camelus.fedorahosted.org
<i>perl-File-ChangeNotify</i>	new	0.07	http://search.cpan.org/dist/File-ChangeNotify/
<i>perl-File-Find-Rule-Perl</i>	1.04	1.09	http://search.cpan.org/dist/File-Find-Rule-Perl/
<i>perl-File-Flock</i>	new	2008.01	http://search.cpan.org/dist/File-Flock/
<i>perl-File-HomeDir</i>	0.84	0.86	http://search.cpan.org/dist/File-HomeDir/
<i>perl-File-ShareDir-PAR</i>	0.03	0.05	http://search.cpan.org/dist/File-ShareDir-PAR/
<i>perl-File-Which</i>	0.05	1.09	http://search.cpan.org/dist/File-Which/
<i>perl-FileHandle-Unget</i>	0.1622	0.1623	http://search.cpan.org/dist/FileHandle-Unget/
<i>perl-Flickr-API</i>	new	1.02	http://search.cpan.org/dist/Flickr-API/
<i>perl-Flickr-Upload</i>	new	1.32	http://search.cpan.org/dist/Flickr-Upload/
<i>perl-GD</i>	2.41	2.44	http://search.cpan.org/dist/GD/
<i>perl-Geo-IP</i>	1.36	1.38	http://search.cpan.org/dist/Geo-IP/
<i>perl-Getopt-ArgvFile</i>	new	1.11	http://search.cpan.org/dist/Getopt-ArgvFile/
<i>perl-Getopt-Euclid</i>	0.1.0	0.2.1	http://search.cpan.org/dist/Getopt-Euclid/
<i>perl-Getopt-Long-Descriptive</i>	0.074	0.077	http://search.cpan.org/dist/Getopt-Long-Descriptive/
<i>perl-Git</i>	1.6.2.2	1.6.5.2	http://git-scm.com/
<i>perl-Git-CPAN-Patch</i>	0.1.5	0.2.1	http://search.cpan.org/dist/Git-CPAN-Patch/

패키지	구 버전	신 버전	업스트림 URL
<i>perl-Glib-devel</i>	new	1.201	http://search.cpan.org/dist/Glib/
<i>perl-Gnome2-Wnck</i>	new	0.16	http://search.cpan.org/dist/Gnome2-Wnck/
<i>perl-Goo-Canvas</i>	new	0.06	http://search.cpan.org/dist/Goo-Canvas/
<i>perl-HTML-Defang</i>	new	1.02	http://search.cpan.org/dist/HTML-Defang/
<i>perl-HTML-FillInForm</i>	new	2.00	http://search.cpan.org/dist/HTML-FillInForm/
<i>perl-HTML-FormFu</i>	0.03007	0.05001	http://search.cpan.org/dist/HTML-FormFu/
<i>perl-HTML-FormFu-Model-DBIC</i>	0.03007	0.05002	http://search.cpan.org/dist/HTML-FormFu-Model-DBIC
<i>perl-HTML-GenToc</i>	new	3.10	http://search.cpan.org/dist/HTML-GenToc/
<i>perl-HTML-Mason</i>	1.40	1.42	http://www.masonhq.com/
<i>perl-HTML-Parser</i>	3.59	3.64	http://search.cpan.org/dist/HTML-Parser/
<i>perl-HTML-StripScripts</i>	new	1.04	http://search.cpan.org/dist/HTML-StripScripts/
<i>perl-HTML-StripScripts-Parser</i>	new	1.02	http://search.cpan.org/dist/HTML-StripScripts-Parser/
<i>perl-HTML-Template-Pro</i>	0.71	0.87	http://search.cpan.org/dist/HTML-Template-Pro/
<i>perl-HTML-Toc</i>	new	1.11	http://search.cpan.org/dist/HTML-Toc/
<i>perl-HTML-TreeBuilder-XPath</i>	new	0.11	http://search.cpan.org/dist/HTML-TreeBuilder-XPath/
<i>perl-HTML-WikiConverter</i>	new	0.68	http://search.cpan.org/dist/HTML-WikiConverter/
<i>perl-HTML-WikiConverter-Markdown</i>	new	0.05	http://search.cpan.org/dist/HTML-WikiConverter-Markdown/
<i>perl-HTTP-Request-AsCGI</i>	0.5	0.9	http://search.cpan.org/dist/HTTP-Request-AsCGI/

패키지	구 버전	신 버전	업스트림 URL
<i>perl-HTTP-Response-Encoding</i>	0.05	0.06	http://search.cpan.org/dist/HTTP-Response-Encoding/
<i>perl-HTTP-Server-Simple</i>	0.38	0.41	http://search.cpan.org/dist/HTTP-Server-Simple/
<i>perl-HTTP-Server-Simple-Mason</i>	0.11	0.13	http://search.cpan.org/dist/HTTP-Server-Simple-Mason/
<i>perl-Hash-Merge</i>	new	0.11	http://search.cpan.org/dist/Hash-Merge/
<i>perl-IO-Async</i>	new	0.23	http://search.cpan.org/dist/IO-Async/
<i>perl-IO-Socket-SSL</i>	1.24	1.31	http://search.cpan.org/dist/IO-Socket-SSL/
<i>perl-IPC-Run</i>	0.82	0.84	http://search.cpan.org/dist/IPC-Run/
<i>perl-IPC-Run3</i>	0.042	0.043	http://search.cpan.org/dist/IPC-Run3/

표 37. All Development-Libraries changes (cont'd)

패키지	구 버전	신 버전	업스트림 URL
<i>perl-JSON</i>	2.14	2.15	http://search.cpan.org/dist/JSON/
<i>perl-JSON-RPC</i>	new	0.96	http://search.cpan.org/dist/JSON-RPC/
<i>perl-JSON-RPC-Common</i>	new	0.03	http://search.cpan.org/dist/JSON-RPC-Common/
<i>perl-JSON-XS</i>	2.2311	2.24	http://search.cpan.org/dist/JSON-XS/
<i>perl-JavaScript-Beautifier</i>	new	0.13	http://search.cpan.org/dist/JavaScript-Beautifier/
<i>perl-JavaScript-Minifier</i>	new	1.05	http://search.cpan.org/dist/JavaScript-Minifier/
<i>perl-JavaScript-Minifier-XS</i>	new	0.06	http://search.cpan.org/dist/JavaScript-Minifier-XS/
<i>perl-Jcode</i>	2.06	2.07	http://search.cpan.org/dist/Jcode/
<i>perl-Lexical-Persistence</i>	new	1.01	http://search.cpan.org/dist/Lexical-Persistence/

패키지	구 버전	신 버전	업스트림 URL
<i>perl-Lingua-Flags</i>	new	0.05	http://search.cpan.org/dist/Lingua-Flags/
<i>perl-Linux-Inotify2</i>	new	1.2	http://search.cpan.org/dist/Linux-Inotify2
<i>perl-Locale-Msgfmt</i>	new	0.14	http://search.cpan.org/dist/Locale-Msgfmt/
<i>perl-Locale-PO</i>	new	0.21	http://search.cpan.org/dist/Locale-PO/
<i>perl-Log-Log4perl</i>	1.20	1.24	http://search.cpan.org/dist/Log-Log4perl/
<i>perl-Log-LogLite</i>	new	0.82	http://search.cpan.org/dist/Log-LogLite/
<i>perl-MIME-Charset</i>	new	1.006.2	http://search.cpan.org/dist/MIME-Charset/
<i>perl-MIME-EncWords</i>	new	1.010.101	http://search.cpan.org/dist/MIME-EncWords/
<i>perl-MIME-Lite</i>	3.01	3.027	http://search.cpan.org/dist/MIME-Lite/
<i>perl-MIME-Types</i>	1.27	1.28	http://search.cpan.org/dist/MIME-Types/
<i>perl-MP3-Info</i>	1.23	1.24	http://search.cpan.org/dist/MP3-Info/
<i>perl-MRO-Compat</i>	0.10	0.11	http://search.cpan.org/dist/MRO-Compat/
<i>perl-Mail-Box</i>	2.087	2.091	http://search.cpan.org/dist/Mail-Box/
<i>perl-Mail-DKIM</i>	0.32	0.37	http://dkimproxy.sourceforge.net/
<i>perl-Mail-IMAPClient</i>	3.14	3.21	http://search.cpan.org/dist/Mail-IMAPClient/
<i>perl-Mail-Mbox-MessageParser</i>	1.5000	1.5002	http://search.cpan.org/dist/Mail-Mbox-MessageParser/
<i>perl-Mail-SPF-Query</i>	1.999.1	dropped	http://search.cpan.org/dist/Mail-SPF-Query/
<i>perl-Math-Calc-Units</i>	new	1.06	http://search.cpan.org/dist/Math-Calc-Units/
<i>perl-Math-Curve-Hilbert</i>	new	0.04	http://search.cpan.org/dist/Math-Curve-Hilbert/
<i>perl-Math-GMP</i>	2.05	2.06	http://search.cpan.org/dist/Math-GMP/

패키지	구 버전	신 버전	업스트림 URL
<i>perl-Mixin-Linewise</i>	new	0.002	http://search.cpan.org/dist/Mixin-Linewise/
<i>perl-Module-CPANTS-Analyse</i>	0.82	0.85	http://search.cpan.org/dist/Module-CPANTS-Analyse/
<i>perl-Module-Find</i>	0.06	0.08	http://search.cpan.org/dist/Module-Find/
<i>perl-Module-Install</i>	0.82	0.91	http://search.cpan.org/dist/Module-Install/
<i>perl-Module-Pluggable</i>	3.60	3.90	http://www.perl.org/
<i>perl-Module-Pluggable-Ordered</i>	new	1.5	http://search.cpan.org/dist/Module-Pluggable-Ordered/
<i>perl-Module-ScanDeps</i>	0.89	0.95	http://search.cpan.org/dist/Module-ScanDeps/
<i>perl-Module-Starter</i>	1.50	1.52	http://search.cpan.org/dist/Module-Starter
<i>perl-Module-Starter-Plugin-CGIApp</i>	new	0.10	http://search.cpan.org/dist/Module-Starter-Plugin-CGIApp/
<i>perl-Module-Used</i>	new	1.2.0	http://search.cpan.org/dist/Module-Used/
<i>perl-Module-Util</i>	1.05	1.07	http://search.cpan.org/dist/Module-Util
<i>perl-Moose</i>	0.73	0.92	http://search.cpan.org/dist/Moose/
<i>perl-MooseX-App-Cmd</i>	0.04	0.06	http://search.cpan.org/dist/MooseX-App-Cmd
<i>perl-MooseX-AttributeHelpers</i>	0.16	0.22	http://search.cpan.org/dist/MooseX-AttributeHelpers/
<i>perl-MooseX-ClassAttribute</i>	0.07	0.08	http://search.cpan.org/dist/MooseX-ClassAttribute/
<i>perl-MooseX-Emulate-Class-Accessor-Fast</i>	0.00800	0.00903	http://search.cpan.org/dist/MooseX-Emulate-Class-Accessor-Fast
<i>perl-MooseX-Getopt</i>	0.15	0.22	http://search.cpan.org/dist/MooseX-Getopt/
<i>perl-MooseX-Iterator</i>	0.09	0.11	http://search.cpan.org/dist/MooseX-Iterator/
<i>perl-MooseX-Log-Log4perl</i>	0.31	0.40	http://search.cpan.org/dist/MooseX-Log-Log4perl

패키지	구 버전	신 버전	업스트림 URL
<i>perl-MooseX-MethodAttributes</i>	new	0.18	http://search.cpan.org/dist/MooseX-MethodAttributes
<i>perl-MooseX-Object-Pluggable</i>	0.0009	0.0011	http://search.cpan.org/dist/MooseX-Object-Pluggable/
<i>perl-MooseX-POE</i>	0.1	0.204	http://search.cpan.org/dist/MooseX-POE/
<i>perl-MooseX-Params-Validate</i>	0.07	0.12	http://search.cpan.org/dist/MooseX-Params-Validate/
<i>perl-MooseX-Role-Cmd</i>	0.04	0.05	http://search.cpan.org/dist/MooseX-Role-Cmd/
<i>perl-MooseX-Role-Parameterized</i>	0.04	0.09	http://search.cpan.org/dist/MooseX-Role-Parameterized
<i>perl-MooseX-Role-XMLRPC-Client</i>	new	0.04	http://search.cpan.org/dist/MooseX-Role-XMLRPC-Client
<i>perl-MooseX-SemiAffordanceAccessor</i>	new	0.05	http://search.cpan.org/dist/MooseX-SemiAffordanceAccessor
<i>perl-MooseX-Singleton</i>	0.14	0.17	http://search.cpan.org/dist/MooseX-Singleton/
<i>perl-MooseX-Storage</i>	new	0.21	http://search.cpan.org/dist/MooseX-Storage
<i>perl-MooseX-StrictConstructor</i>	0.07	0.08	http://search.cpan.org/dist/MooseX-StrictConstructor
<i>perl-MooseX-Types</i>	0.10	0.20	http://search.cpan.org/dist/MooseX-Types
<i>perl-MooseX-Types-URI</i>	0.01	0.02	http://search.cpan.org/dist/MooseX-Types-URI
<i>perl-MooseX-Workers</i>	0.04	0.05	http://search.cpan.org/dist/MooseX-Workers/
<i>perl-Mouse</i>	0.19	0.35	http://search.cpan.org/dist/Mouse
<i>perl-Nagios-Plugin</i>	new	0.33	http://search.cpan.org/dist/Nagios-Plugin/
<i>perl-Net-Amazon</i>	new	0.57	http://search.cpan.org/dist/Net-Amazon/

패키지	구 버전	신 버전	업스트림 URL
<i>perl-Net-CUPS</i>	0.59	0.61	http://search.cpan.org/dist/Net-CUPS/
<i>perl-Net-DNS</i>	0.63	0.65	http://www.net-dns.org/
<i>perl-Net-DNS-Nameserver</i>	0.63	0.65	http://www.net-dns.org/
<i>perl-Net-LibIDN</i>	0.11	0.12	http://search.cpan.org/dist/Net-LibIDN/
<i>perl-Net-OAuth</i>	0.14	0.19	http://search.cpan.org/dist/Net-OAuth/
<i>perl-Net-Patricia</i>	1.014	1.15	http://search.cpan.org/dist/Net-Patricia/
<i>perl-Net-SSH2</i>	0.18	0.27	http://search.cpan.org/dist/Net-SSH2/
<i>perl-Net-UPnP</i>	new	1.41	http://search.cpan.org/dist/Net-UPnP/
<i>perl-NetAddr-IP</i>	4.007	4.027	http://search.cpan.org/dist/NetAddr-IP/
<i>perl-Number-Format</i>	1.70	1.72a	http://search.cpan.org/dist/Number-Format/
<i>perl-ORLite</i>	1.20	1.22	http://search.cpan.org/dist/ORLite/
<i>perl-ORLite-Migrate</i>	0.01	0.03	http://search.cpan.org/dist/ORLite-Migrate/
<i>perl-Object-InsideOut</i>	3.51	3.56	http://search.cpan.org/dist/Object-InsideOut
<i>perl-PAR</i>	0.983	0.994	http://search.cpan.org/dist/PAR/
<i>perl-PAR-Dist</i>	0.43	0.46	http://search.cpan.org/dist/PAR-Dist/
<i>perl-PAR-Packer</i>	new	0.991	http://search.cpan.org/dist/PAR-Packer/
<i>perl-PDF-Reuse</i>	new	0.35	http://search.cpan.org/dist/PDF-Reuse
<i>perl-PDL</i>	2.4.4	2.4.4_05	http://pdl.perl.org/
<i>perl-POE</i>	1.003	1.269	http://search.cpan.org/dist/POE/
<i>perl-POE-API-Peek</i>	1.0802	1.34	http://search.cpan.org/dist/POE-API-Peek/
<i>perl-POE-Component-Client-DNS</i>	1.00	1.050	http://search.cpan.org/dist/POE-Component-Client-DNS

패키지	구 버전	신 버전	업스트림 URL
<i>perl-POE-Component-Client-Keepalive</i>	0.1000	0.2600	http://search.cpan.org/dist/POE-Component-Client-Keepalive
<i>perl-POE-Component-Client-SMTP</i>	new	0.22	http://search.cpan.org/dist/POE-Component-Client-SMTP/
<i>perl-POE-Component-IRC</i>	5.88	6.14	http://search.cpan.org/dist/POE-Component-IRC
<i>perl-POE-Component-JobQueue</i>	0.5500	0.570	http://search.cpan.org/dist/POE-Component-JobQueue
<i>perl-POE-Component-Log4perl</i>	new	0.02	http://search.cpan.org/dist/POE-Component-Log4perl/
<i>perl-POE-Component-SSLify</i>	0.14	0.15	http://search.cpan.org/dist/POE-Component-SSLify/
<i>perl-POE-Component-Server-Bayeux</i>	new	0.02	http://search.cpan.org/dist/POE-Component-Server-Bayeux/
<i>perl-POE-Component-SimpleDBI</i>	1.18	1.27	http://search.cpan.org/dist/POE-Component-SimpleDBI/
<i>perl-POE-Filter-IRCD</i>	2.2	2.40	http://search.cpan.org/dist/POE-Filter-IRCD
<i>perl-POE-Filter-Transparent-SMTP</i>	new	0.2	http://search.cpan.org/dist/POE-Filter-Transparent-SMTP/
<i>perl-POE-Filter-Zlib</i>	2.01	2.02	http://search.cpan.org/dist/POE-Filter-Zlib/
<i>perl-POE-Test-Loops</i>	1.005	1.022	http://search.cpan.org/dist/POE-Test-Loops
<i>perl-PPI</i>	1.203	1.206	http://search.cpan.org/dist/PPI/
<i>perl-PPIx-EditorTools</i>	new	0.07	http://search.cpan.org/dist/PPIx-EditorTools/
<i>perl-Package-Generator</i>	0.102	0.103	http://search.cpan.org/dist/Package-Generator/
<i>perl-PadWalker</i>	1.7	1.9	http://search.cpan.org/dist/PadWalker/
<i>perl-Panotools-Script</i>	0.19	0.22	http://search.cpan.org/dist/Panotools-Script/

패키지	구 버전	신 버전	업스트림 URL
<i>perl-Params-Util</i>	0.38	1.00	http://search.cpan.org/dist/Params-Util/
<i>perl-Parse-BACKPAN-Packages</i>	0.34	0.35	http://search.cpan.org/dist/Parse-BACKPAN-Packages
<i>perl-Parse-CPAN-Meta</i>	0.04	1.40	http://search.cpan.org/dist/Parse-CPAN-Meta/
<i>perl-Parse-CPAN-Packages</i>	2.30	2.31	http://search.cpan.org/dist/Parse-CPAN-Packages/
<i>perl-Parse-ExuberantCTags</i>	new	1.01	http://search.cpan.org/dist/Parse-ExuberantCTags/
<i>perl-Parse-RecDescent</i>	1.96	1.962.2	http://search.cpan.org/dist/Parse-RecDescent/
<i>perl-Perl-Critic</i>	1.092	1.105	http://search.cpan.org/dist/Perl-Critic/
<i>perl-Perl-MinimumVersion</i>	1.19	1.20	http://search.cpan.org/dist/Perl-MinimumVersion/
<i>perl-Perl-Tags</i>	new	0.26	http://search.cpan.org/dist/Perl-Tags/
<i>perl-Pod-Abstract</i>	new	0.17	http://search.cpan.org/dist/Pod-Abstract/
<i>perl-Pod-POM</i>	0.18	0.25	http://search.cpan.org/dist/Pod-POM/
<i>perl-Pod-Xhtml</i>	new	1.59	http://search.cpan.org/dist/Pod-Xhtml/
<i>perl-Proc-Simple</i>	new	1.26	http://search.cpan.org/dist/Proc-Simple/
<i>perl-RPC-XML</i>	0.64	0.69	http://search.cpan.org/dist/RPC-XML/
<i>perl-RT-Client-REST</i>	new	0.37	http://search.cpan.org/dist/RT-Client-REST
<i>perl-SNMP-Info</i>	1.04	2.01	http://search.cpan.org/dist/SNMP-Info/
<i>perl-SOAP-Lite</i>	0.710.08	0.710.10	http://search.cpan.org/dist/SOAP-Lite/
<i>perl-SQL-Abstract</i>	1.50	1.60	http://search.cpan.org/dist/SQL-Abstract
<i>perl-SQL-Shell</i>	new	1.14	http://search.cpan.org/dist/SQL-Shell

패키지	구 버전	신 버전	업스트림 URL
<i>perl-SQL-Statement</i>	1.15	1.20	http://search.cpan.org/dist/SQL-Statement/
<i>perl-SQL-Translator</i>	0.09004	0.11002	http://search.cpan.org/dist/SQL-Translator/
<i>perl-SUPER</i>	1.16	1.17	http://search.cpan.org/dist/SUPER/
<i>perl-Sane</i>	0.02	0.03	http://search.cpan.org/dist/Sane/
<i>perl-Scope-Upper</i>	0.07	0.09	http://search.cpan.org/dist/Scope-Upper
<i>perl-Search-Xapian</i>	new	1.0.15.0	http://search.cpan.org/~olly/Search-Xapian-1.0.15.0/Xapian.pm
<i>perl-Sendmail-PMilter</i>	new	0.97	http://search.cpan.org/dist/Sendmail-PMilter/
<i>perl-Socket-GetAddrInfo</i>	new	0.12	http://search.cpan.org/dist/Socket-GetAddrInfo/
<i>perl-Software-License</i>	0.008	0.012	http://search.cpan.org/dist/Software-License/
<i>perl-String-Diff</i>	new	0.04	http://search.cpan.org/dist/String-Diff/
<i>perl-String-Format</i>	1.15	1.16	http://search.cpan.org/dist/String-Format/
<i>perl-String-RewritePrefix</i>	new	0.004	http://search.cpan.org/dist/String-RewritePrefix

표 38. All Development-Libraries changes (cont'd)

패키지	구 버전	신 버전	업스트림 URL
<i>perl-Sub-WrapPackages</i>	new	1.3	http://search.cpan.org/dist/Sub-WrapPackages/
<i>perl-Syntax-Highlight-Engine-Kate</i>	new	0.04	http://search.cpan.org/dist/Syntax-Highlight-Engine-Kate/
<i>perl-Syntax-Highlight-Perl-Improved</i>	new	1.01	http://search.cpan.org/dist/Syntax-Highlight-Perl-Improved/
<i>perl-Sys-SigAction</i>	0.10	0.11	http://search.cpan.org/dist/Sys-SigAction/
<i>perl-Sys-Virt</i>	0.2.0	0.2.1	http://search.cpan.org/dist/Sys-Virt/

패키지	구 버전	신 버전	업스트림 URL
<i>perl-Sysadm-Install</i>	0.27	0.33	http://search.cpan.org/dist/Sysadm-Install/
<i>perl-SystemC-Vregs</i>	1.462	1.463	http://search.cpan.org/dist/SystemC-Vregs/
<i>perl-SystemPerl</i>	new	1.330	http://search.cpan.org/dist/SystemPerl/
<i>perl-SystemPerl-devel</i>	new	1.330	http://search.cpan.org/dist/SystemPerl/
<i>perl-TAP-Formatter-HTML</i>	new	0.07	http://search.cpan.org/dist/TAP-Formatter-HTML/
<i>perl-TAP-Harness-Archive</i>	0.12	0.14	http://search.cpan.org/dist/TAP-Harness-Archive/
<i>perl-TAP-Harness-JUnit</i>	0.26	0.32	http://search.cpan.org/dist/TAP-Harness-JUnit/
<i>perl-Template-Plugin-Class</i>	0.13	0.14	http://search.cpan.org/dist/Template-Plugin-Class/
<i>perl-Template-Toolkit</i>	2.20	2.22	http://www.template-toolkit.org/
<i>perl-Term-Completion</i>	new	0.91	http://search.cpan.org/dist/Term-Completion
<i>perl-Term-Prompt</i>	new	1.04	http://search.cpan.org/dist/Term-Prompt/
<i>perl-Term-ReadLine-Gnu</i>	1.17a	1.19	http://search.cpan.org/dist/Term-ReadLine-Gnu/
<i>perl-Test-Aggregate</i>	new	0.35	http://search.cpan.org/dist/Test-Aggregate
<i>perl-Test-Base</i>	0.55	0.58	http://search.cpan.org/dist/Test-Base/
<i>perl-Test-CPAN-Meta</i>	0.12	0.13	http://search.cpan.org/dist/Test-CPAN-Meta/
<i>perl-Test-Class</i>	0.31	0.33	http://search.cpan.org/dist/Test-Class/
<i>perl-Test-ClassAPI</i>	1.05	1.06	http://search.cpan.org/dist/Test-ClassAPI/
<i>perl-Test-Deep</i>	0.103	0.106	http://search.cpan.org/dist/Test-Deep/
<i>perl-Test-HTTP-Server-Simple-StashWarnings</i>	0.03	0.04	http://search.cpan.org/dist/Test-HTTP-Server-Simple-StashWarnings/

패키지	구 버전	신 버전	업스트림 URL
<i>perl-Test-Inline</i>	2.208	2.211	http://search.cpan.org/dist/Test-Inline/
<i>perl-Test-MinimumVersion</i>	0.008	0.011	http://search.cpan.org/dist/Test-MinimumVersion/
<i>perl-Test-MockTime</i>	0.09	0.12	http://search.cpan.org/dist/Test-MockTime/
<i>perl-Test-Moose</i>	new	0.92	http://search.cpan.org/dist/Moose/
<i>perl-Test-Most</i>	new	0.21	http://search.cpan.org/dist/Test-Most/
<i>perl-Test-Pod</i>	1.26	1.40	http://search.cpan.org/dist/Test-Pod/
<i>perl-Test-Prereq</i>	1.036	1.037	http://search.cpan.org/dist/Test-Prereq/
<i>perl-Test-Refcount</i>	new	0.05	http://search.cpan.org/dist/Test-Refcount/
<i>perl-Test-Script</i>	1.03	1.06	http://search.cpan.org/dist/Test-Script/
<i>perl-Test-SubCalls</i>	1.08	1.09	http://search.cpan.org/dist/Test-SubCalls/
<i>perl-Test-TempDir</i>	0.04	0.05	http://search.cpan.org/dist/Test-TempDir/
<i>perl-Test-Unit-Lite</i>	0.1101	0.12	http://search.cpan.org/dist/Test-Unit-Lite/
<i>perl-Test-Unit-Runner-Xml</i>	new	0.1	http://search.cpan.org/dist/Test-Unit-Runner-Xml/
<i>perl-Test-WWW-Mechanize-CGIApp</i>	new	0.05	http://search.cpan.org/dist/Test-WWW-Mechanize-CGIApp/
<i>perl-Test-Warn</i>	0.11	0.21	http://search.cpan.org/dist/Test-Warn/
<i>perl-Test-YAML-Meta</i>	0.11	0.12	http://search.cpan.org/dist/Test-YAML-Meta/
<i>perl-Text-CSV</i>	new	1.10	http://search.cpan.org/dist/Text-CSV/
<i>perl-Text-CSV_XS</i>	0.58	0.69	http://search.cpan.org/dist/Text-CSV_XS/
<i>perl-Text-Context</i>	new	3.6	http://search.cpan.org/dist/Text-Context/

패키지	구 버전	신 버전	업스트림 URL
<i>perl-Text-Context-EitherSide</i>	new	1.4	http://search.cpan.org/dist/Text-Context-EitherSide/
<i>perl-Text-Diff</i>	0.35	1.37	http://search.cpan.org/dist/Text-Diff/
<i>perl-Text-Emoticon</i>	new	0.04	http://search.cpan.org/dist/Text-Emoticon/
<i>perl-Text-Emoticon-MSN</i>	new	0.04	http://search.cpan.org/dist/Text-Emoticon-MSN/
<i>perl-Text-PDF</i>	new	0.29a	http://search.cpan.org/dist/Text-PDF
<i>perl-Text-RecordParser</i>	1.2.1	1.3.0	http://search.cpan.org/dist/Text-RecordParser/
<i>perl-Text-SimpleTable</i>	0.05	2.0	http://search.cpan.org/dist/Text-SimpleTable/
<i>perl-Text-Textile</i>	new	2.12	http://search.cpan.org/dist/Text-Textile/
<i>perl-Text-VimColor</i>	new	0.11	http://search.cpan.org/dist/Text-VimColor/
<i>perl-TheSchwartz</i>	new	1.07	http://search.cpan.org/dist/TheSchwartz/
<i>perl-Time-Warp</i>	new	0.5	http://search.cpan.org/dist/Time-Warp
<i>perl-Titanium</i>	new	1.03	http://search.cpan.org/dist/Titanium/
<i>perl-Tk-Stderr</i>	new	1.2	http://search.cpan.org/dist/Tk-Stderr/
<i>perl-UNIVERSAL-can</i>	1.12	1.15	http://search.cpan.org/dist/UNIVERSAL-can/
<i>perl-UNIVERSAL-isa</i>	1.01	1.03	http://search.cpan.org/dist/UNIVERSAL-isa/
<i>perl-UNIVERSAL-require</i>	0.11	0.13	http://search.cpan.org/dist/UNIVERSAL-require/
<i>perl-URI</i>	1.37	1.40	http://search.cpan.org/dist/URI/
<i>perl-URI-Find</i>	0.16	20090319	http://search.cpan.org/dist/URI-Find
<i>perl-Variable-Magic</i>	0.32	0.37	http://search.cpan.org/dist/Variable-Magic/
<i>perl-WWW-Curl</i>	4.05	4.09	http://search.cpan.org/dist/WWW-Curl/

패키지	구 버전	신 버전	업스트림 URL
<i>perl-WWW-Mechanize</i>	1.54	1.60	http://search.cpan.org/dist/WWW-Mechanize/
<i>perl-WWW-Mechanize-TreeBuilder</i>	new	1.10000	http://search.cpan.org/dist/WWW-Mechanize-TreeBuilder/
<i>perl-WWW-Pastebin-PastebinCom-Create</i>	new	0.002	http://search.cpan.org/dist/WWW-Pastebin-PastebinCom-Create/
<i>perl-WWW-Pastebin-RafbNet-Create</i>	new	0.001	http://search.cpan.org/dist/WWW-Pastebin-RafbNet-Create/
<i>perl-WebService-Validator-CSS-W3C</i>	new	0.2	http://search.cpan.org/dist/WebService-Validator-CSS-W3C/
<i>perl-WebService-Validator-HTML-W3C</i>	new	0.24	http://search.cpan.org/dist/WebService-Validator-HTML-W3C/
<i>perl-Wx</i>	0.89	0.92	http://search.cpan.org/dist/Wx/
<i>perl-Wx-Perl-DataWalker</i>	new	0.02	http://search.cpan.org/dist/Wx-Perl-DataWalker/
<i>perl-XML-Atom</i>	new	0.35	http://search.cpan.org/dist/XML-Atom/
<i>perl-XML-Atom-SimpleFeed</i>	0.82	0.86	http://search.cpan.org/dist/XML-Atom-SimpleFeed/
<i>perl-XML-Feed</i>	new	0.43	http://search.cpan.org/dist/XML-Feed/
<i>perl-XML-NamespaceSupport</i>	1.09	1.10	http://search.cpan.org/dist/XML-NamespaceSupport/
<i>perl-XML-Parser-Lite-Tree</i>	new	0.12	http://search.cpan.org/dist/XML-Parser-Lite-Tree/
<i>perl-XML-RSS</i>	1.43	1.45	http://search.cpan.org/dist/XML-RSS/
<i>perl-XML-RSS-LibXML</i>	new	0.3004	http://search.cpan.org/dist/XML-RSS-LibXML/
<i>perl-XML-TokeParser</i>	new	0.05	http://search.cpan.org/dist/XML-TokeParser/
<i>perl-XML-Twig</i>	3.32	3.33	http://search.cpan.org/dist/XML-Twig/

패키지	구 버전	신 버전	업스트림 URL
<i>perl-XML-XPathEngine</i>	0.11	0.12	http://search.cpan.org/dist/XML-XPathEngine/
<i>perl-XXX</i>	new	0.12	http://search.cpan.org/dist/XXX/
<i>perl-YAML</i>	0.68	0.70	http://search.cpan.org/dist/YAML/
<i>perl-YAML-LibYAML</i>	new	0.32	http://search.cpan.org/dist/YAML-LibYAML/
<i>perl-YAML-Syck</i>	1.05	1.07	http://search.cpan.org/dist/YAML-Syck/
<i>perl-YAML-Tiny</i>	1.36	1.40	http://search.cpan.org/dist/YAML-Tiny/
<i>perl-accessors</i>	new	1.01	http://search.cpan.org/dist/accessors/
<i>perl-aliased</i>	0.22	0.30	http://search.cpan.org/dist/aliased/
<i>perl-latest</i>	new	0.03	http://search.cpan.org/dist/latest/
<i>perl-libguestfs</i>	new	1.0.75	http://libguestfs.org/
<i>perl-libwww-perl</i>	5.825	5.831	http://search.cpan.org/dist/libwww-perl/
<i>perl-local-lib</i>	1.003002	1.004007	http://search.cpan.org/dist/local-lib/
<i>perl-namespace-autoclean</i>	new	0.09	http://search.cpan.org/dist/namespace-autoclean/
<i>perl-p5-Palm</i>	new	1.011	http://search.cpan.org/dist/p5-Palm/
<i>perl-parent</i>	0.221	0.223	http://search.cpan.org/dist/parent/
<i>perl-prefork</i>	1.02	1.04	http://search.cpan.org/dist/prefork/
<i>php-IDNA_Convert</i>	new	0.6.3	http://idnaconv.phlymail.de/
<i>php-LightweightPicasaAPI</i>	new	3.3	http://cameronhinkle.com/
<i>php-Smarty</i>	2.6.20	2.6.26	http://www.smarty.net
<i>php-ZendFramework</i>	1.7.7	1.8.4	http://framework.zend.com/
<i>php-ZendFramework-Auth-Adapter-Ldap</i>	1.7.7	1.8.4	http://framework.zend.com/
<i>php-ZendFramework-Cache-Backend-Apc</i>	1.7.7	1.8.4	http://framework.zend.com/

패키지	구 버전	신 버전	업스트림 URL
<i>php-ZendFramework-Cache-Backend-Memcached</i>	1.7.7	1.8.4	http://framework.zend.com/
<i>php-ZendFramework-Captcha</i>	1.7.7	1.8.4	http://framework.zend.com/
<i>php-ZendFramework-Db-Adapter-Mysqli</i>	1.7.7	1.8.4	http://framework.zend.com/
<i>php-ZendFramework-Dojo</i>	1.7.7	1.8.4	http://framework.zend.com/
<i>php-ZendFramework-Feed</i>	1.7.7	1.8.4	http://framework.zend.com/
<i>php-ZendFramework-Gdata</i>	1.7.7	1.8.4	http://framework.zend.com/
<i>php-ZendFramework-Ldap</i>	1.7.7	1.8.4	http://framework.zend.com/
<i>php-ZendFramework-Pdf</i>	1.7.7	1.8.4	http://framework.zend.com/
<i>php-ZendFramework-Search-Lucene</i>	1.7.7	1.8.4	http://framework.zend.com/
<i>php-ZendFramework-Services</i>	1.7.7	1.8.4	http://framework.zend.com/
<i>php-ZendFramework-Soap</i>	new	1.8.4	http://framework.zend.com/
<i>php-ZendFramework-demos</i>	1.7.7	1.8.4	http://framework.zend.com/
<i>php-ZendFramework-extras</i>	1.7.7	1.8.4	http://framework.zend.com/
<i>php-ZendFramework-tests</i>	1.7.7	1.8.4	http://framework.zend.com/
<i>php-adodb</i>	4.95	5.09a	http://adodb.sf.net
<i>php-devel</i>	5.2.9	5.3.0	http://www.php.net/
<i>php-ezc-Archive</i>	new	1.3.4	http://ezcomponents.org/
<i>php-ezc-Authentication</i>	new	1.3.1	http://ezcomponents.org/
<i>php-ezc-AuthenticationDatabaseTiein</i>	new	1.1	http://ezcomponents.org/
<i>php-ezc-Base</i>	1.6.1	1.7	http://ezcomponents.org/
<i>php-ezc-Cache</i>	new	1.4.1	http://ezcomponents.org/
<i>php-ezc-Configuration</i>	new	1.3.4	http://ezcomponents.org/

패키지	구 버전	신 버전	업스트림 URL
<i>php-ezc-ConsoleTools</i>	1.5	1.5.2	http://ezcomponents.org/
<i>php-ezc-Database</i>	new	1.4.6	http://ezcomponents.org/
<i>php-ezc-EventLog</i>	new	1.4	http://ezcomponents.org/
<i>php-ezc-Feed</i>	new	1.2.1	http://ezcomponents.org/
<i>php-ezc-File</i>	new	1.2	http://ezcomponents.org/
<i>php-ezc-Mail</i>	new	1.6.3	http://ezcomponents.org/
<i>php-ezc-PersistentObject</i>	new	1.6	http://ezcomponents.org/
<i>php-ezc-SystemInformation</i>	new	1.0.8	http://ezcomponents.org/
<i>php-ezc-Template</i>	new	1.4.1	http://ezcomponents.org/
<i>php-ezc-Webdav</i>	new	1.1.2	http://ezcomponents.org/
<i>php-feedcreator</i>	new	1.7.2	http://www.bitfolge.de/rsscreator-en.html
<i>php-geshi</i>	new	1.0.8.3	http://qbnz.com/highlighter/
<i>php-getid3</i>	new	2.0.0b5	http://getid3.sourceforge.net/
<i>php-libpuzzle</i>	new	0.11	http://libpuzzle.pureftpd.org/project/libpuzzle
<i>php-pear-Auth-SASL</i>	1.0.2	1.0.3	http://pear.php.net/package/Auth_SASL
<i>php-pear-Auth_HTTP</i>	new	2.1.6	http://pear.php.net/package/Auth_HTTP
<i>php-pear-Cache-Lite</i>	1.7.7	1.7.8	http://pear.php.net/package/Cache_Lite
<i>php-pear-DB-DataObject</i>	1.8.8	1.8.12	http://pear.php.net/package/DB_DataObject
<i>php-pear-Date-Holidays</i>	0.20.1	0.21.4	http://pear.php.net/package/Date_Holidays

패키지	구 버전	신 버전	업스트림 URL
<i>php-pear-Event-Dispatcher</i>	1.0.0	1.1.0	http://pear.php.net/package/Event_Dispatcher
<i>php-pear-File-Bittorrent2</i>	new	1.3.1	http://pear.php.net/package/File_Bittorrent2
<i>php-pear-HTML-QuickForm</i>	3.2.10	3.2.11	http://pear.php.net/package/HTML_QuickForm
<i>php-pear-HTML_Javascript</i>	new	1.1.1	http://pear.php.net/package/HTML_Javascript
<i>php-pear-HTML_Template_PHPLIB</i>	new	1.4.0	http://pear.php.net/package/HTML_Template_PHPLIB
<i>php-pear-HTTP-Request</i>	1.4.3	1.4.4	http://pear.php.net/package/HTTP_Request
<i>php-pear-Image-Canvas</i>	0.3.1	0.3.2	http://pear.php.net/package/Image_Canvas
<i>php-pear-Image-Color</i>	1.0.2	1.0.3	http://pear.php.net/package/Image_Color
<i>php-pear-Log</i>	1.11.4	1.11.5	http://pear.php.net/package/Log
<i>php-pear-Net-DNS</i>	1.0.0	1.0.1	http://pear.php.net/package/Net_DNS
<i>php-pear-Net-SMTP</i>	1.3.2	1.3.3	http://pear.php.net/package/Net_SMTP
<i>php-pear-Net-Sieve</i>	1.1.6	1.1.7	http://pear.php.net/package/Net_Sieve
<i>php-pear-PHPUnit</i>	3.3.4	3.3.17	http://www.phpunit.de
<i>php-pear-Pager</i>	2.4.7	2.4.8	http://pear.php.net/package/Pager
<i>php-pear-PhpDocumentor</i>	1.4.2	1.4.3	http://www.phpdoc.org/

표 39. All Development-Libraries changes (cont'd)

패키지	구 버전	신 버전	업스트림 URL
<i>php-pear-Text-Diff</i>	new	1.1.0	http://pear.php.net/package/Text_Diff
<i>php-pear-Validate</i>	0.8.1	0.8.2	http://pear.php.net/package/Validate

패키지	구 버전	신 버전	업스트림 URL
<i>php-pecl-parsekit</i>	new	1.2	http://pecl.php.net/package/parsekit
<i>php-phpSmug</i>	new	2.0.2	http://phpsmug.com
<i>php-simplepie</i>	new	1.1.3	http://simplepie.org/
<i>phpFlickr</i>	new	2.3.0.1	http://phpflickr.com/
<i>physfs-devel</i>	1.0.1	1.0.2	http://www.icculus.org/physfs/
<i>picviz-devel</i>	0.5	0.6	http://www.wallinfire.net/picviz
<i>pidgin-devel</i>	2.5.5	2.6.3	http://pidgin.im/
<i>pigment-devel</i>	0.3.16	0.3.17	https://code.fluendo.com/pigment/trac/
<i>pilot-link-devel</i>	0.12.3	0.12.4	http://www.pilot-link.org/
<i>pixman-devel</i>	0.14.0	0.16.2	http://cgkit.freedesktop.org/pixman/
<i>pkcs11-helper</i>	new	1.07	http://www.opensc-project.org/pkcs11-helper/
<i>pkcs11-helper-devel</i>	new	1.07	http://www.opensc-project.org/pkcs11-helper/
<i>planner-devel</i>	0.14.3	0.14.4	http://live.gnome.org/Planner
<i>plexus-classworlds</i>	new	1.2	http://plexus.codehaus.org/
<i>plexus-cli</i>	new	1.2	http://plexus.codehaus.org/
<i>plexus-containers</i>	new	1.0	http://plexus.codehaus.org/
<i>plexus-digest</i>	new	1.0	http://plexus.codehaus.org/
<i>plexus-utils</i>	1.2	1.4.5	http://plexus.codehaus.org/
<i>plplot-ada</i>	5.9.2	5.9.5	http://plplot.sourceforge.net/
<i>plplot-ada-devel</i>	5.9.2	5.9.5	http://plplot.sourceforge.net/
<i>plplot-devel</i>	5.9.2	5.9.5	http://plplot.sourceforge.net/

패키지	구 버전	신 버전	업스트림 URL
<i>pplot-java</i>	5.9.2	5.9.5	http://pplot.sourceforge.net/
<i>pplot-java-devel</i>	5.9.2	5.9.5	http://pplot.sourceforge.net/
<i>pplot-libs</i>	5.9.2	5.9.5	http://pplot.sourceforge.net/
<i>pplot-lua</i>	new	5.9.5	http://pplot.sourceforge.net/
<i>pplot-ocaml</i>	5.9.2	5.9.5	http://pplot.sourceforge.net/
<i>pplot-ocaml-devel</i>	5.9.2	5.9.5	http://pplot.sourceforge.net/
<i>pplot-octave</i>	5.9.2	5.9.5	http://pplot.sourceforge.net/
<i>pplot-perl</i>	5.9.2	5.9.5	http://pplot.sourceforge.net/
<i>pplot-tk</i>	5.9.2	5.9.5	http://pplot.sourceforge.net/
<i>pplot-tk-devel</i>	5.9.2	5.9.5	http://pplot.sourceforge.net/
<i>pplot-wxGTK</i>	5.9.2	5.9.5	http://pplot.sourceforge.net/
<i>pplot-wxGTK-devel</i>	5.9.2	5.9.5	http://pplot.sourceforge.net/
<i>plymouth-devel</i>	0.7.0	0.8.0	http://freedesktop.org/software/plymouth/releases
<i>plymouth-libs</i>	0.7.0	0.8.0	http://freedesktop.org/software/plymouth/releases
<i>podofu-devel</i>	new	0.7.0	http://podofu.sourceforge.net
<i>poker-engine</i>	1.3.2	1.3.4	http://pokersource.org/poker-engine
<i>poker-engine-devel</i>	1.3.2	1.3.4	http://pokersource.org/poker-engine
<i>poker-eval</i>	135.0	136.0	http://pokersource.org/poker-eval
<i>poker-eval-devel</i>	135.0	136.0	http://pokersource.org/poker-eval
<i>polkit-desktop-policy</i>	new	0.95	http://www.freedesktop.org/wiki/Software/PolicyKit

패키지	구 버전	신 버전	업스트림 URL
<i>polkit-devel</i>	new	0.95	http://www.freedesktop.org/wiki/Software/PolicyKit
<i>polkit-docs</i>	new	0.95	http://www.freedesktop.org/wiki/Software/PolicyKit
<i>polkit-gnome-devel</i>	new	0.95	http://www.freedesktop.org/wiki/Software/PolicyKit
<i>polkit-gnome-docs</i>	new	0.95	http://www.freedesktop.org/wiki/Software/PolicyKit
<i>poppler</i>	0.10.5	0.12.1	http://poppler.freedesktop.org/
<i>poppler-data</i>	new	0.3.0	http://poppler.freedesktop.org/
<i>poppler-devel</i>	0.10.5	0.12.1	http://poppler.freedesktop.org/
<i>poppler-glib</i>	0.10.5	0.12.1	http://poppler.freedesktop.org/
<i>poppler-glib-devel</i>	0.10.5	0.12.1	http://poppler.freedesktop.org/
<i>poppler-qt-devel</i>	0.10.5	0.12.1	http://poppler.freedesktop.org/
<i>poppler-qt4-devel</i>	0.10.5	0.12.1	http://poppler.freedesktop.org/
<i>postgresql-devel</i>	8.3.7	8.4.1	http://www.postgresql.org/
<i>postgresql-pgpool-II-devel</i>	2.2	2.2.5	http://pgpool.projects.PostgreSQL.org
<i>powwow-devel</i>	new	1.2.16	http://hoopajoo.net/projects/powwow.html
<i>ppl</i>	0.10.1	0.10.2	http://www.cs.unipr.it/ppl/
<i>ppl-devel</i>	0.10.1	0.10.2	http://www.cs.unipr.it/ppl/
<i>ppl-gprolog</i>	0.10.1	0.10.2	http://www.cs.unipr.it/ppl/
<i>ppl-gprolog-static</i>	0.10.1	0.10.2	http://www.cs.unipr.it/ppl/
<i>ppl-java</i>	0.10.1	0.10.2	http://www.cs.unipr.it/ppl/

패키지	구 버전	신 버전	업스트림 URL
<i>ppl-pwl</i>	0.10.1	0.10.2	http://www.cs.unipr.it/ppl/
<i>ppl-pwl-devel</i>	0.10.1	0.10.2	http://www.cs.unipr.it/ppl/
<i>ppl-pwl-static</i>	0.10.1	0.10.2	http://www.cs.unipr.it/ppl/
<i>ppl-static</i>	0.10.1	0.10.2	http://www.cs.unipr.it/ppl/
<i>ppl-swiprolog</i>	0.10.1	0.10.2	http://www.cs.unipr.it/ppl/
<i>ppl-swiprolog-static</i>	0.10.1	0.10.2	http://www.cs.unipr.it/ppl/
<i>ppl-utils</i>	0.10.1	0.10.2	http://www.cs.unipr.it/ppl/
<i>ppl-yap</i>	0.10.1	0.10.2	http://www.cs.unipr.it/ppl/
<i>prelude-lml-devel</i>	0.9.14	0.9.15	http://prelude-ids.org/
<i>prelude-manager-devel</i>	0.9.14.2	0.9.15	http://www.prelude-ids.org
<i>protobuf</i>	2.0.2	2.2.0	http://code.google.com/p/protobuf/
<i>protobuf-compiler</i>	2.0.2	2.2.0	http://code.google.com/p/protobuf/
<i>protobuf-devel</i>	2.0.2	2.2.0	http://code.google.com/p/protobuf/
<i>protobuf-static</i>	2.0.2	2.2.0	http://code.google.com/p/protobuf/
<i>protobuf-vim</i>	2.0.2	2.2.0	http://code.google.com/p/protobuf/
<i>ptlib-devel</i>	2.6.1	2.6.5	http://www.opalvoip.org/
<i>publican-fedora</i>	0.18	1.0	https://publican.fedorahosted.org/
<i>pulseaudio-libs-devel</i>	0.9.15	0.9.19	http://pulseaudio.org/
<i>pyOpenSSL</i>	0.7	0.9	http://pyopenssl.sourceforge.net/
<i>pyabiword-devel</i>	0.6.3	0.8.0	http://abisource.com/downloads/pyabiword/0.8.0/pyabiword-0.8.0.tar.gz
<i>pycairo-devel</i>	1.8.2	1.8.6	http://cairographics.org/pycairo

패키지	구 버전	신 버전	업스트림 URL
<i>pycdio</i>	new	0.15	http://www.gnu.org/software/libcdio/
<i>pyclutter-devel</i>	0.8.2	0.9.2	http://www.clutter-project.org/
<i>pygsl</i>	0.9.3	0.9.4	http://pygsl.sourceforge.net
<i>pygsl-devel</i>	0.9.3	0.9.4	http://pygsl.sourceforge.net
<i>pypar</i>	new	2.1.0_66	http://sourceforge.net/projects/pypar
<i>pypoker-eval</i>	136.0	137.0	http://pokersource.org/pypoker-eval
<i>pypoker-eval-devel</i>	136.0	137.0	http://pokersource.org/pypoker-eval
<i>pyserial</i>	2.2	2.4	http://pyserial.sourceforge.net
<i>pysnmp</i>	2.0.9	4.1.11	http://pysnmp.sourceforge.net/
<i>python-AppTools</i>	new	3.2.0	http://pypi.python.org/pypi/AppTools/
<i>python-EnthoughtBase</i>	new	3.0.2	http://pypi.python.org/pypi/EnthoughtBase/3.0.2
<i>python-EnvisageCore</i>	new	3.1.0	http://pypi.python.org/pypi/EnvisageCore
<i>python-EnvisagePlugins</i>	new	3.1.0	http://pypi.python.org/pypi/EnvisagePlugins
<i>python-Lightbox</i>	new	2.1	http://pypi.python.org/pypi/Lightbox/2.1
<i>python-Scriptaculous</i>	new	1.8.2	http://pypi.python.org/pypi/Scriptaculous/2.1
<i>python-TraitsGUI</i>	new	3.0.4	http://pypi.python.org/pypi/TraitsGUI
<i>python-TurboMail</i>	2.1	3.0	http://www.python-turbomail.org
<i>python-biopython</i>	1.49	1.52	http://www.biopython.org/
<i>python-cheetah</i>	2.0.1	2.2.2	http://cheetahtemplate.org/
<i>python-cherrypy</i>	3.1.1	3.1.2	http://www.cherrypy.org/
<i>python-cryptsetup</i>	0.0.9	0.0.10	http://git.fedorahosted.org/

패키지	구 버전	신 버전	업스트림 URL
			git/?p=python-cryptsetup.git
<i>python-devel</i>	2.6	2.6.2	http://www.python.org/
<i>python-distutils-extra</i>	1.91.2	2.6	https://launchpad.net/python-distutils-extra
<i>python-exo</i>	0.3.101	0.3.104	http://xfce.org/
<i>python-flup</i>	1.0	1.0.2	http://trac.saddi.com/flup
<i>python-formencode</i>	1.2	1.2.2	http://formencode.org/
<i>python-gasp</i>	0.2.0beta1	0.3.2	http://launchpad.net/gasp-core
<i>python-inotify</i>	0.8.1	0.8.6	http://trac.dbzteam.org/pyinotify
<i>python-inotify-examples</i>	0.8.1	0.8.6	http://trac.dbzteam.org/pyinotify
<i>python-kinterbasdb</i>	new	3.3.0	http://www.firebirdsql.org/
<i>python-kiwi</i>	1.9.23	1.9.25	http://www.async.com.br/projects/kiwi/
<i>python-kiwi-gazpacho</i>	1.9.23	1.9.25	http://www.async.com.br/projects/kiwi/
<i>python-libguestfs</i>	new	1.0.75	http://libguestfs.org/
<i>python-logilab-common</i>	0.38.0	0.45.0	http://www.logilab.org/projects/common
<i>python-lxml</i>	2.2	2.2.3	http://codespeak.net/lxml/
<i>python-netaddr</i>	0.6.2	0.7.2	http://code.google.com/p/netaddr/
<i>python-paramiko</i>	1.7.4	1.7.5	http://www.lag.net/paramiko/
<i>python-pp</i>	1.5.6	1.5.7	http://www.parallelpython.com/
<i>python-pygments</i>	1.0	1.1.1	http://pygments.org/
<i>python-rapi</i>	0.13.1	0.14	http://www.synce.org
<i>python-rra</i>	0.13	0.14	http://www.synce.org
<i>python-simpletal</i>	4.1	4.2	http://www.owlfish.com/software/simpleTAL/index.html
<i>python-sippy</i>	new	1.0.1	http://b2bua.org/

패키지	구 버전	신 버전	업스트림 URL
<i>python-sqlalchemy</i>	0.5.2	0.5.5	http://www.sqlalchemy.org/
<i>python-storm-django</i>	new	0.15	https://storm.canonical.com/
<i>python-storm-mysql</i>	0.14	0.15	https://storm.canonical.com/
<i>python-storm-postgresql</i>	0.14	0.15	https://storm.canonical.com/
<i>python-storm-zope</i>	new	0.15	https://storm.canonical.com/
<i>python-suds</i>	0.3.5	0.3.6	https://fedorahosted.org/suds
<i>python-urlgrabber</i>	3.0.0	3.9.1	http://urlgrabber.baseurl.org/
<i>python-virtinst</i>	0.400.3	0.500.0	http://virt-manager.org
<i>python-webpy</i>	new	0.32	http://webpy.org/
<i>python-werkzeug</i>	new	0.5.1	http://werkzeug.pocoo.org/
<i>python-zope-interface</i>	3.5.1	3.5.2	http://pypi.python.org/pypi/zope.interface
<i>pywbem</i>	new	0.7.0	http://pywbem.sourceforge.net
<i>pyxdg</i>	0.16	0.17	http://freedesktop.org/Software/pyxdg
<i>qca2-devel</i>	2.0.1	2.0.2	http://delta.affinix.com/qca
<i>qgis-devel</i>	1.0.1	1.0.2	http://qgis.org/
<i>qmmp-devel</i>	0.2.3	0.3.0	http://qmmp.ylsoftware.com/index_en.html
<i>qrupdate</i>	new	1.0.1	http://qrupdate.sourceforge.net/
<i>qrupdate-devel</i>	new	1.0.1	http://qrupdate.sourceforge.net/
<i>qscintilla-devel</i>	2.3.2	2.4	http://www.riverbankcomputing.com/software/qscintilla/
<i>qscintilla-python</i>	2.3.2	2.4	http://www.riverbankcomputing.com/software/qscintilla/
<i>qscintilla-python-devel</i>	2.3.2	2.4	http://www.riverbankcomputing.com/software/qscintilla/

패키지	구 버전	신 버전	업스트림 URL
<i>qt-devel</i>	4.5.0	4.5.3	http://www.qtsoftware.com/
<i>rabbitmq-server</i>	new	1.6.0	http://www.rabbitmq.com/
<i>rb_libtorrent-devel</i>	0.14.2	0.14.4	http://www.rasterbar.com/products/libtorrent/
<i>rcssserver-devel</i>	13.2.0	13.2.2	http://sourceforge.net/projects/ssserver/
<i>readline-devel</i>	5.2	6.0	http://cnswww.cns.cwru.edu/php/chet/readline/rltop.html
<i>readline-static</i>	5.2	6.0	http://cnswww.cns.cwru.edu/php/chet/readline/rltop.html
<i>rest-devel</i>	new	0.6.1	http://moblin.org/projects/librest
<i>rhnlib</i>	2.5.10	2.5.13	https://fedorahosted.org/spacewalk
<i>rmol-devel</i>	0.19.0	0.23.0	http://rmol.sourceforge.net
<i>rpm-devel</i>	4.7.0	4.7.1	http://www.rpm.org/
<i>rpm-libs</i>	4.7.0	4.7.1	http://www.rpm.org/
<i>rpm-python</i>	4.7.0	4.7.1	http://www.rpm.org/
<i>rpmdepsize</i>	new	1.0	http://et.redhat.com/~rjones/rpmdepsize/
<i>rpy</i>	2.0.3	2.0.6	http://rpy.sourceforge.net
<i>rrdtool-devel</i>	1.3.7	1.3.8	http://oss.oetiker.ch/rrdtool/
<i>ruby-atk-devel</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-bonobo2-devel</i>	new	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-bonoboui2-devel</i>	new	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gconf2-devel</i>	new	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gdkpixbuf2-devel</i>	new	0.19.3	http://ruby-gnome2.sourceforge.jp/

패키지	구 버전	신 버전	업스트림 URL
<i>ruby-glib2-devel</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gnome2-devel</i>	new	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gnomecanvas2-devel</i>	new	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gnomeprint2-devel</i>	new	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gnomeprintui2-devel</i>	new	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gnomevfs-devel</i>	new	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-goocanvas-devel</i>	new	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gstreamer-devel</i>	new	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gtk2-devel</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gtkglext-devel</i>	new	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gtkhtml2-devel</i>	new	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gtkmozembed-devel</i>	new	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gtksourceview-devel</i>	new	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gtksourceview2-devel</i>	new	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-libart2-devel</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-libglade2-devel</i>	new	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-libguestfs</i>	new	1.0.75	http://libguestfs.org/
<i>ruby-libs</i>	1.8.6.287	1.8.6.383	http://www.ruby-lang.org/
<i>ruby-openbabel</i>	2.2.1	2.2.3	http://openbabel.org/
<i>ruby-openid</i>	2.1.4	2.1.7	http://openidenabled.com/ruby-openid/
<i>ruby-openwsman</i>	2.1.0	2.2.0	http://www.openwsman.org/
<i>ruby-panelapplet2-devel</i>	new	0.19.3	http://ruby-gnome2.sourceforge.jp/

패키지	구 버전	신 버전	업스트림 URL
<i>ruby-pango-devel</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-poppler-devel</i>	new	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-rsvg-devel</i>	new	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>rubygems</i>	1.3.1	1.3.5	http://rubyforge.org/projects/rubygems/
<i>rygel-devel</i>	new	0.4.2	http://live.gnome.org/Rygel
<i>sane-backends-devel</i>	1.0.19	1.0.20	http://www.sane-project.org
<i>sat4j</i>	2.0.3	2.1.0	http://www.sat4j.org/
<i>saxpath</i>	new	1.0	http://sourceforge.net/projects/saxpath/
<i>sblim-cmpi-base-devel</i>	1.5.7	1.5.9	http://sblim.wiki.sourceforge.net/
<i>sblim-cmpi-devel</i>	1.0.5	2.0.0	http://sblim.wiki.sourceforge.net/
<i>sblim-indication_helper</i>	new	0.4.2	http://sblim.wiki.sourceforge.net/
<i>sblim-indication_helper-devel</i>	new	0.4.2	http://sblim.wiki.sourceforge.net/
<i>scalapack-common</i>	new	1.7.5	http://www.netlib.org/lapack-dev/
<i>scalapack-lam</i>	new	1.7.5	http://www.netlib.org/lapack-dev/
<i>scalapack-lam-devel</i>	new	1.7.5	http://www.netlib.org/lapack-dev/
<i>scalapack-mpich2</i>	new	1.7.5	http://www.netlib.org/lapack-dev/
<i>scalapack-mpich2-devel</i>	new	1.7.5	http://www.netlib.org/lapack-dev/
<i>scalapack-openmpi</i>	new	1.7.5	http://www.netlib.org/lapack-dev/
<i>scalapack-openmpi-devel</i>	new	1.7.5	http://www.netlib.org/lapack-dev/
<i>schroedinger-devel</i>	1.0.6	1.0.7	http://www.diracvideo.org/
<i>scim-devel</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scribus-devel</i>	1.3.5	1.3.5.1	http://www.scribus.net/

패키지	구 버전	신 버전	업스트림 URL
<i>seahorse-devel</i>	2.26.1	2.28.1	http:// projects.gnome.org/ seahorse/
<i>setools-devel</i>	3.3.5	3.3.6	http://oss.tresys.com/ projects/setools
<i>sg3_utils-devel</i>	1.26	1.27	http://sg.danny.cz/sg/ sg3_utils.html
<i>simspark</i>	0.1	0.1.2	http:// simspark.sourceforge.net
<i>simspark-devel</i>	0.1	0.1.2	http:// simspark.sourceforge.net
<i>sip-devel</i>	4.7.9	4.8.2	http:// www.riverbankcomputing.com/ software/sip/intro
<i>sipwitch-devel</i>	new	0.5.7	http://www.gnu.org/ software/sipwitch
<i>sipwitch-runtime</i>	new	0.5.7	http://www.gnu.org/ software/sipwitch

표 40. All Development-Libraries changes (cont'd)

패키지	구 버전	신 버전	업스트림 URL
<i>slang-devel</i>	2.1.4	2.2.1	http://www.jedsoft.org/ slang/
<i>slang-static</i>	2.1.4	2.2.1	http://www.jedsoft.org/ slang/
<i>slimdata</i>	new	2.6.3	http:// slimdata.sourceforge.net/
<i>slimdata-devel</i>	new	2.6.3	http:// slimdata.sourceforge.net/
<i>slv2-devel</i>	0.6.2	0.6.6	http://drobilla.net/ software/slv2/
<i>soci-devel</i>	new	3.0.0	http:// soci.sourceforge.net
<i>soci-mysql-devel</i>	new	3.0.0	http:// soci.sourceforge.net
<i>soci-postgresql-devel</i>	new	3.0.0	http:// soci.sourceforge.net
<i>soprano-devel</i>	2.2.3	2.3.1	http://sourceforge.net/ projects/soprano
<i>soundmodem-devel</i>	0.12	0.14	http://www.baycom.org/ ~tom/ham/ soundmodem/
<i>spandsp-apidoc</i>	0.0.5	0.0.6	http://www.soft- switch.org/

패키지	구 버전	신 버전	업스트림 URL
<i>spandsp-devel</i>	0.0.5	0.0.6	http://www.soft-switch.org/
<i>sparse-devel</i>	0.4.1	0.4.2	http://www.kernel.org/pub/software/devel/sparse/
<i>speech-dispatcher-devel</i>	0.6.6	0.6.7	http://www.freebsoft.org/pub/projects/speechd/
<i>speech-dispatcher-python</i>	0.6.6	0.6.7	http://www.freebsoft.org/pub/projects/speechd/
<i>sphinxbase</i>	new	0.4.1	http://www.cmusphinx.org/
<i>sphinxbase-devel</i>	new	0.4.1	http://www.cmusphinx.org/
<i>sphinxbase-libs</i>	new	0.4.1	http://www.cmusphinx.org/
<i>sphinxbase-python</i>	new	0.4.1	http://www.cmusphinx.org/
<i>spr</i>	07.15.00	3.3.2	http://www.hep.caltech.edu/~narsky/spr.html
<i>spr-devel</i>	07.15.00	3.3.2	http://www.hep.caltech.edu/~narsky/spr.html
<i>sqlite-devel</i>	3.6.12	3.6.17	http://www.sqlite.org/
<i>sqlsh</i>	new	1.14	http://search.cpan.org/dist/SQL-Shell
<i>squirrel-devel</i>	2.2.2	2.2.3	http://squirrel-lang.org/
<i>ssm-devel</i>	0.1	1.0	http://www.bioxray.au.dk/~mok/ssm
<i>startup-notification-devel</i>	0.9	0.10	http://www.freedesktop.org/software/startup-notification/
<i>strigi-devel</i>	0.6.4	0.7.0	http://www.vandenoever.info/software/strigi/
<i>strigi-libs</i>	0.6.4	0.7.0	http://www.vandenoever.info/software/strigi/
<i>stxxl</i>	new	1.2.1	http://stxxl.sourceforge.net

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<i>stxxl-devel</i>	new	1.2.1	http://stxxl.sourceforge.net
<i>sublib-devel</i>	0.9	dropped	http://sublib.sourceforge.net/
<i>subversion-javahl</i>	1.6.1	1.6.5	http://subversion.tigris.org/
<i>subversion-perl</i>	1.6.1	1.6.5	http://subversion.tigris.org/
<i>subversion-ruby</i>	1.6.1	1.6.5	http://subversion.tigris.org/
<i>sugar-datastore</i>	0.84.0	0.86.1	http://sugarlabs.org/
<i>sugar-emulator</i>	0.84.5	0.86.3	http://sugarlabs.org/
<i>suitesparse-devel</i>	3.2.0	3.4.0	http://www.cise.ufl.edu/research/sparse/SuiteSparse
<i>suitesparse-static</i>	3.2.0	3.4.0	http://www.cise.ufl.edu/research/sparse/SuiteSparse
<i>svncpp</i>	0.9.6	0.10.0	http://www.rapidsvn.org/
<i>svncpp-devel</i>	0.9.6	0.10.0	http://www.rapidsvn.org/
<i>sword-devel</i>	1.5.11	1.6.0	http://www.crosswire.org/sword/
<i>sylpheed-devel</i>	new	2.7.1	http://sylpheed.sraoss.jp/
<i>syncevolution-devel</i>	new	0.9	http://syncevolution.org/
<i>synopsis-devel</i>	0.11	0.12	http://synopsis.fresco.org
<i>tabled-devel</i>	new	0.3	http://hail.wiki.kernel.org/
<i>taglib-devel</i>	1.5	1.6	http://developer.kde.org/~wheeler/taglib.html
<i>taglib-extras-devel</i>	0.1.2	1.0.1	http://websvn.kde.org/trunk/kdesupport/taglib-extras/
<i>tcl-trf-devel</i>	2.1.3	2.1.4	http://tcltrf.sourceforge.net
<i>tdb-tools</i>	1.1.3	1.1.5	http://tdb.samba.org/

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<i>telepathy-farsight-devel</i>	0.0.6	0.0.12	http://telepathy.freedesktop.org/wiki/
<i>telepathy-farsight-python</i>	0.0.6	0.0.12	http://telepathy.freedesktop.org/wiki/
<i>telepathy-glib-devel</i>	0.7.29	0.9.0	http://telepathy.freedesktop.org/wiki/FrontPage
<i>telepathy-mission-control-devel</i>	4.67	5.2.5	http://telepathy.freedesktop.org/wiki/Mission_Control
<i>tesseract-devel</i>	2.03	2.04	http://code.google.com/p/tesseract-ocr/
<i>tn5250-devel</i>	0.17.3	0.17.4	http://tn5250.sourceforge.net/
<i>tokyocabinet</i>	1.4.9	1.4.33	http://tokyocabinet.sourceforge.net/
<i>tokyocabinet-devel</i>	1.4.9	1.4.33	http://tokyocabinet.sourceforge.net/
<i>tokyotyrant-devel</i>	new	1.1.34	http://1978th.net/tokyotyrant/
<i>tomboy-devel</i>	0.14.1	1.0.0	http://projects.gnome.org/tomboy/
<i>toot2</i>	new	3	http://toot.org.uk/index.html
<i>tootaudioservers</i>	new	3	http://code.google.com/p/tootaudioservers/
<i>totem-devel</i>	2.26.2	2.28.2	http://projects.gnome.org/totem/
<i>totem-pl-parser-devel</i>	2.26.2	2.28.1	http://www.gnome.org/projects/totem/
<i>tpm-tools-devel</i>	1.3.1	1.3.3	http://trousers.sourceforge.net
<i>tracker-devel</i>	0.6.94	0.6.95	http://projects.gnome.org/tracker/
<i>tre-devel</i>	0.7.5	0.7.6	http://laurikari.net/tre/
<i>tslib-devel</i>	new	1.0	http://tslib.berlios.de/
<i>twitter-glib-devel</i>	new	0.9.8	http://live.gnome.org/TwitterGlib

패키지	구 버전	신 버전	업스트림 URL
<i>uClibc-devel</i>	new	0.9.30.1	http://www.uclibc.org/
<i>ucommon-devel</i>	new	2.0.5	http://www.gnu.org/software/commoncpp
<i>uim-devel</i>	1.5.5	1.5.6	http://code.google.com/p/uim/
<i>unbound-devel</i>	1.2.1	1.3.4	http://www.nlnetlabs.nl/unbound/
<i>unique-devel</i>	1.0.4	1.1.2	http://www.gnome.org/~ebassi/source/
<i>unshield-devel</i>	0.5.1	0.6	http://synce.sourceforge.net/
<i>unuran-devel</i>	1.3.1	1.4.1	http://statistik.wu-wien.ac.at/unuran
<i>usbmuxd-devel</i>	new	0.1.4	http://cgit.pims.selfip.net/usbmuxd/
<i>util-vserver-devel</i>	0.30.215	0.30.215+svn2847	http://savannah.nongnu.org/projects/util-vserver/
<i>util-vserver-python</i>	new	0.30.215+svn2847	http://savannah.nongnu.org/projects/util-vserver/
<i>vala-devel</i>	0.5.7	0.7.5	http://live.gnome.org/Vala
<i>valide-devel</i>	new	0.5.1	http://www.valaide.org
<i>vigra</i>	1.5.0	1.6.0	http://kogs-www.informatik.uni-hamburg.de/~koethe/vigra/
<i>vigra-devel</i>	1.5.0	1.6.0	http://kogs-www.informatik.uni-hamburg.de/~koethe/vigra/
<i>vinagre-devel</i>	new	2.28.1	http://projects.gnome.org/vinagre/
<i>vips-devel</i>	7.16.4	7.18.2	http://www.vips.ecs.soton.ac.uk/
<i>virt-top</i>	1.0.3	1.0.4	http://et.redhat.com/~rjones/virt-top/
<i>volume_key-devel</i>	new	0.3	https://fedorahosted.org/volume_key/
<i>vte-devel</i>	0.20.1	0.22.2	n/a

패키지	구 버전	신 버전	업스트림 URL
<i>vtk-devel</i>	5.2.1	5.4.2	http://vtk.org/
<i>vtkdata</i>	5.2.1	5.4.2	http://www.vtk.org/
<i>wavpack-devel</i>	4.50.1	4.60	http://www.wavpack.com/
<i>webkitgtk</i>	1.1.4	1.1.15.3	http://www.webkitgtk.org/
<i>webkitgtk-devel</i>	1.1.4	1.1.15.3	http://www.webkitgtk.org/
<i>wordnet-devel</i>	new	3.0	http://wordnet.princeton.edu
<i>xapian-bindings-python</i>	1.0.11	1.0.16	http://www.xapian.org/
<i>xapian-bindings-ruby</i>	1.0.11	1.0.16	http://www.xapian.org/
<i>xapian-core-devel</i>	1.0.11	1.0.16	http://www.xapian.org/
<i>xbase-devel</i>	2.0.0	3.1.2	http://linux.techass.com/projects/xdb/
<i>xblas-devel</i>	new	1.0.248	http://www.netlib.org/xblas
<i>xcb-proto</i>	1.4	1.5	http://xcb.freedesktop.org/
<i>xdrfile-devel</i>	new	1.1	http://oldwiki.gromacs.org/index.php/XTC_Library
<i>xemacs-devel</i>	21.5.28	21.5.29	http://www.xemacs.org/
<i>xemacs-el</i>	21.5.28	21.5.29	http://www.xemacs.org/
<i>xen</i>	3.3.1	3.4.1	http://xen.org/
<i>xen-devel</i>	3.3.1	3.4.1	http://xen.org/
<i>xen-hypervisor</i>	3.3.1	3.4.1	http://xen.org/
<i>xen-libs</i>	3.3.1	3.4.1	http://xen.org/
<i>xen-runtime</i>	3.3.1	3.4.1	http://xen.org/
<i>xfce4-panel-devel</i>	4.6.1	4.6.2	http://www.xfce.org/
<i>xfce4-session-devel</i>	4.6.0	4.6.1	http://www.xfce.org/
<i>xforms-devel</i>	1.0.90	1.0.92	http://xforms-toolkit.org/
<i>xfsprogs-devel</i>	3.0.0	3.0.3	http://oss.sgi.com/projects/xfs/
<i>xfsprogs-qa-devel</i>	new	3.0.3	http://oss.sgi.com/projects/xfs/
<i>xml-security-c-devel</i>	new	1.5.1	http://santuario.apache.org/c/

패키지	구 버전	신 버전	업스트림 URL
<i>xmlsec1</i>	1.2.11	1.2.12	http://www.aleksey.com/xmlsec/
<i>xmlsec1-devel</i>	1.2.11	1.2.12	http://www.aleksey.com/xmlsec/
<i>xmlsec1-gnutls</i>	1.2.11	1.2.12	http://www.aleksey.com/xmlsec/
<i>xmlsec1-gnutls-devel</i>	1.2.11	1.2.12	http://www.aleksey.com/xmlsec/
<i>xmlsec1-nss</i>	1.2.11	1.2.12	http://www.aleksey.com/xmlsec/
<i>xmlsec1-nss-devel</i>	1.2.11	1.2.12	http://www.aleksey.com/xmlsec/
<i>xmlsec1-openssl</i>	1.2.11	1.2.12	http://www.aleksey.com/xmlsec/
<i>xmlsec1-openssl-devel</i>	1.2.11	1.2.12	http://www.aleksey.com/xmlsec/
<i>xmms2-devel</i>	0.5	0.6	http://wiki.xmms2.xmms.se/
<i>xorg-x11-drv-evdev-devel</i>	2.2.1	2.3.0	http://www.x.org
<i>xorg-x11-drv-synaptics-devel</i>	1.1.0	1.1.99	http://www.x.org
<i>xorg-x11-server-source</i>	1.6.1.901	1.7.1	http://www.x.org
<i>xpa-devel</i>	2.1.8	2.1.10	http://he-www.harvard.edu/RD/xpa/
<i>xsp-devel</i>	2.4	2.4.2	http://mono.ximian.com/monobuild/preview/sources-preview/
<i>xsupplicant-devel</i>	1.2.8	2.1.8	http://www.open1x.org/
<i>xulrunner-devel</i>	1.9.1	1.9.1.4	http://developer.mozilla.org/En/XULRunner

패키지	구 버전	신 버전	업스트림 URL
<i>xulrunner-devel-unstable</i>	1.9.1	1.9.1.4	http:// developer.mozilla.org/ En/XULRunner
<i>xulrunner-python-devel</i>	1.9.1	1.9.1.4	http:// developer.mozilla.org/ En/XULRunner
<i>xylib</i>	new	0.4	http:// www.unipress.waw.pl/ fityk/xylib/
<i>xylib-devel</i>	new	0.4	http:// www.unipress.waw.pl/ fityk/xylib/
<i>xz-devel</i>	new	4.999.9	http://tukaani.org/xz/
<i>xz-lzma-compat</i>	new	4.999.9	http://tukaani.org/xz/
<i>zbar-devel</i>	new	0.8	http://sourceforge.net/ projects/zbar
<i>zbar-gtk</i>	new	0.8	http://sourceforge.net/ projects/zbar
<i>zbar-gtk-devel</i>	new	0.8	http://sourceforge.net/ projects/zbar
<i>zbar-pygtk</i>	new	0.8	http://sourceforge.net/ projects/zbar
<i>zbar-qt</i>	new	0.8	http://sourceforge.net/ projects/zbar
<i>zbar-qt-devel</i>	new	0.8	http://sourceforge.net/ projects/zbar
<i>zfstream-devel</i>	new	20041202	http:// www.wanderinghorse.net/ computing/zfstream/
<i>zita-convolver-devel</i>	new	1.0.0	http:// www.kokkinizita.net/ linuxaudio/
<i>znc-devel</i>	new	0.076	http://znc.sf.net/
<i>znc-extra</i>	new	0.076	http://znc.sf.net/

표 41. All Development-Libraries changes (cont'd)

패키지 변경 사항	1931
변경되지 않은 패키지	2390
전체 패키지	4321

8.4.8. 개발-파이썬

패키지	구 버전	신 버전	업스트림 URL
<i>python-qpidd</i>	0.5.752600	0.5.819819	http://qpidd.apache.org

표 42. 개발-파이썬 모든 변경 사항

패키지 변경 사항	1
변경되지 않은 패키지	0
전체 패키지	1

8.4.9. 개발-루비

패키지	구 버전	신 버전	업스트림 URL
<i>ruby-qpidd</i>	0.5.752600	0.5.819819	http://qpidd.apache.org/

표 43. 개발-루비 모든 변경 사항

패키지 변경 사항	1
변경되지 않은 패키지	0
전체 패키지	1

8.4.10. 개발-시스템

패키지	구 버전	신 버전	업스트림 URL
<i>CodeAnalyst-gui</i>	2.8.38	2.8.54	http:// developer.amd.com/ cpu/CodeAnalyst/ codeanalystlinux
<i>arm4</i>	0.8.1	0.8.2	http://www.arm4.org/
<i>blktrace</i>	1.0.0	1.0.1	http://brick.kernel.dk/ snaps
<i>brlapi-devel</i>	0.5.2	0.5.4	http://mielke.cc/brltty/
<i>brlapi-java</i>	0.5.2	0.5.4	http://mielke.cc/brltty/
<i>classads-devel</i>	1.0.1	1.0.4	http://www.cs.wisc.edu/ condor/classad/
<i>classads-static</i>	1.0.1	1.0.4	http://www.cs.wisc.edu/ condor/classad/
<i>fontpackages-devel</i>	1.20	1.28	http://fedoraproject.org/ wiki/fontpackages/
<i>fontpackages-filesystem</i>	1.20	1.28	http://fedoraproject.org/ wiki/fontpackages/
<i>freeipmi-devel</i>	0.7.8	0.7.12	http://www.gnu.org/ software/freeipmi/
<i>gsoap-devel</i>	2.7.12	2.7.13	http:// gsoap2.sourceforge.net

패키지	구 버전	신 버전	업스트림 URL
<i>kernel-firmware</i>	2.6.29.4	2.6.31.5	http://www.kernel.org/
<i>kernel-headers</i>	2.6.29.4	2.6.31.5	http://www.kernel.org/
<i>lm_sensors-devel</i>	3.1.0	3.1.1	http://www.lm-sensors.org/
<i>opensm-devel</i>	3.2.1	3.3.2	http://www.openfabrics.org/
<i>opensm-static</i>	3.2.1	3.3.2	http://www.openfabrics.org/
<i>oprofile</i>	0.9.4	0.9.5	http://oprofile.sf.net
<i>oprofile-gui</i>	0.9.4	0.9.5	http://oprofile.sf.net
<i>oprofile-jit</i>	0.9.4	0.9.5	http://oprofile.sf.net
<i>perf</i>	new	2.6.31.5	http://www.kernel.org/
<i>php-pear-PEAR-Command-Packaging</i>	0.1.2	0.2.0	http://pear.php.net/package/PEAR_Command_Packaging
<i>python-brlapi</i>	0.5.2	0.5.4	http://mielke.cc/brltty/
<i>qmf-devel</i>	0.5.752600	0.5.829175	http://qpid.apache.org
<i>qpidd-devel</i>	0.5.752600	0.5.829175	http://qpid.apache.org
<i>qpidd-devel</i>	0.5.752600	0.5.829175	http://qpid.apache.org
<i>systemtap</i>	0.9.5	1.0	http://sourceware.org/systemtap/
<i>systemtap-client</i>	0.9.5	1.0	http://sourceware.org/systemtap/
<i>systemtap-grapher</i>	new	1.0	http://sourceware.org/systemtap/
<i>systemtap-initscript</i>	0.9.5	1.0	http://sourceware.org/systemtap/
<i>systemtap-runtime</i>	0.9.5	1.0	http://sourceware.org/systemtap/
<i>systemtap-sdt-devel</i>	0.9.5	1.0	http://sourceware.org/systemtap/
<i>systemtap-server</i>	0.9.5	1.0	http://sourceware.org/systemtap/
<i>systemtap-testsuite</i>	0.9.5	1.0	http://sourceware.org/systemtap/
<i>tcl-brlapi</i>	0.5.2	0.5.4	http://mielke.cc/brltty/
<i>xorg-x11-drv-intel-devel</i>	2.7.0	2.9.1	http://www.x.org
<i>xorg-x11-drv-openchrome-devel</i>	0.2.903	0.2.904	http://www.openchrome.org
<i>xorg-x11-util-macros</i>	1.2.1	1.3.0	http://www.x.org

패키지	구 버전	신 버전	업스트림 URL
<i>ykclient-devel</i>	new	2.3	http://yubico-c-client.googlecode.com/

표 44. 개발-시스템 모든 변경 사항

패키지 변경 사항	38
변경되지 않은 패키지	15
전체 패키지	53

8.4.11. 개발-툴

패키지	구 버전	신 버전	업스트림 URL
<i>Cython</i>	0.11	0.11.3	http://www.cython.org
<i>RasmusDSP-editor</i>	new	0.1	http://sourceforge.net/projects/rasmusdsp
<i>anjuta</i>	2.26.1.0	2.28.1.0	http://www.anjuta.org/
<i>apr-api-docs</i>	1.3.3	1.3.9	http://apr.apache.org/
<i>aqute-bndlib</i>	new	0.0.363	http://www.aQute.biz/Code/Bnd
<i>archmage</i>	0.1.9	0.2.3	http://archmage.sourceforge.net/
<i>astyle</i>	1.21	1.23	http://astyle.sourceforge.net/
<i>auto-destdir</i>	new	1.11	http://www.dwheeler.com/auto-destdir
<i>autodafe</i>	new	0.1	http://autodafe.sourceforge.net/
<i>automake</i>	1.10.2	1.11	http://sources.redhat.com/automake
<i>binutils</i>	2.19.51.0.2	2.19.51.0.14	http://sources.redhat.com/binutils
<i>bmake</i>	20080515	20090222	ftp://ftp.NetBSD.org/pub/NetBSD/misc/sjg/
<i>bouml</i>	4.12.1	4.14	http://bouml.free.fr/
<i>buildbot</i>	0.7.10p1	0.7.11p3	http://buildbot.net
<i>bzr</i>	1.14	2.0.1	http://www.bazaar-vcs.org/
<i>bzr-gtk</i>	0.95.0	0.97.0	http://bazaar-vcs.org/bzr-gtk
<i>bzrtools</i>	1.14.0	2.0.1	http://bazaar-vcs.org/BzrTools

패키지	구 버전	신 버전	업스트림 URL
<i>check</i>	0.9.6	0.9.8	http:// check.sourceforge.net/
<i>clips</i>	6.24	6.30.0	http:// clipsrules.sourceforge.net
<i>clips-emacs</i>	new	6.30.0	http:// clipsrules.sourceforge.net
<i>clips-xclips</i>	6.24	6.30.0	http:// clipsrules.sourceforge.net
<i>cmake</i>	2.6.3	2.6.4	http://www.cmake.org
<i>cmake-gui</i>	2.6.3	2.6.4	http://www.cmake.org
<i>cproto</i>	4.7g	4.7h	http://invisible- island.net/
<i>ctags</i>	5.7	5.8	http:// ctags.sourceforge.net/
<i>ctags-etags</i>	5.7	5.8	http:// ctags.sourceforge.net/
<i>ctemplate</i>	0.93	0.95	http://code.google.com/ p/google-ctemplate/
<i>cxxtest</i>	new	3.10.1	http://cxxtest.tigris.org
<i>d-feet</i>	0.1.8	0.1.10	http:// hosted.fedoraproject.org/ projects/d-feet
<i>dbus-cxx-tools</i>	new	0.4.3	http://dbus- cxx.sourceforge.net/
<i>dchroot</i>	new	1.2.3	http:// packages.debian.org/ schroot
<i>devhelp</i>	0.23	2.28.1	http:// developer.imendio.com/ projects/devhelp
<i>devtodo</i>	new	0.1.20	http://swapoff.org/ DevTodo
<i>diffuse</i>	0.3.1	0.4.0	http:// diffuse.sourceforge.net/
<i>doxygen</i>	1.5.8	1.6.1	http://www.stack.nl/ ~dimitri/doxygen/ index.html
<i>dumbster</i>	new	1.6	http://quintanasoft.com/ dumbster/
<i>dumpasn1</i>	20090107	20090721	http:// www.cs.auckland.ac.nz/ ~pgut001/

패키지	구 버전	신 버전	업스트림 URL
<i>eclipse-anyedit</i>	new	2.2.0	http://andrei.gmxhome.de/anyedit/index.html
<i>eclipse-cdt</i>	5.0.2	6.0.0	http://www.eclipse.org/cdt
<i>eclipse-changelog</i>	2.6.6	2.6.7	http://sources.redhat.com/eclipse
<i>eclipse-cmakeed</i>	1.1.2	1.1.4	http://cmakeed.sourceforge.net
<i>eclipse-dltk-rse</i>	new	1.0.0	http://www.eclipse.org/dltk/
<i>eclipse-eclEmma</i>	1.3.2	1.4.2	http://www.eclEmma.org
<i>eclipse-egit</i>	0.4.0	0.5.0	http://repo.or.cz/w/egit.git
<i>eclipse-epic</i>	0.6.33	0.6.35	http://www.epic-ide.org/
<i>eclipse-linuxprofilingframework</i>	0.1.0	0.3.0	http://eclipse.org/linuxtools
<i>eclipse-moreunit</i>	1.3.2	1.3.3	http://moreunit.sourceforge.net
<i>eclipse-mylyn</i>	3.1.0	3.2.1	http://www.eclipse.org/mylyn
<i>eclipse-mylyn-java</i>	3.1.0	3.2.1	http://www.eclipse.org/mylyn
<i>eclipse-mylyn-pde</i>	3.1.0	3.2.1	http://www.eclipse.org/mylyn
<i>eclipse-mylyn-trac</i>	3.1.0	3.2.1	http://www.eclipse.org/mylyn
<i>eclipse-mylyn-webtasks</i>	3.1.0	3.2.1	http://www.eclipse.org/mylyn
<i>eclipse-mylyn-wikitext</i>	3.1.0	3.2.1	http://www.eclipse.org/mylyn
<i>eclipse-oprofile</i>	0.1.0	0.2.0	http://www.eclipse.org/linuxtools/projectPages/oprofile/
<i>eclipse-phoTran</i>	4.0.0	5.0.0	http://www.eclipse.org/phoTran
<i>eclipse-pydev</i>	1.4.4	1.4.7	http://pydev.sourceforge.net
<i>eclipse-pydev-mylyn</i>	1.4.4	1.4.7	http://pydev.sourceforge.net

패키지	구 버전	신 버전	업스트림 URL
<i>eclipse-rpm-editor</i>	0.4.2	0.4.3	http://www.eclipse.org/linuxtools/
<i>eclipse-rpmstubby</i>	0.1.1	0.3.0	http://www.eclipse.org/linuxtools/projectPages/rpmstubby/
<i>eclipse-rse</i>	new	3.1	http://www.eclipse.org/dsdp/tm/
<i>eclipse-slide</i>	1.3.9	1.3.13	http://oss.tresys.com/projects/slide
<i>eclipse-subclipse</i>	1.6.0	1.6.5	http://subclipse.tigris.org/
<i>eclipse-subclipse-graph</i>	1.6.0	1.6.5	http://subclipse.tigris.org/
<i>eclipse-svnkit</i>	1.2.3	1.3.0	http://www.svnkit.com/
<i>eclipse-testframework</i>	new	3.5.0	http://eclipse.org
<i>eclipse-valgrind</i>	0.1.0	0.3.0	http://www.eclipse.org/linuxtools/projectPages/valgrind
<i>elfutils</i>	0.140	0.143	https://fedorahosted.org/elfutils/
<i>elfutils-devel</i>	0.140	0.143	https://fedorahosted.org/elfutils/
<i>elfutils-devel-static</i>	0.140	0.143	https://fedorahosted.org/elfutils/
<i>elfutils-libelf</i>	0.140	0.143	https://fedorahosted.org/elfutils/
<i>elfutils-libelf-devel</i>	0.140	0.143	https://fedorahosted.org/elfutils/
<i>elfutils-libelf-devel-static</i>	0.140	0.143	https://fedorahosted.org/elfutils/
<i>elfutils-libs</i>	0.140	0.143	https://fedorahosted.org/elfutils/
<i>eric</i>	4.3.2	4.3.7.1	http://eric-ide.python-projects.org
<i>febootstrap</i>	new	2.5	http://et.redhat.com/~rjones/febootstrap/

패키지	구 버전	신 버전	업스트림 URL
<i>gambas2-devel</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-chart</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-compress</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-crypt</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-db</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-db-firebird</i>	new	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-db-form</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-db-mysql</i>	new	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-db-odbc</i>	new	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-db-postgresql</i>	new	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-db-sqlite3</i>	new	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-desktop</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-form</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-form-dialog</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-form-mdi</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-gtk</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-gtk-ext</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-gtk-svg</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-gui</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-image</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-info</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/

패키지	구 버전	신 버전	업스트림 URL
<i>gambas2-gb-net</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-net-curl</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-net-smtp</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-opengl</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-option</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-pcre</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-pdf</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-qt</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-qt-ext</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-qt-kde</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-qt-kde-html</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-qt-opengl</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-report</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-sdl</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-sdl-sound</i>	new	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-settings</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-v4l</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-vb</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-web</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-xml</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-gb-xml-rpc</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/

패키지	구 버전	신 버전	업스트림 URL
<i>gambas2-gb-xml-xslt</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-ide</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-runtime</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>gambas2-script</i>	2.12.0	2.17.0	http://gambas.sourceforge.net/
<i>geany</i>	0.16	0.18	http://www.geany.org/
<i>geany-devel</i>	0.16	0.18	http://www.geany.org/
<i>geany-plugins-addons</i>	new	0.18	http://plugins.geany.org/
<i>geany-plugins-common</i>	new	0.18	http://plugins.geany.org/
<i>geany-plugins-geanygdb</i>	new	0.18	http://plugins.geany.org/
<i>geany-plugins-geanylatex</i>	new	0.18	http://plugins.geany.org/
<i>geany-plugins-geanylipsum</i>	new	0.18	http://plugins.geany.org/
<i>geany-plugins-geanylua</i>	new	0.18	http://plugins.geany.org/
<i>geany-plugins-geanysendmail</i>	new	0.18	http://plugins.geany.org/
<i>geany-plugins-geanyvc</i>	new	0.18	http://plugins.geany.org/
<i>geany-plugins-shiftcolumn</i>	new	0.18	http://plugins.geany.org/
<i>geany-plugins-spellcheck</i>	new	0.18	http://plugins.geany.org/
<i>gflags</i>	1.0	1.1	http://code.google.com/p/google-gflags/
<i>gimp-devel-tools</i>	2.6.6	2.6.7	http://www.gimp.org/
<i>git</i>	1.6.2.2	1.6.5.2	http://git-scm.com/
<i>git-all</i>	1.6.2.2	1.6.5.2	http://git-scm.com/
<i>git-arch</i>	1.6.2.2	1.6.5.2	http://git-scm.com/
<i>git-cola</i>	1.3.6	1.3.9.14	http://cola.tuxfamily.org/
<i>git-cpan-patch</i>	0.1.5	0.2.1	http://search.cpan.org/dist/Git-CPAN-Patch/
<i>git-cvs</i>	1.6.2.2	1.6.5.2	http://git-scm.com/
<i>git-daemon</i>	1.6.2.2	1.6.5.2	http://git-scm.com/

패키지	구 버전	신 버전	업스트림 URL
<i>git-email</i>	1.6.2.2	1.6.5.2	http://git-scm.com/
<i>git-gui</i>	1.6.2.2	1.6.5.2	http://git-scm.com/
<i>git-svn</i>	1.6.2.2	1.6.5.2	http://git-scm.com/
<i>gitg</i>	new	0.0.5	http://trac.novovork.com/gitg
<i>gitk</i>	1.6.2.2	1.6.5.2	http://git-scm.com/
<i>gitweb</i>	1.6.2.2	1.6.5.2	http://git-scm.com/
<i>glade3</i>	3.6.1	3.6.7	http://glade.gnome.org/
<i>glibc-utils</i>	2.10.1	2.11	http://sources.redhat.com/glibc/
<i>global</i>	5.7.3	5.7.5	http://www.gnu.org/software/global
<i>gnome-common</i>	2.26.0	2.28.0	http://developer.gnome.org
<i>gnome-doc-utils</i>	0.16.1	0.18.0	http://www.gnome.org/
<i>gnome-doc-utils-stylesheets</i>	0.16.1	0.18.0	http://www.gnome.org/
<i>gnustep-make</i>	2.0.8	2.2.0	http://www.gnustep.org/
<i>gob2</i>	2.0.15	2.0.16	http://www.5z.com/jirka/gob.html
<i>google-perftools</i>	0.99.1	1.4	http://code.google.com/p/google-perftools/
<i>gpxe-bootimgs</i>	new	0.9.7	http://etherboot.org/
<i>gpxe-roms</i>	new	0.9.7	http://etherboot.org/
<i>gpxe-roms-qemu</i>	new	0.9.7	http://etherboot.org/
<i>grfcodec</i>	new	0.9.11	http://www.ttdpatch.net/grfcodec/
<i>gsoap</i>	2.7.12	2.7.13	http://gsoap2.sourceforge.net
<i>gtest</i>	1.0.0	1.3.0	http://code.google.com/p/googletest/
<i>gtranslator</i>	1.1.7	1.9.6	http://gtranslator.sourceforge.net
<i>guestfish</i>	new	1.0.75	http://libguestfs.org/
<i>guilt</i>	0.32	0.32.1	http://www.kernel.org/pub/linux/kernel/people/jsipek/guilt/
<i>gxemul</i>	0.4.6.6	0.4.7.2	http://gxemul.sourceforge.net/

패키지	구 버전	신 버전	업스트림 URL
<i>happy</i>	1.18.2	1.18.4	http://haskell.org/happy/
<i>highlight</i>	2.8	2.13	http://www.andre-simon.de/
<i>highlight-gui</i>	2.8	2.13	http://www.andre-simon.de/
<i>hscolor</i>	1.12	1.15	http://www.cs.york.ac.uk/fp/darcs/hscolor/
<i>html-xml-utils</i>	3.7	5.5	http://www.w3.org/Tools/HTML-XML-utils/
<i>icecream</i>	0.9.3	0.9.4	http://en.opensuse.org/Icecream
<i>icu</i>	4.0.1	4.2.1	http://www.icu-project.org/
<i>intel-gpu-tools</i>	2.7.0	2.9.1	http://www.x.org
<i>intltool</i>	0.40.6	0.41.0	http://www.gnome.org
<i>jsl</i>	new	0.3.0	http://javascriptlint.com/
<i>kdesvn</i>	1.2.4	1.4.1	http://kdesvn.alwings-world.de/
<i>lcov</i>	1.6	1.7	http://ltp.sourceforge.net/coverage/lcov.php
<i>lemon</i>	3.6.12	3.6.17	http://www.sqlite.org/
<i>mapnik-devel</i>	0.5.2	0.6.1	http://mapnik.org/
<i>mapserver</i>	5.2.1	5.4.2	http://mapserver.gis.umn.edu
<i>mash</i>	0.5.3	0.5.8	http://fedorahosted.org/releases/m/a/mash/
<i>maven-doxia-sitetools</i>	new	1.0	http://maven.apache.org/doxia/
<i>maven-scm-test</i>	1.0	1.2	http://maven.apache.org/scm
<i>maven2-plugin-shade</i>	new	1.0	http://maven.apache.org/
<i>mediawiki</i>	1.14.0	1.15.1	http://www.mediawiki.org/
<i>mediawiki-math</i>	1.14.0	1.15.1	http://www.mediawiki.org/
<i>mediawiki-nomath</i>	1.14.0	1.15.1	http://www.mediawiki.org/

패키지	구 버전	신 버전	업스트림 URL
<i>meld</i>	1.2.1	1.3.0	http:// meld.sourceforge.net/
<i>mercurial</i>	1.2.1	1.3.1	http://www.selenic.com/ mercurial/
<i>mercurial-hgk</i>	1.2.1	1.3.1	http://www.selenic.com/ mercurial/
<i>mk-files</i>	20070430	20081111	ftp://ftp.NetBSD.org/ pub/NetBSD/misc/sjg/
<i>mkdst</i>	0.11	0.12	https://launchpad.net/ mkdst/
<i>mock</i>	0.9.16	0.9.19	http://fedoraproject.org/ wiki/Projects/Mock
<i>mono-debugger</i>	2.4	2.4.2.1	http://www.go- mono.com/sources- stable/
<i>mono-tools</i>	2.4	2.4.2	http:// mono.ximian.com/ monobuild/preview/ sources-preview/
<i>monodevelop</i>	2.0	2.1.0	http:// monodevelop.com/
<i>monodevelop-debugger-mdb</i>	new	2.1.0	http:// www.monodevelop.com
<i>monotone</i>	0.43	0.45	http://monotone.ca/
<i>monotone-server</i>	0.43	0.45	http://monotone.ca/
<i>misp430-binutils</i>	2.19	2.19.1	http://www.gnu.org/ software/binutils/
<i>nasm-rdoff</i>	2.05.01	2.07	http:// nasm.sourceforge.net/
<i>netbeans</i>	6.5	6.7.1	http:// www.netbeans.org
<i>netbeans-apisupport1</i>	6.5	6.7.1	http:// www.netbeans.org
<i>netbeans-ide11</i>	new	6.7.1	http:// www.netbeans.org
<i>netbeans-java2</i>	6.5	6.7.1	http:// www.netbeans.org
<i>nwsclient</i>	1.6.3	1.6.4	http://nws- py.sourceforge.net/

표 45. 개발-툴 모든 변경 사항

패키지	구 버전	신 버전	업스트림 URL
<i>nwsserver</i>	1.5.2	2.0.0	http://www.lindaspaces.com/products/NWS_overview.html
<i>opengrok</i>	0.7	0.8	http://www.opensolaris.org/os/project/opengrok/
<i>openocd</i>	new	0.2.0	http://openocd.berlios.de/web/
<i>pcsc-tools</i>	1.4.14	1.4.15	http://ludovic.rousseau.free.fr/software/pcsc-tools/
<i>perl-Monotone</i>	0.43	0.45	http://monotone.ca/
<i>perl-Sys-Virt-TCK</i>	new	0.1.0	http://libvirt.org/
<i>perltidy</i>	20071205	20090616	http://perltidy.sourceforge.net/
<i>pgfouine</i>	1.0	1.1	http://pgfouine.projects.postgresql.org
<i>php-pear-PHP-CodeSniffer</i>	1.1.0	1.2.0	http://pear.php.net/package/PHP_CodeSniffer
<i>phpcs</i>	1.1.0	1.2.0	http://pear.php.net/package/PHP_CodeSniffer
<i>phpdoc</i>	1.4.2	1.4.3	http://www.phpdoc.org/
<i>plexus-mail-sender</i>	new	1.0	http://plexus.codehaus.org/
<i>plexus-naming</i>	new	1.0	http://plexus.codehaus.org/
<i>plexus-registry</i>	new	1.0	http://plexus.codehaus.org/
<i>plexus-resources</i>	new	1.0	http://plexus.codehaus.org/
<i>proguard</i>	new	4.4	http://proguard.sourceforge.net
<i>pungi</i>	2.0.16	2.0.20	https://fedorahosted.org/pungi
<i>python-cerealizer</i>	0.6	0.7	http://home.gna.org/oomadness/en/cerealizer/index.html
<i>python-sphinx</i>	0.5.1	0.6.3	http://sphinx.pocoo.org/
<i>python-tools</i>	2.6	2.6.2	http://www.python.org/

패키지	구 버전	신 버전	업스트림 URL
<i>qemu</i>	0.10	0.11.0	http://www.qemu.org/
<i>qemu-common</i>	0.10	0.11.0	http://www.qemu.org/
<i>qemu-img</i>	0.10	0.11.0	http://www.qemu.org/
<i>qemu-kvm</i>	0.10	0.11.0	http://www.qemu.org/
<i>qemu-kvm-tools</i>	0.10	0.11.0	http://www.qemu.org/
<i>qemu-system-arm</i>	0.10	0.11.0	http://www.qemu.org/
<i>qemu-system-cris</i>	0.10	0.11.0	http://www.qemu.org/
<i>qemu-system-m68k</i>	0.10	0.11.0	http://www.qemu.org/
<i>qemu-system-mips</i>	0.10	0.11.0	http://www.qemu.org/
<i>qemu-system-ppc</i>	0.10	0.11.0	http://www.qemu.org/
<i>qemu-system-sh4</i>	0.10	0.11.0	http://www.qemu.org/
<i>qemu-system-sparc</i>	0.10	0.11.0	http://www.qemu.org/
<i>qemu-system-x86</i>	0.10	0.11.0	http://www.qemu.org/
<i>qemu-user</i>	0.10	0.11.0	http://www.qemu.org/
<i>qgit</i>	2.2	2.3	http://digilander.libero.it/mcostalba/
<i>qscintilla</i>	2.3.2	2.4	http://www.riverbankcomputing.com/software/qscintilla/
<i>qt-creator</i>	1.0.0	1.2.90	http://www.qtsoftware.com/developer/qt-creator
<i>ragel</i>	6.3	6.5	http://www.complang.org/ragel/
<i>rapidsvn</i>	0.9.6	0.10.0	http://www.rapidsvn.org/
<i>rmanage</i>	0.1.6	0.1.7	http://code.google.com/p/rmanage/
<i>rpm-build</i>	4.7.0	4.7.1	http://www.rpm.org/
<i>rpmdevtools</i>	7.1	7.5	https://fedorahosted.org/rpmdevtools/
<i>rpmlint</i>	0.87	0.91	http://rpmlint.zarb.org/
<i>schroot</i>	new	1.2.3	http://packages.debian.org/schroot
<i>scribus-doc</i>	1.3.5	1.3.5.1	http://www.scribus.net/
<i>shortrpm</i>	new	1.2	http://v3.sk/~lkundrak/shortrpm

패키지	구 버전	신 버전	업스트림 URL
<i>siege</i>	2.67	2.69	http://www.joedog.org/JoeDog/Siege
<i>sip</i>	4.7.9	4.8.2	http://www.riverbankcomputing.com/software/sip/intro
<i>sparse</i>	0.4.1	0.4.2	http://www.kernel.org/pub/software/devel/sparse/
<i>squirrel</i>	2.2.2	2.2.3	http://squirrel-lang.org/
<i>srecord</i>	1.47	1.51	http://srecord.sourceforge.net/
<i>subcommander</i>	1.9.94	2.0	http://subcommander.tigris.org
<i>subversion</i>	1.6.1	1.6.5	http://subversion.tigris.org/
<i>subversion-api-docs</i>	1.6.0	1.6.5	http://subversion.tigris.org/
<i>subversion-devel</i>	1.6.1	1.6.5	http://subversion.tigris.org/
<i>subversion-gnome</i>	new	1.6.5	http://subversion.tigris.org/
<i>subversion-kde</i>	new	1.6.5	http://subversion.tigris.org/
<i>svn2cl</i>	0.11	dropped	http://ch.tudelft.nl/~arthur/svn2cl/
<i>svnkit</i>	1.2.3	1.3.0	http://www.svnkit.com/
<i>swig</i>	1.3.39	1.3.40	http://swig.sourceforge.net/
<i>swig-doc</i>	1.3.39	1.3.40	http://swig.sourceforge.net/
<i>synopsis</i>	0.11	0.12	http://synopsis.fresco.org
<i>synopsis-idl</i>	0.11	0.12	http://synopsis.fresco.org
<i>systemtapguiserver</i>	new	1.0	http://stapgui.sourceforge.net/
<i>translate-toolkit</i>	1.3.0	1.4.1	http://translate.sourceforge.net/wiki/toolkit/index
<i>translate-toolkit-devel</i>	1.3.0	1.4.1	http://translate.sourceforge.net/wiki/toolkit/index

패키지	구 버전	신 버전	업스트림 URL
<i>uncrustify</i>	0.52	0.54	http://uncrustify.sourceforge.net/
<i>valide</i>	new	0.5.1	http://www.valaide.org
<i>viewvc</i>	1.1.0	1.1.2	http://www.viewvc.org/
<i>viewvc-httpd</i>	1.1.0	1.1.2	http://www.viewvc.org/
<i>virt-df</i>	2.1.5	dropped	http://et.redhat.com/~rjones/virt-df/
<i>virtaal</i>	0.3.1	0.4.1	http://translate.sourceforge.net/wiki/virtaal/index
<i>waf</i>	1.5.4	1.5.9	http://code.google.com/p/waf/
<i>xfce4-dev-tools</i>	4.5.99.1	4.7.2	http://xfce.org/~benny/projects/xfce4-dev-tools/
<i>xsd</i>	new	3.2.0	http://www.codesynthesis.com/products/xsd/
<i>yum-presto</i>	0.4.5	0.6.1	http://www.lesbg.com/jdieter/presto/
<i>yum-utils</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>z88dk</i>	1.8	1.9	http://z88dk.sourceforge.net/

표 46. All Development-Tools changes (cont'd)

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8.4.12. 개발(Development)

패키지	구 버전	신 버전	업스트림 URL
<i>amqp</i>	1.0.752600	1.0.819819	http://www.amqp.org
<i>libsmbclient-devel</i>	3.3.2	3.4.2	http://www.samba.org/
<i>samba-winbind-devel</i>	3.3.2	3.4.2	http://www.samba.org/

표 47. 개발 모든 변경 사항

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변경되지 않은 패키지	0
전체 패키지	3

8.5. 문서

패키지	구 버전	신 버전	업스트림 URL
<i>389-admin-console-doc</i>	new	1.1.4	http://port389.org
<i>389-ds-console-doc</i>	new	1.2.0	http://port389.org
<i>CCfits-docs</i>	2.1	2.2	http://heasarc.gsfc.nasa.gov/docs/software/fitsio/ccfits
<i>CGAL-demos-source</i>	3.3.1	3.5	http://www.cgal.org/
<i>Django-doc</i>	1.0.2	1.1	http://www.djangoproject.com/
<i>GMT-doc</i>	4.4.0	4.5.1	http://gmt.soest.hawaii.edu/
<i>GtkAda-doc</i>	2.10.2	2.14.0	https://libre.adacore.com/GtkAda/
<i>ImageMagick-doc</i>	6.5.1.2	6.5.4.7	http://www.imagemagick.org/
<i>LuxRender-devel-docs</i>	new	0.5	http://www.luxrender.net
<i>MiniCopier-javadoc</i>	new	0.4	http://a.courreges.free.fr/projets/minicopier/minicopier-en.php
<i>PgsLookAndFeel-javadoc</i>	new	1.1	https://pgslookandfeel.dev.java.net/
<i>Pixie-docs</i>	2.2.5	2.2.6	http://www.renderpixie.com/
<i>RasmusDSP-javadoc</i>	new	0.1	http://sourceforge.net/projects/rasmusdsp
<i>SevenZip-javadoc</i>	new	4.65	http://www.7-zip.org/sdk.html
<i>anjuta-doc</i>	2.26.1.0	2.28.1.0	http://www.anjuta.org/
<i>aqute-bndlib-javadoc</i>	new	0.0.363	http://www.aQute.biz/Code/Bnd
<i>autodafe-doc</i>	new	0.1	http://autodafe.sourceforge.net/
<i>backport-util-concurrent-javadoc</i>	new	3.1	http://backport-jsr166.sourceforge.net
<i>bacula-docs</i>	2.4.4	3.0.2	http://www.bacula.org
<i>bes-doc</i>	3.6.2	3.7.2	http://www.opendap.org/download/BES.html

패키지	구 버전	신 버전	업스트림 URL
<i>boinc-client-doc</i>	6.4.7	6.6.37	http://boinc.berkeley.edu/
<i>boost-doc</i>	1.37.0	1.39.0	http://www.boost.org/
<i>bouncycastle-tsp-javadoc</i>	new	1.43	http://www.bouncycastle.org/
<i>bugzilla-doc</i>	3.2.3	3.4.2	http://www.bugzilla.org/
<i>cim-schema-docs</i>	new	2.22.0	http://www.dmtf.org/
<i>clips-doc</i>	6.24	6.30.0	http://clipsrules.sourceforge.net
<i>clipsmm-doc</i>	new	0.1.0	http://clipsmm.sourceforge.net
<i>clutter-doc</i>	0.8.6	1.0.6	http://www.clutter-project.org/
<i>cobertura-javadoc</i>	new	1.9	http://cobertura.sourceforge.net/
<i>colossus-javadoc</i>	new	0.9.3	http://colossus.sourceforge.net/
<i>cone-doc</i>	0.75	0.78	http://www.courier-mta.org/cone/
<i>conexus-doc</i>	new	0.9.0	http://conexus.sourceforge.net
<i>cpptasks-javadoc</i>	new	1.0b5	http://ant-contrib.sourceforge.net/
<i>csound-javadoc</i>	5.03.0	5.10.1	http://csound.sourceforge.net/
<i>csound-manual</i>	5.03.0	5.10.1	http://csound.sourceforge.net/
<i>cxctest-doc</i>	new	3.10.1	http://cxctest.tigris.org
<i>dbus-cxx-doc</i>	new	0.4.3	http://dbus-cxx.sourceforge.net/
<i>dbus-doc</i>	1.2.12	1.2.16	http://www.freedesktop.org/software/dbus/
<i>dnsjava-javadoc</i>	new	2.0.6	http://www.dnsjava.org/
<i>dumbster-javadoc</i>	new	1.6	http://quintanasoft.com/dumbster/
<i>easymock-javadoc</i>	new	1.2	http://www.easymock.org/
<i>easymock2-javadoc</i>	new	2.5	http://easymock.org/
<i>electric-javadoc</i>	8.08	8.09	http://www.staticfreesoft.com/

패키지	구 버전	신 버전	업스트림 URL
<i>entertainer-doc</i>	new	0.4.2	https://launchpad.net/entertainer
<i>fedora-security-guide-en-US</i>	new	1.0	http://docs.fedoraproject.org
<i>findbugs-contrib-javadoc</i>	new	4.0.0	http://fb-contrib.sourceforge.net/
<i>fpc-doc</i>	2.2.2	2.2.4	http://www.freepascal.org/
<i>freecol-manual</i>	0.8.1	0.8.3	http://www.freecol.org/
<i>frinika-javadoc</i>	new	0.5.1	http://frinika.appspot.com/
<i>ftgl-docs</i>	2.1.2	2.1.3	http://ftgl.wiki.sourceforge.net/
<i>ghostscript-doc</i>	8.64	8.70	http://www.ghostscript.com/
<i>glibmm24-doc</i>	2.20.0	2.22.1	http://gtkmm.sourceforge.net/
<i>globus-callout-doc</i>	new	0.7	http://www.globus.org/
<i>globus-ftp-client-doc</i>	new	3.14	http://www.globus.org/
<i>globus-ftp-control-doc</i>	new	2.10	http://www.globus.org/
<i>globus-gass-copy-doc</i>	new	4.14	http://www.globus.org/
<i>globus-gass-transfer-doc</i>	new	3.4	http://www.globus.org/
<i>globus-gsi-callback-doc</i>	new	1.10	http://www.globus.org/
<i>globus-gsi-cert-utils-doc</i>	new	5.5	http://www.globus.org/
<i>globus-gsi-credential-doc</i>	new	2.2	http://www.globus.org/
<i>globus-gsi-openssl-error-doc</i>	new	0.14	http://www.globus.org/
<i>globus-gsi-proxy-core-doc</i>	new	3.4	http://www.globus.org/
<i>globus-gsi-proxy-ssl-doc</i>	new	1.5	http://www.globus.org/
<i>globus-gsi-sysconfig-doc</i>	new	2.2	http://www.globus.org/
<i>globus-gss-assist-doc</i>	new	4.0	http://www.globus.org/
<i>globus-gssapi-error-doc</i>	new	2.5	http://www.globus.org/
<i>globus-gssapi-gsi-doc</i>	new	5.9	http://www.globus.org/
<i>globus-openssl-module-doc</i>	new	0.6	http://www.globus.org/

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<i>globus-rls-client-doc</i>	new	5.1	http://www.globus.org/
<i>globus-xio-doc</i>	new	2.8	http://www.globus.org/
<i>globus-xio-gsi-driver-doc</i>	new	0.6	http://www.globus.org/
<i>glpk-doc</i>	4.36	4.39	http://www.gnu.org/software/glpk/glpk.html
<i>gnome-user-docs</i>	2.26.1	2.28.0	n/a
<i>gnustep-make-doc</i>	2.0.8	2.2.0	http://www.gnustep.org/
<i>gstreamer-java-javadoc</i>	1.0	1.2	http://code.google.com/p/gstreamer-java/
<i>gtk-sharp2-doc</i>	2.12.7	2.12.9	http://gtk-sharp.sf.net
<i>gtkmm-utils-doc</i>	new	0.4.1	http://code.google.com/p/gtkmm-utils/
<i>gtkmm-utils-example</i>	new	0.4.1	http://code.google.com/p/gtkmm-utils/
<i>gtkmm24-docs</i>	2.16.0	2.18.1	http://gtkmm.sourceforge.net/
<i>gtksourcecompletion-doc</i>	0.5.2	0.7.0	http://gtksourcecomple.sourceforge.net/
<i>gutenprint-doc</i>	new	5.2.4	http://gimp-print.sourceforge.net/
<i>hamlib-doc</i>	1.2.8	1.2.9	http://hamlib.sourceforge.net
<i>httpd-manual</i>	2.2.11	2.2.13	http://httpd.apache.org/
<i>ini4j-javadoc</i>	0.3.2	0.4.1	http://www.ini4j.org/
<i>itext-javadoc</i>	2.1.5	2.1.7	http://www.lowagie.com/iText/
<i>jVorbisEnc-javadoc</i>	new	0.1	http://zbigniew.sudnik.org/app/vorbis/vorbis.html
<i>jakarta-commons-compress-javadoc</i>	0	1.0	http://commons.apache.org/compress/
<i>jakarta-commons-configuration-javadoc</i>	new	1.4	http://commons.apache.org/configuration/
<i>jakarta-commons-io-javadoc</i>	1.3.2	1.4	http://commons.apache.org/io/
<i>jakarta-commons-jxpath-javadoc</i>	new	1.2	http://jakarta.apache.org/commons/jxpath/

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<i>jakarta-commons-net-javadoc</i>	1.4.1	2.0	http://commons.apache.org/net/
<i>jargs-javadoc</i>	new	1.0	http://jargs.sourceforge.net/
<i>javanotes</i>	new	5.1	http://math.hws.edu/javanotes/
<i>jasqlite-javadoc</i>	20090409	20090430	http://www.ch-werner.de/jasqlite/
<i>jemmy-javadoc</i>	new	2.3.0.0	https://jemmy.dev.java.net
<i>jetty-javadoc</i>	5.1.14	6.1.20	http://jetty.mortbay.org/jetty/
<i>jetty-manual</i>	5.1.14	6.1.20	http://jetty.mortbay.org/jetty/
<i>jide-oss-doc</i>	new	2.7.1	https://jide-oss.dev.java.net/
<i>jide-oss-javadoc</i>	new	2.7.1	https://jide-oss.dev.java.net/
<i>jjack-javadoc</i>	new	0.3	http://jjack.berlios.de/
<i>jorbis-javadoc</i>	new	0.0.17	http://www.jcraft.com/jorbis/index.html
<i>json-javadoc</i>	new	3	http://www.json.org/java/index.html
<i>jss-javadoc</i>	new	4.2.6	http://www.mozilla.org/projects/security/pki/jss/
<i>kannel-docs</i>	new	1.4.3	http://www.kannel.org/
<i>kaya-doc</i>	0.5.1	0.5.2	http://kayalang.org
<i>kicad-doc-de</i>	new	2009.07.07	http://www.lis.inpg.fr/realise_au_lis/kicad/
<i>kicad-doc-es</i>	new	2009.07.07	http://www.lis.inpg.fr/realise_au_lis/kicad/
<i>kicad-doc-fr</i>	new	2009.07.07	http://www.lis.inpg.fr/realise_au_lis/kicad/
<i>kicad-doc-hu</i>	new	2009.07.07	http://www.lis.inpg.fr/realise_au_lis/kicad/
<i>kicad-doc-it</i>	new	2009.07.07	http://www.lis.inpg.fr/realise_au_lis/kicad/
<i>kicad-doc-pt</i>	new	2009.07.07	http://www.lis.inpg.fr/realise_au_lis/kicad/
<i>kicad-doc-ru</i>	new	2009.07.07	http://www.lis.inpg.fr/realise_au_lis/kicad/

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<i>kicad-doc-zh_CN</i>	new	2009.07.07	http://www.lis.inpg.fr/realise_au_lis/kicad/
<i>l2fprod-common-javadoc</i>	new	7.3	http://www.l2fprod.com/common/
<i>ldd-pdf</i>	new	3.0	http://lwn.net/Kernel/LDD3/
<i>libdap-doc</i>	3.8.2	3.9.3	http://www.opendap.org/
<i>libdc1394-docs</i>	2.1.0	2.1.2	http://sourceforge.net/projects/libdc1394/
<i>libgpod-doc</i>	0.7.0	0.7.2	http://www.gtkpod.org/libgpod.html
<i>libicu-doc</i>	4.0.1	4.2.1	http://www.icu-project.org/
<i>libinfinity-doc</i>	new	0.3.0	http://gobby.0x539.de/trac/wiki/Infinote/Libinfinity
<i>libkate-docs</i>	new	0.3.6	http://code.google.com/p/libkate/
<i>libmicrohttpd-doc</i>	0.4.0a	0.4.2	http://www.gnu.org/software/libmicrohttpd/
<i>libpst-devel-doc</i>	0.6.36	0.6.44	http://www.five-ten-sg.com/libpst/
<i>libpst-doc</i>	0.6.36	0.6.44	http://www.five-ten-sg.com/libpst/
<i>libsigc++20-doc</i>	new	2.2.4.2	http://libsigc.sourceforge.net/
<i>libsilc-doc</i>	1.1.8	1.1.10	http://www.silcnet.org/
<i>libxcb-doc</i>	1.2	1.4	http://xcb.freedesktop.org/
<i>libxdg-basedir-doc</i>	new	1.0.2	http://n.ethz.ch/student/nevillm/download/libxdg-basedir
<i>lirc-doc</i>	0.8.5	0.8.6	http://www.lirc.org/
<i>loki-lib-doc</i>	0.1.6	0.1.7	http://sourceforge.net/projects/loki-lib
<i>magic-doc</i>	7.5.169	8.0.54	http://opencircuitdesign.com/magic/index.html
<i>man-pages</i>	3.19	3.22	http://www.kernel.org/pub/linux/docs/manpages/

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<i>man-pages-cs</i>	0.17.20080113	0.18.20090209	http://sweb.cz/tropikhajma/man-pages-cs/index.html
<i>man-pages-ja</i>	20090215	20090715	http://www.linux.or.jp/JM/
<i>maven-archiver-javadoc</i>	new	2.2	http://maven.apache.org/
<i>maven-doxia-sitetools-javadoc</i>	new	1.0	http://maven.apache.org/doxia/
<i>maven-embedder-javadoc</i>	new	2.0.4	http://maven.apache.org/
<i>maven-enforcer-rule-api-javadoc</i>	new	1.0	http://svn.apache.org/repos/asf/maven/shared/tags/maven-enforcer-rule-api-1.0-alpha-2
<i>maven-plugin-tools-javadoc</i>	new	2.1	http://maven.apache.org/plugin-tools/
<i>maven-scm-javadoc</i>	1.0	1.2	http://maven.apache.org/scm
<i>maven-shared-javadoc</i>	new	8	http://maven.apache.org/shared/
<i>maven2-plugin-shade-javadoc</i>	new	1.0	http://maven.apache.org/
<i>mono-tools-monodoc</i>	2.4	2.4.2	http://mono.ximian.com/monobuild/preview/sources-preview/
<i>mono-zeroconf-devel</i>	0.7.6	0.9.0	http://banshee-project.org/files/mono-zeroconf
<i>monodoc</i>	2.4	2.4.2.3	http://www.mono-project.com/Main_Page
<i>monodoc-devel</i>	2.4	2.4.2.3	http://www.mono-project.com/Main_Page
<i>mrpt-doc</i>	0.6.5	0.7.1	http://babel.isa.uma.es/mrpt/
<i>netbeans-platform-javadoc</i>	6.5	6.7.1	http://platform.netbeans.org
<i>ngspice-doc</i>	18	19	http://ngspice.sourceforge.net/

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<i>ntp-doc</i>	new	4.2.4p7	http://www.ntp.org
<i>octave-doc</i>	new	3.2.3	http://www.octave.org
<i>ogre-devel-doc</i>	1.6.1	1.6.4	http://www.ogre3d.org/
<i>opengrok-javadoc</i>	0.7	0.8	http://www.opensolaris.org/os/project/opengrok/
<i>openoffice.org-sdk-doc</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>openscada-doc</i>	new	0.6.4	http://oscada.org.ua
<i>openttd-docs</i>	new	0.7.3	http://www.openttd.org
<i>openvrl-doc</i>	new	0.18.3	http://openvrl.org
<i>orsa-common</i>	new	0.7.0	http://orsa.sourceforge.net
<i>papyrus-doc</i>	new	0.12.1	http://libpapyrus.sourceforge.net/
<i>parrot-docs</i>	new	1.6.0	http://www.parrot.org/
<i>php-manual-en</i>	20090213	20090619	http://www.php.net/download-docs.php
<i>php-pear-PhpDocumentor-docs</i>	1.4.2	1.4.3	http://www.phpdoc.org/
<i>plexus-classworlds-javadoc</i>	new	1.2	http://plexus.codehaus.org/
<i>plexus-cli-javadoc</i>	new	1.2	http://plexus.codehaus.org/
<i>plexus-containers-component-annotations</i>	new	1.0	http://plexus.codehaus.org/
<i>plexus-containers-component-annotations-javadoc</i>	new	1.0	http://plexus.codehaus.org/
<i>plexus-containers-container-default</i>	new	1.0	http://plexus.codehaus.org/
<i>plexus-containers-container-default-javadoc</i>	new	1.0	http://plexus.codehaus.org/
<i>plexus-digest-javadoc</i>	new	1.0	http://plexus.codehaus.org/
<i>plexus-mail-sender-javadoc</i>	new	1.0	http://plexus.codehaus.org/
<i>plexus-naming-javadoc</i>	new	1.0	http://plexus.codehaus.org/
<i>plexus-registry-javadoc</i>	new	1.0	http://plexus.codehaus.org/

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<i>plexus-resources-javadoc</i>	new	1.0	http://plexus.codehaus.org/
<i>plexus-utils-javadoc</i>	1.2	1.4.5	http://plexus.codehaus.org/
<i>pod sleuth-devel</i>	0.6.3	0.6.4	http://banshee-project.org/PodSleuth
<i>potrace-doc</i>	new	1.8	http://potrace.sourceforge.net
<i>ppl-docs</i>	0.10.1	0.10.2	http://www.cs.unipr.it/ppl/
<i>ppl-java-javadoc</i>	0.10.1	0.10.2	http://www.cs.unipr.it/ppl/
<i>ppl-pwl-docs</i>	0.10.1	0.10.2	http://www.cs.unipr.it/ppl/
<i>proguard-manual</i>	new	4.4	http://proguard.sourceforge.net
<i>publican-doc</i>	0.44	1.1	https://publican.fedorahosted.org
<i>python-docs</i>	2.6	2.6.2	http://www.python.org/
<i>python-kiwi-docs</i>	1.9.23	1.9.25	http://www.async.com.br/projects/kiwi/
<i>python-psycopg2-doc</i>	2.0.9	2.0.13	http://www.initd.org/software/initd/psycopg
<i>python-repoze-what-docs</i>	new	1.0.8	http://pypi.python.org/pypi/repoze.what
<i>python-simpy-doc</i>	2.0	2.0.1	http://simpy.sourceforge.net
<i>python-sphinx-doc</i>	0.5.1	0.6.3	http://sphinx.pocoo.org/
<i>python-werkzeug-doc</i>	new	0.5.1	http://werkzeug.pocoo.org/
<i>qpidc-devel-docs</i>	0.5.752600	0.5.829175	http://qpid.apache.org
<i>qt-demos</i>	new	4.5.3	http://www.qtsoftware.com/
<i>qt-doc</i>	4.5.0	4.5.3	http://www.qtsoftware.com/
<i>qt-examples</i>	new	4.5.3	http://www.qtsoftware.com/
<i>rmol-doc</i>	0.19.0	0.23.0	http://rmol.sourceforge.net
<i>rpm-apidocs</i>	4.7.0	4.7.1	http://www.rpm.org/

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<i>rrdtool-doc</i>	1.3.7	1.3.8	http://oss.oetiker.ch/rrdtool/
<i>ruby-RMagick-doc</i>	2.9.1	2.12.2	http://rmagick.rubyforge.org/
<i>ruby-aws-doc</i>	0.5.1	0.7.0	http://www.caliban.org/ruby/ruby-aws/
<i>ruby-docs</i>	1.8.6.287	1.8.6.383	http://www.ruby-lang.org/
<i>ruby-openid-doc</i>	2.1.4	2.1.7	http://openidenabled.com/ruby-openid/
<i>ruby-ri</i>	1.8.6.287	1.8.6.383	http://www.ruby-lang.org/
<i>rubygem-allison-doc</i>	new	2.0.3	http://github.com/fauna/allison/tree/master
<i>rubygem-ferret-doc</i>	new	0.11.6	http://rubyforge.org/projects/ferret/
<i>rubygem-flexmock-doc</i>	new	0.8.6	http://flexmock.rubyforge.org
<i>rubygem-gettext-doc</i>	2.0.0	2.0.4	http://www.yotabanana.com/hiki/ruby-gettext.html?ruby-gettext
<i>rubygem-gettext_activerecord-doc</i>	new	2.0.4	http://www.yotabanana.com/hiki/ruby-gettext-rails.html
<i>rubygem-gettext_rails-doc</i>	new	2.0.4	http://www.yotabanana.com/hiki/ruby-gettext-rails.html
<i>rubygem-json-doc</i>	new	1.1.7	http://json.rubyforge.org
<i>rubygem-locale-doc</i>	2.0.0	2.0.4	http://locale.rubyforge.org/
<i>rubygem-locale_rails-doc</i>	new	2.0.4	http://www.yotabanana.com/hiki/ruby-locale-rails.html
<i>rubygem-mechanize-doc</i>	0.9.2	0.9.3	http://mechanize.rubyforge.org/
<i>rubygem-mkrf-doc</i>	new	0.2.3	http://mkrf.rubyforge.org/

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<i>rubygem-nokogiri-doc</i>	1.2.3	1.3.3	http://nokogiri.rubyforge.org/nokogiri/
<i>rubygem-rake-compiler-doc</i>	new	0.6.0	http://rake-compiler.rubyforge.org/
<i>rubygem-ruby-opengl-doc</i>	new	0.60.1	http://ruby-opengl.rubyforge.org/
<i>samba-doc</i>	3.3.2	3.4.2	http://www.samba.org/
<i>saxpath-javadoc</i>	new	1.0	http://sourceforge.net/projects/saxpath/
<i>scala-apidoc</i>	2.7.3	2.7.5	http://www.scala-lang.org/
<i>scidavis-manual</i>	0.2.1	0.2.3	http://scidavis.sourceforge.net/
<i>scim-doc</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>soci-doc</i>	new	3.0.0	http://soci.sourceforge.net
<i>speech-dispatcher-doc</i>	0.6.6	0.6.7	http://www.freebsoft.org/pub/projects/speechd/

표 48. 문서 모든 변경 사항

패키지	구 버전	신 버전	업스트림 URL
<i>sqlite-doc</i>	new	3.6.17	http://www.sqlite.org/
<i>stxxl-doc</i>	new	1.2.1	http://stxxl.sourceforge.net
<i>suitesparse-doc</i>	new	3.4.0	http://www.cise.ufl.edu/research/sparse/SuiteSparse
<i>synopsis-doc</i>	0.11	0.12	http://synopsis.fresco.org
<i>system-config-date-docs</i>	1.0.7	1.0.8	https://fedorahosted.org/system-config-date-docs
<i>system-config-nfs-docs</i>	1.0.6	1.0.7	https://fedorahosted.org/system-config-nfs-docs
<i>system-config-samba-docs</i>	1.0.6	1.0.7	https://fedorahosted.org/system-config-samba-docs
<i>system-config-services-docs</i>	1.1.6	1.1.7	https://fedorahosted.org/

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			system-config-services-docs
<i>system-config-users-docs</i>	1.0.6	1.0.7	https://fedorahosted.org/system-config-users-docs
<i>tachyon-docs</i>	0.98.1	0.98.7	http://jedi.ks.uiuc.edu/~johns/raytracer/
<i>taglib-doc</i>	new	1.6	http://developer.kde.org/~wheeler/taglib.html
<i>tcl-html</i>	8.5.6	8.5.7	http://tcl.sourceforge.net/
<i>testdisk-doc</i>	6.10	6.11	http://www.cgsecurity.org/wiki/TestDisk
<i>toot2-javadoc</i>	new	3	http://toot.org.uk/index.html
<i>tootudioservers-javadoc</i>	new	3	http://code.google.com/p/tootudioservers/
<i>triton-us-javadoc</i>	new	0.3.7	http://www.triton-us.org/
<i>ucommon-doc</i>	new	2.0.5	http://www.gnu.org/software/commoncpp
<i>vala-doc</i>	0.5.7	0.7.5	http://live.gnome.org/Vala
<i>vidalia-doc</i>	new	0.1.15	https://www.torproject.org/vidalia/
<i>vips-doc</i>	7.16.4	7.18.2	http://www.vips.ecs.soton.ac.uk/
<i>virtuoso-opensource-doc</i>	new	5.0.12	http://virtuoso.sourceforge.net/
<i>webkitgtk-doc</i>	1.1.4	1.1.15.3	http://www.webkitgtk.org/
<i>xemacs-info</i>	21.5.28	21.5.29	http://www.xemacs.org/
<i>xen-doc</i>	new	3.4.1	http://xen.org/
<i>xgridfit-doc</i>	1.17	1.19	http://xgridfit.sf.net/
<i>xmms2-docs</i>	0.5	0.6	http://wiki.xmms2.xmms.se/
<i>xsd-doc</i>	new	3.2.0	http://www.codesynthesis.com/products/xsd/

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<i>zabbix-docs</i>	1.6.4	1.6.6	http://www.zabbix.com/

표 49. All Documentation changes (cont'd)

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<i>sugar-browse</i>	108	114	http://wiki.laptop.org/go/Browse
<i>sugar-calculator</i>	28	30	http://wiki.laptop.org/go/Calculate
<i>sugar-chat</i>	65	66	http://wiki.laptop.org/go/Chat
<i>sugar-clock</i>	0	5	http://wiki.laptop.org/go/Clock
<i>sugar-finance</i>	0	3	http://wiki.laptop.org/go/Finance
<i>sugar-flipsticks</i>	new	2	http://wiki.sugarlabs.org/go/Activities/Flip_Sticks
<i>sugar-help</i>	7	10	http://wiki.laptop.org/go/Help_(activity)
<i>sugar-imageviewer</i>	7	14	http://wiki.laptop.org/go/Image_Viewer
<i>sugar-infoslicer</i>	new	5.1	http://sugarlabs.org/go/Activities/InfoSlicer
<i>sugar-jukebox</i>	8	11	http://wiki.laptop.org/go/Jukebox
<i>sugar-log</i>	18	23	http://wiki.laptop.org/go/Log
<i>sugar-memorize</i>	29	33	http://wiki.sugarlabs.org/go/Activities/Memorize
<i>sugar-moon</i>	9	10	http://wiki.laptop.org/go/Moon
<i>sugar-pippy</i>	25	34	http://wiki.laptop.org/go/Pippy
<i>sugar-read</i>	66	76	http://wiki.laptop.org/go/Read

패키지	구 버전	신 버전	업스트림 URL
<i>sugar-record</i>	new	64	http://wiki.laptop.org/go/Record
<i>sugar-stopwatch</i>	new	0	http://wiki.laptop.org/go/Stopwatch
<i>sugar-terminal</i>	25	28	http://wiki.laptop.org/go/Terminal
<i>sugar-turtleart</i>	41	72	http://sugarlabs.org/go/Activities/Turtle_Art
<i>sugar-write</i>	63	68	http://wiki.sugarlabs.org/go/Activities/Write

표 50. 슈가-액티비티 모든 변경 사항

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8.7. 시스템 환경

8.7.1. 시스템 환경-베이스

패키지	구 버전	신 버전	업스트림 URL
<i>GConf2</i>	2.26.0	2.28.0	http://projects.gnome.org/gconf/
<i>GConf2-gtk</i>	2.26.0	2.28.0	http://projects.gnome.org/gconf/
<i>ModemManager</i>	new	0.2	http://www.gnome.org/projects/NetworkManager/
<i>NetworkManager</i>	0.7.1	0.7.996	http://www.gnome.org/projects/NetworkManager/
<i>NetworkManager-openconnect</i>	0.7.0.99	0.7.996	http://www.gnome.org/projects/NetworkManager/
<i>NetworkManager-openvpn</i>	0.7.0.99	0.7.996	http://www.gnome.org/projects/NetworkManager/
<i>NetworkManager-pptp</i>	0.7.0.99	0.7.996	http://www.gnome.org/projects/NetworkManager/

패키지	구 버전	신 버전	업스트림 URL
<i>NetworkManager-vpnc</i>	0.7.0.99	0.7.996	http://www.gnome.org/projects/NetworkManager/
<i>PackageKit-cron</i>	0.4.6	0.5.4	http://www.packagekit.org
<i>PackageKit-yum-plugin</i>	0.4.6	0.5.4	http://www.packagekit.org
<i>PolicyKit-olpc</i>	1.2	dropped	http://www.laptop.org
<i>adjtimex</i>	1.26	1.27.1	n/a
<i>amtu</i>	1.0.6	1.0.8	http://sourceforge.net/projects/amtueal/
<i>appliance-tools</i>	004	004.4	http://git.et.redhat.com/?p=act.git
<i>authconfig</i>	5.4.10	5.4.13	https://fedorahosted.org/authconfig
<i>authconfig-gtk</i>	5.4.10	5.4.13	https://fedorahosted.org/authconfig
<i>b43-fwcutter</i>	011	012	http://bu3sch.de/b43/fwcutter/
<i>b43-tools</i>	new	0	http://bu3sch.de/gitweb?p=b43-tools.git;a=summary
<i>bitfrost</i>	new	1.0.1	http://dev.laptop.org/git/projects/bitfrost
<i>btrfs-progs</i>	0.18	0.19	http://btrfs.wiki.kernel.org/index.php/Main_Page
<i>ca-certificates</i>	2008	2009	http://www.mozilla.org/
<i>chkconfig</i>	1.3.42	1.3.44	n/a
<i>chunkd</i>	new	0.4	http://hail.wiki.kernel.org/
<i>cld</i>	new	0.2.1	http://hail.wiki.kernel.org/
<i>cluster-cim</i>	0.16.0	0.16.1	http://sources.redhat.com/cluster/conga
<i>cluster-glue</i>	new	1.0	http://www.clusterlabs.org

패키지	구 버전	신 버전	업스트림 URL
<i>cluster-snmpp</i>	0.16.0	0.16.1	http://sources.redhat.com/cluster/conga
<i>cman</i>	3.0.0	3.0.4	http://sources.redhat.com/cluster/wiki/
<i>conntrack-tools</i>	0.9.9	0.9.12	http://netfilter.org
<i>coreutils</i>	7.2	7.6	http://www.gnu.org/software/coreutils/
<i>corosync</i>	0.95	1.1.2	http://www.openais.org
<i>crda</i>	1.0.1_2009.03.09	1.1.0_2009.09.08	http://www.linuxwireless.org/en/developers/Regulatory/CRDA
<i>createrepo</i>	0.9.7	0.9.8	http://createrepo.baseurl.org/
<i>cronie</i>	1.2	1.4.3	https://fedorahosted.org/cronie
<i>cronie-anacron</i>	new	1.4.3	https://fedorahosted.org/cronie
<i>debugmode</i>	8.95	9.02	http://fedorahosted.org/releases/i/n/initscripts/
<i>deltaiso</i>	new	3.5	http://gitorious.org/deltarpm/deltarpm
<i>deltarpm</i>	3.4	3.5	http://gitorious.org/deltarpm/deltarpm
<i>device-mapper</i>	1.02.31	1.02.38	http://sources.redhat.com/dm
<i>device-mapper-multipath</i>	0.4.8	0.4.9	http://christophe.varoqui.free.fr/
<i>dhclient</i>	4.1.0	4.1.0p1	http://isc.org/products/DHCP/
<i>dhcpcv6-client</i>	1.2.0	dropped	http://fedorahosted.org/dhcpcv6/
<i>dkms</i>	2.0.19.1	2.1.0.1	http://linux.dell.com/dkms
<i>dmraid</i>	1.0.0.rc15	1.0.0.rc16	http://people.redhat.com/heinzm/sw/dmraid
<i>dracut</i>	new	002	http://apps.sourceforge.net/trac/dracut/wiki

패키지	구 버전	신 버전	업스트림 URL
<i>dracut-generic</i>	new	002	http://apps.sourceforge.net/trac/dracut/wiki
<i>dracut-kernel</i>	new	002	http://apps.sourceforge.net/trac/dracut/wiki
<i>dracut-modules-olpc</i>	new	0.2.1	http://dev.laptop.org/git/users/dsd/dracut-modules-olpc
<i>dracut-network</i>	new	002	http://apps.sourceforge.net/trac/dracut/wiki
<i>dracut-tools</i>	new	002	http://apps.sourceforge.net/trac/dracut/wiki
<i>drpmsync</i>	3.4	3.5	http://gitorious.org/deltarpm/deltarpm
<i>e2fsprogs</i>	1.41.4	1.41.9	http://e2fsprogs.sourceforge.net/
<i>ebtables</i>	2.0.8	2.0.9	http://ebtables.sourceforge.net/
<i>eclipse-setools</i>	3.3.2.4	3.3.5.1	http://oss.tresys.com/projects/setools
<i>ecryptfs-utils</i>	73	81	https://launchpad.net/ecryptfs
<i>ecryptfs-utils-devel</i>	73	81	https://launchpad.net/ecryptfs
<i>ecryptfs-utils-python</i>	73	81	https://launchpad.net/ecryptfs
<i>environment-modules</i>	3.2.6	3.2.7b	http://modules.sourceforge.net/
<i>facter</i>	1.5.4	1.5.7	http://reductivelabs.com/projects/facter
<i>fedora-logos</i>	11.0.6	12.0.3	http://git.fedorahosted.org/git/fedora-logos.git/
<i>fedora-package-config-apt</i>	11	11.89	http://fedoraproject.org/
<i>fedora-package-config-smart</i>	11	11.89	http://fedoraproject.org/
<i>fedora-release</i>	11	12	http://fedoraproject.org

패키지	구 버전	신 버전	업스트림 URL
<i>fedora-release-notes</i>	11.0.0	12.0.0	http://fedoraproject.org/wiki/Documentation_Beats
<i>fence-agents</i>	3.0.0	3.0.4	http://sources.redhat.com/cluster/wiki/
<i>filesystem</i>	2.4.21	2.4.30	https://fedorahosted.org/filesystem
<i>firstboot</i>	1.106	1.110	http://fedoraproject.org/wiki/FirstBoot
<i>foomatic-db-filesystem</i>	new	4.0	http://www.openprinting.org
<i>fuse</i>	2.7.4	2.8.1	http://fuse.sf.net
<i>generic-logos</i>	11.0.1	12.2	n/a
<i>generic-release</i>	11	11.90	n/a
<i>generic-release-notes</i>	11	11.90	n/a
<i>glibc-common</i>	2.10.1	2.11	http://sources.redhat.com/glibc/
<i>grubby</i>	6.0.86	7.0.8	http://git.fedorahosted.org/git/grubby.git
<i>gutenprint</i>	5.2.3	5.2.4	http://gimp-print.sourceforge.net/
<i>gutenprint-plugin</i>	5.2.3	5.2.4	http://gimp-print.sourceforge.net/
<i>hmaccalc</i>	0.9.6	0.9.11	https://fedorahosted.org/hmaccalc/
<i>initscripts</i>	8.95	9.02	http://fedorahosted.org/releases/i/n/initscripts/
<i>ipa-admintools</i>	1.2.1	1.2.2	http://www.freeipa.org/
<i>ipa-client</i>	1.2.1	1.2.2	http://www.freeipa.org/
<i>ipa-radius-admintools</i>	1.2.1	1.2.2	http://www.freeipa.org/
<i>ipa-radius-server</i>	1.2.1	1.2.2	http://www.freeipa.org/
<i>ipa-server</i>	1.2.1	1.2.2	http://www.freeipa.org/
<i>ipa-server-selinux</i>	1.2.1	1.2.2	http://www.freeipa.org/
<i>ipsec-tools</i>	0.7.1	0.7.3	http://ipsec-tools.sourceforge.net/
<i>iptables</i>	1.4.3.1	1.4.5	http://www.netfilter.org/
<i>iptables-devel</i>	1.4.3.1	1.4.5	http://www.netfilter.org/

패키지	구 버전	신 버전	업스트림 URL
<i>iptables-ipv6</i>	1.4.3.1	1.4.5	http://www.netfilter.org/
<i>iscan-firmware</i>	2.1.0	2.1.1	http://www.avasys.jp/english/linux_e/index.html
<i>iso-codes</i>	3.7	3.11	http://alioth.debian.org/projects/pkg-isocodes/
<i>iw</i>	0.9.11	0.9.17	http://www.linuxwireless.org/en/users/Documentation/iw
<i>kde-settings</i>	4.2	4.3	http://fedorahosted.org/kde-settings
<i>kde-settings-kdm</i>	4.2	4.3	http://fedorahosted.org/kde-settings
<i>kde-settings-pulseaudio</i>	4.2	4.3	http://fedorahosted.org/kde-settings
<i>kerneloops</i>	0.12	dropped	http://www.kerneloops.org
<i>kpartx</i>	0.4.8	0.4.9	http://christophe.varoqui.free.fr/
<i>krb5-workstation</i>	1.6.3	1.7	http://web.mit.edu/kerberos/www/
<i>krb5-workstation-clients</i>	1.6.3	1.7	http://web.mit.edu/kerberos/www/
<i>krb5-workstation-servers</i>	1.6.3	1.7	http://web.mit.edu/kerberos/www/
<i>ladvd-selinux</i>	0.6.1	0.8	http://www.blinkenlights.nl/software/ladvd/
<i>libuser</i>	0.56.9	0.56.12	https://fedorahosted.org/libuser/
<i>livecd-tools</i>	024	031	http://git.fedorahosted.org/git/livecd
<i>ltsvfs</i>	0.5.8	0.5.13	https://code.launchpad.net/ltsvfs
<i>ltsvfsd</i>	0.5.8	0.5.13	https://code.launchpad.net/ltsvfs
<i>lvm2</i>	2.02.45	2.02.53	http://sources.redhat.com/lvm2

패키지	구 버전	신 버전	업스트림 URL
<i>lvm2-cluster</i>	2.02.45	2.02.53	http://sources.redhat.com/lvm2
<i>mailcap</i>	2.1.29	2.1.30	http://git.fedoraproject.org/git/mailcap.git
<i>mdadm</i>	3.0	3.0.2	http://www.kernel.org/pub/linux/utils/raid/mdadm/
<i>media-player-info</i>	new	3	http://cgit.freedesktop.org/~teuf/media-player-id/
<i>memcached-selinux</i>	1.2.6	1.4.1	http://www.danga.com/memcached/
<i>memtest86+</i>	2.11	4.00	http://www.memtest.org
<i>memtester</i>	4.0.8	4.1.2	http://pyropus.ca/software/memtester/
<i>microcode_ctl</i>	new	1.17	http://www.urbanmyth.org/microcode/
<i>mkinitrd</i>	6.0.86	6.0.93	git://git.fedoraproject.org/git/hosted/mkinitrd
<i>mobile-broadband-provider-info</i>	new	1.20090918	http://live.gnome.org/NetworkManager/MobileBroadband/ServiceProviders
<i>modcluster</i>	0.16.0	0.16.1	http://sources.redhat.com/cluster/conga
<i>monitor-edid</i>	2.0	2.4	http://wiki.mandriva.com/en/Tools/monitor-edid
<i>mrepo</i>	new	0.8.6	http://dag.wieers.com/home-made/mrepo/
<i>nash</i>	6.0.86	6.0.93	git://git.fedoraproject.org/git/hosted/mkinitrd
<i>nilfs-utils</i>	new	2.0.14	http://www.nilfs.org
<i>nss-ldapd</i>	new	0.6.11	http://arthurdejong.org/nss-ldapd/
<i>nss-softokn-freebl</i>	3.12.3	3.12.4	http://www.mozilla.org/projects/security/pki/nss/

패키지	구 버전	신 버전	업스트림 URL
<i>nss-tools</i>	3.12.3	3.12.4	http://www.mozilla.org/projects/security/pki/nss/
<i>ntsysv</i>	1.3.42	1.3.44	n/a
<i>numactl</i>	2.0.2	2.0.3	ftp://oss.sgi.com/www/projects/libnuma/download
<i>obexfs</i>	0.11	0.12	http://openobex.triq.net/
<i>ocfs2-tools</i>	1.3.9	1.4.3	http://oss.oracle.com/projects/ocfs2-tools/
<i>ocfs2-tools-cman</i>	new	1.4.3	http://oss.oracle.com/projects/ocfs2-tools/
<i>ocfs2-tools-pcmk</i>	new	1.4.3	http://oss.oracle.com/projects/ocfs2-tools/
<i>olpc-contents</i>	new	2.6	http://dev.laptop.org/git/users/cscott/olpc-contents
<i>olpc-kbdshim</i>	new	7	http://dev.laptop.org/git/users/pgf/olpc-kbdshim/tree/README
<i>olpc-powerd</i>	new	10	http://dev.laptop.org/git/users/pgf/powerd/tree/powerd
<i>olpc-switch-desktop</i>	new	0.6	http://dev.laptop.org/git/users/dsd/olpc-switch-desktop
<i>olpc-update</i>	new	2.20	http://dev.laptop.org/git/projects/olpc-update
<i>olpc-utils</i>	0.89	1.0.3	http://dev.laptop.org/git?p=projects/olpc-utils;a=summary
<i>openais</i>	0.94	1.1.0	http://developer.osdl.org/dev/openais/
<i>opencryptoki</i>	new	2.3.0	http://sourceforge.net/projects/opencryptoki
<i>osr-dracut-module</i>	new	0.8	http://www.open-sharedroot.org/development/osr-dracut-module/
<i>osr-dracut-module-chroot</i>	new	0.8	http://www.open-sharedroot.org/development/osr-dracut-module/

패키지	구 버전	신 버전	업스트림 URL
<i>osr-dracut-module-cluster</i>	new	0.8	http://www.open-sharedroot.org/development/osr-dracut-module/
<i>pam</i>	1.0.91	1.1.0	http://www.us.kernel.org/pub/linux/libs/pam/index.html
<i>pam_ccreds</i>	7	10	http://www.padl.com/OSS/pam_ccreds.html
<i>pam_krb5</i>	2.3.4	2.3.7	https://fedorahosted.org/pam_krb5/
<i>pam_mount</i>	1.22	1.32	http://pam-mount.sourceforge.net/
<i>pam_ssh</i>	1.92	1.97	http://sourceforge.net/projects/pam-ssh/
<i>pam_yubico</i>	new	2.1	http://yubico-pam.googlecode.com/
<i>passwd</i>	0.76	0.77	http://fedorahosted.org/passwd
<i>pdsh-mod-nodeupdown</i>	new	2.18	http://sourceforge.net/projects/pdsh/
<i>plymouth</i>	0.7.0	0.8.0	http://freedesktop.org/software/plymouth/releases
<i>plymouth-plugin-fade-throbber</i>	0.7.0	0.8.0	http://freedesktop.org/software/plymouth/releases
<i>plymouth-plugin-label</i>	0.7.0	0.8.0	http://freedesktop.org/software/plymouth/releases
<i>plymouth-plugin-script</i>	new	0.8.0	http://freedesktop.org/software/plymouth/releases
<i>plymouth-plugin-space-flares</i>	0.7.0	0.8.0	http://freedesktop.org/software/plymouth/releases
<i>plymouth-plugin-throbgress</i>	0.7.0	0.8.0	http://freedesktop.org/software/plymouth/releases
<i>plymouth-plugin-two-step</i>	0.7.0	0.8.0	http://freedesktop.org/software/plymouth/releases

패키지	구 버전	신 버전	업스트림 URL
<i>plymouth-system-theme</i>	0.7.0	0.8.0	http://freedesktop.org/software/plymouth/releases
<i>plymouth-theme-charge</i>	0.7.0	0.8.0	http://freedesktop.org/software/plymouth/releases
<i>plymouth-theme-fade-in</i>	0.7.0	0.8.0	http://freedesktop.org/software/plymouth/releases
<i>plymouth-theme-script</i>	new	0.8.0	http://freedesktop.org/software/plymouth/releases
<i>plymouth-theme-solar</i>	0.7.0	0.8.0	http://freedesktop.org/software/plymouth/releases
<i>plymouth-theme-spinfinity</i>	0.7.0	0.8.0	http://freedesktop.org/software/plymouth/releases
<i>pmount</i>	0.9.17	0.9.20	http://pmount.alioth.debian.org/
<i>policycoreutils</i>	2.0.62	2.0.74	http://www.selinuxproject.org
<i>policycoreutils-gui</i>	2.0.62	2.0.74	http://www.selinuxproject.org
<i>policycoreutils-newrole</i>	2.0.62	2.0.74	http://www.selinuxproject.org
<i>policycoreutils-python</i>	2.0.62	2.0.74	http://www.selinuxproject.org
<i>policycoreutils-sandbox</i>	new	2.0.74	http://www.selinuxproject.org
<i>prelink</i>	0.4.0	0.4.2	n/a
<i>preupgrade</i>	1.0.1	1.1.0	https://fedorahosted.org/preupgrade/
<i>python-deltarpm</i>	new	3.5	http://gitorious.org/deltarpm/deltarpm
<i>python-imgcreate</i>	024	031	http://git.fedorahosted.org/git/livecd
<i>readahead</i>	1.4.9	1.5.4	https://fedorahosted.org/readahead/

패키지	구 버전	신 버전	업스트림 URL
<i>resource-agents</i>	3.0.0	3.0.4	http://sources.redhat.com/cluster/wiki/
<i>rgmanager</i>	3.0.0	3.0.4	http://sources.redhat.com/cluster/wiki/
<i>ricci</i>	0.16.0	0.16.1	http://sources.redhat.com/cluster/conga/
<i>rpm</i>	4.7.0	4.7.1	http://www.rpm.org/
<i>rpm-cron</i>	new	4.7.1	http://www.rpm.org/
<i>rtkit</i>	new	0.4	http://git.0pointer.de/?p=rtkit.git
<i>selinux-policy</i>	3.6.12	3.6.32	http://oss.tresys.com/repos/refpolicy/
<i>selinux-policy-doc</i>	3.6.12	3.6.32	http://oss.tresys.com/repos/refpolicy/
<i>selinux-policy-minimum</i>	3.6.12	3.6.32	http://oss.tresys.com/repos/refpolicy/
<i>selinux-policy-mls</i>	3.6.12	3.6.32	http://oss.tresys.com/repos/refpolicy/
<i>selinux-policy-targeted</i>	3.6.12	3.6.32	http://oss.tresys.com/repos/refpolicy/
<i>setools</i>	3.3.5	3.3.6	http://oss.tresys.com/projects/setools
<i>setools-console</i>	3.3.5	3.3.6	http://oss.tresys.com/projects/setools
<i>setools-gui</i>	3.3.5	3.3.6	http://oss.tresys.com/projects/setools
<i>setroubleshoot-doc</i>	2.1.8	2.2.42	https://fedorahosted.org/setroubleshoot
<i>setup</i>	2.8.3	2.8.9	https://fedorahosted.org/setup/
<i>sgpio</i>	new	1.2.0.10	http://sources.redhat.com/lvm2/wiki/DMRAID_Eventing
<i>shadow-utils</i>	4.1.2	4.1.4.2	http://pkg-shadow.alioth.debian.org/
<i>shared-mime-info</i>	0.60	0.70	http://freedesktop.org/Software/shared-mime-info

패키지	구 버전	신 버전	업스트림 URL
<i>sugar-update-control</i>	0.20	dropped	http://git.sugarlabs.org/projects/sugar-update-control
<i>system-autodeath</i>	0.2	0.3	http://skvidal.fedorapeople.org/system-autodeath/
<i>system-config-date</i>	1.9.38	1.9.53	http://fedorahosted.org/system-config-date
<i>system-config-display</i>	1.1.3	2.2	http://fedoraproject.org/wiki/SystemConfig/Tools
<i>system-config-firewall</i>	1.2.16	1.2.21	http://fedorahosted.org/system-config-firewall
<i>system-config-firewall-tui</i>	1.2.16	1.2.21	http://fedorahosted.org/system-config-firewall
<i>system-config-kdump</i>	1.0.14	2.0.1	http://fedorahosted.org/system-config-kdump/
<i>system-config-keyboard</i>	1.2.15	1.3.1	https://fedorahosted.org/system-config-keyboard/
<i>system-config-kickstart</i>	2.7.22	2.8.2	http://fedoraproject.org/wiki/SystemConfig/Tools
<i>system-config-language</i>	1.3.2	1.3.3	http://fedoraproject.org/wiki/SystemConfig/language
<i>system-config-nfs</i>	1.3.44	1.3.49	http://fedorahosted.org/system-config-nfs
<i>system-config-printer</i>	1.1.7	1.1.13	http://cyberelk.net/tim/software/system-config-printer/
<i>system-config-printer-kde</i>	4.2.2	4.3.2	http://www.kde.org/
<i>system-config-printer-libs</i>	1.1.7	1.1.13	http://cyberelk.net/tim/software/system-config-printer/
<i>system-config-printer-udev</i>	new	1.1.13	http://cyberelk.net/tim/software/system-config-printer/
<i>system-config-rootpassword</i>	1.99.4	1.99.6	http://fedora.redhat.com/
<i>system-config-samba</i>	1.2.75	1.2.83	http://fedorahosted.org/system-config-samba

패키지	구 버전	신 버전	업스트림 URL
<i>sysvinit-tools</i>	2.86	2.87	https://alioth.debian.org/projects/pkg-sysvinit/
<i>tabled</i>	new	0.3	http://hail.wiki.kernel.org/
<i>telepathy-filesystem</i>	0.0.1	0.0.2	n/a
<i>tmpwatch</i>	2.9.14	2.9.15	https://fedorahosted.org/tmpwatch/
<i>tor-upstart</i>	0.2.0.34	0.2.1.19	http://tor.eff.org
<i>tzdata</i>	2009f	2009o	ftp://elsie.nci.nih.gov/pub/
<i>tzdata-java</i>	2009f	2009o	ftp://elsie.nci.nih.gov/pub/
<i>udev</i>	141	145	http://www.kernel.org/pub/linux/utils/kernel/hotplug/udev.html
<i>udev-extras</i>	20090226	dropped	http://www.kernel.org/pub/linux/utils/kernel/hotplug/udev.html
<i>unetbootin</i>	new	0	http://unetbootin.sourceforge.net/
<i>unoconv</i>	new	0.3	http://dag.wieers.com/home-made/unoconv/
<i>upstart</i>	0.3.9	0.3.11	http://upstart.ubuntu.com
<i>util-linux-ng</i>	2.14.2	2.16	ftp://ftp.kernel.org/pub/linux/utils/util-linux-ng
<i>util-vserver</i>	0.30.215	0.30.215+svn2847	http://savannah.nongnu.org/projects/util-vserver/
<i>util-vserver-sysv</i>	0.30.215	0.30.215+svn2847	http://savannah.nongnu.org/projects/util-vserver/
<i>vbetool</i>	1.1	1.2.2	http://www.codon.org.uk/~mjpg59/vbetool/
<i>wacomexpresskeys</i>	new	0.4.2	http://expresskeys.ruivo.org/
<i>x86info</i>	1.24	1.25	http://www.codemonkey.org.uk/projects/x86info
<i>xfsdump</i>	3.0.0	3.0.1	http://oss.sgi.com/projects/xf/

패키지	구 버전	신 버전	업스트림 URL
<i>xfspgros</i>	3.0.0	3.0.3	http://oss.sgi.com/projects/xfspgros/
<i>xsupplicant</i>	1.2.8	2.1.8	http://www.open1x.org/
<i>xsupplicant-ui</i>	new	2.1.8	http://www.open1x.org/

표 51. 시스템 환경-베이스 모든 변경 사항

패키지	구 버전	신 버전	업스트림 URL
<i>yum</i>	3.2.22	3.2.25	http://yum.baseurl.org/
<i>yum-NetworkManager-dispatcher</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-cron</i>	0.8.3	0.9.1	http://linux.duke.edu/yum/
<i>yum-plugin-aliases</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-plugin-auto-update-debug-info</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-plugin-basearchonly</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-plugin-changelog</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-plugin-downloadonly</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-plugin-fastestmirror</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-plugin-filter-data</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-plugin-keys</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-plugin-list-data</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-plugin-merge-conf</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-plugin-post-transaction-actions</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-plugin-priorities</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-plugin-protect-packages</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-plugin-protectbase</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-plugin-refresh-updatesd</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/

패키지	구 버전	신 버전	업스트림 URL
<i>yum-plugin-remove-with-leaves</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-plugin-rpm-warm-cache</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-plugin-security</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-plugin-show-leaves</i>	new	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-plugin-tmprepo</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-plugin-tsflags</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-plugin-upgrade-helper</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-plugin-verify</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-plugin-versionlock</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/
<i>yum-updateonboot</i>	1.1.21	1.1.23	http://yum.baseurl.org/download/yum-utils/

표 52. All System_Environment-Base changes (cont'd)

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8.7.2. 시스템 환경-데몬

패키지	구 버전	신 버전	업스트림 URL
<i>389-admin</i>	new	1.1.9	http://port389.org/
<i>389-ds</i>	new	1.1.3	http://port389.org/
<i>389-ds-base</i>	new	1.2.3	http://port389.org/
<i>389-dsgw</i>	new	1.1.4	http://port389.org/
<i>3proxy</i>	new	0.6	http://3proxy.ru/?l=EN
<i>acpid</i>	1.0.8	1.0.10	http://acpid.sourceforge.net/
<i>apcupsd</i>	3.14.5	3.14.7	http://www.apcupsd.com
<i>audispd-plugins</i>	1.7.12	2.0.1	http://people.redhat.com/sgrubb/audit/

패키지	구 버전	신 버전	업스트림 URL
<i>audit</i>	1.7.12	2.0.1	http://people.redhat.com/sgrubb/audit/
<i>bacula-client</i>	2.4.4	3.0.2	http://www.bacula.org
<i>bacula-common</i>	2.4.4	3.0.2	http://www.bacula.org
<i>bacula-console</i>	2.4.4	3.0.2	http://www.bacula.org
<i>bacula-console-bat</i>	2.4.4	3.0.2	http://www.bacula.org
<i>bacula-console-gnome</i>	2.4.4	3.0.2	http://www.bacula.org
<i>bacula-console-wxwidgets</i>	2.4.4	3.0.2	http://www.bacula.org
<i>bacula-director-common</i>	2.4.4	3.0.2	http://www.bacula.org
<i>bacula-director-mysql</i>	2.4.4	3.0.2	http://www.bacula.org
<i>bacula-director-postgresql</i>	2.4.4	3.0.2	http://www.bacula.org
<i>bacula-director-sqlite</i>	2.4.4	3.0.2	http://www.bacula.org
<i>bacula-storage-common</i>	2.4.4	3.0.2	http://www.bacula.org
<i>bacula-storage-mysql</i>	2.4.4	3.0.2	http://www.bacula.org
<i>bacula-storage-postgresql</i>	2.4.4	3.0.2	http://www.bacula.org
<i>bacula-storage-sqlite</i>	2.4.4	3.0.2	http://www.bacula.org
<i>bacula-sysconfdir</i>	2.4.4	3.0.2	http://www.bacula.org
<i>bacula-traymonitor</i>	2.4.4	3.0.2	http://www.bacula.org
<i>beanstalkd</i>	1.3	1.4.2	http://xph.us/software/beanstalkd/
<i>bitlbee</i>	1.2.3	1.2.4	http://www.bitlbee.org/
<i>bluez-alsa</i>	4.37	4.57	http://www.bluez.org/
<i>bluez-compatible</i>	new	4.57	http://www.bluez.org/
<i>bluez-cups</i>	4.37	4.57	http://www.bluez.org/
<i>bluez-gstreamer</i>	4.37	4.57	http://www.bluez.org/
<i>brltty</i>	3.10	4.1	http://mielke.cc/brltty/
<i>brltty-at-spi</i>	3.10	4.1	http://mielke.cc/brltty/
<i>brltty-xw</i>	3.10	4.1	http://mielke.cc/brltty/
<i>clamav-milter</i>	0.95.1	0.95.2	http://www.clamav.net
<i>clamav-milter-sysvinit</i>	0.95.1	0.95.2	http://www.clamav.net
<i>clamav-milter-upstart</i>	0.95.1	0.95.2	http://www.clamav.net
<i>clamav-scanner</i>	0.95.1	0.95.2	http://www.clamav.net
<i>clamav-scanner-sysvinit</i>	0.95.1	0.95.2	http://www.clamav.net

패키지	구 버전	신 버전	업스트림 URL
<i>clamav-scanner-upstart</i>	0.95.1	0.95.2	http://www.clamav.net
<i>clamav-server</i>	0.95.1	0.95.2	http://www.clamav.net
<i>clamav-server-sysvinit</i>	0.95.1	0.95.2	http://www.clamav.net
<i>clement</i>	new	2.1.320	http://www.clement.safe.ca
<i>collectd</i>	4.5.3	4.6.5	http://collectd.org/
<i>collectd-apache</i>	4.5.3	4.6.5	http://collectd.org/
<i>collectd-dns</i>	4.5.3	4.6.5	http://collectd.org/
<i>collectd-email</i>	4.5.3	4.6.5	http://collectd.org/
<i>collectd-ipmi</i>	4.5.3	4.6.5	http://collectd.org/
<i>collectd-mysql</i>	4.5.3	4.6.5	http://collectd.org/
<i>collectd-nginx</i>	4.5.3	4.6.5	http://collectd.org/
<i>collectd-nut</i>	4.5.3	4.6.5	http://collectd.org/
<i>collectd-postgresql</i>	4.5.3	4.6.5	http://collectd.org/
<i>collectd-rrdtool</i>	4.5.3	4.6.5	http://collectd.org/
<i>collectd-sensors</i>	4.5.3	4.6.5	http://collectd.org/
<i>collectd-snmp</i>	4.5.3	4.6.5	http://collectd.org/
<i>collectd-virt</i>	4.5.3	4.6.5	http://collectd.org/
<i>ctdb</i>	1.0.73	1.0.91	http://ctdb.samba.org/
<i>cups</i>	1.4	1.4.1	http://www.cups.org/
<i>cups-bjnp</i>	new	0.5.4	https://sourceforge.net/projects/cups-bjnp/
<i>cups-lpd</i>	1.4	1.4.1	http://www.cups.org/
<i>cyrus-imapd</i>	2.3.14	2.3.15	http://cyrusimap.web.cmu.edu/
<i>dansguardian</i>	new	2.10.1.1	http://www.dansguardian.org/
<i>dap-freeform_handler</i>	3.7.9	3.7.12	http://opendap.org/download/ff_server.html
<i>dap-hdf4_handler</i>	3.7.9	3.7.14	http://www.opendap.org/
<i>dap-netcdf_handler</i>	3.7.9	3.8.3	http://www.opendap.org/
<i>dap-server</i>	3.8.5	3.9.3	http://www.opendap.org/
<i>dap-server-cgi</i>	3.8.5	3.9.3	http://www.opendap.org/
<i>dcdb</i>	0.9.7	0.9.15	http://e1000.sourceforge.net

패키지	구 버전	신 버전	업스트림 URL
<i>dhcp</i>	4.1.0	4.1.0p1	http://isc.org/products/DHCP/
<i>dhcpv6</i>	1.2.0	dropped	http://fedorahosted.org/dhcpv6/
<i>dkim-milter</i>	2.8.1	2.8.3	http://www.dkim.org/
<i>dnsmasq</i>	2.46	2.48	http://www.thekelleys.org.uk/dnsmasq/
<i>dnssec-conf</i>	1.20	1.21	http://www.xelerance.com/software/dnssec-conf/
<i>dovecot</i>	1.2	1.2.6	http://www.dovecot.org/
<i>dovecot-gssapi</i>	1.2	1.2.6	http://www.dovecot.org/
<i>dovecot-ldap</i>	1.2	1.2.6	http://www.dovecot.org/
<i>dovecot-managesieve</i>	1.2	1.2.6	http://www.dovecot.org/
<i>dovecot-mysql</i>	1.2	1.2.6	http://www.dovecot.org/
<i>dovecot-pgsql</i>	1.2	1.2.6	http://www.dovecot.org/
<i>dovecot-sieve</i>	1.2	1.2.6	http://www.dovecot.org/
<i>dovecot-sqlite</i>	1.2	1.2.6	http://www.dovecot.org/
<i>fail2ban</i>	0.8.3	0.8.4	http://fail2ban.sourceforge.net/
<i>freeradius</i>	2.1.3	2.1.7	http://www.freeradius.org/
<i>freeradius-krb5</i>	2.1.3	2.1.7	http://www.freeradius.org/
<i>freeradius-ldap</i>	2.1.3	2.1.7	http://www.freeradius.org/
<i>freeradius-libs</i>	2.1.3	2.1.7	http://www.freeradius.org/
<i>freeradius-mysql</i>	2.1.3	2.1.7	http://www.freeradius.org/
<i>freeradius-perl</i>	2.1.3	2.1.7	http://www.freeradius.org/
<i>freeradius-postgresql</i>	2.1.3	2.1.7	http://www.freeradius.org/
<i>freeradius-python</i>	2.1.3	2.1.7	http://www.freeradius.org/
<i>freeradius-unixODBC</i>	2.1.3	2.1.7	http://www.freeradius.org/
<i>freeradius-utils</i>	2.1.3	2.1.7	http://www.freeradius.org/

패키지	구 버전	신 버전	업스트림 URL
<i>fwknop</i>	1.9.9	1.9.12	http://www.cipherdyne.org/fwknop/
<i>gearmand</i>	new	0.9	http://www.gearman.org
<i>glusterfs-server</i>	2.0.0	2.0.6	http://www.gluster.org/
<i>gnokii-smsd</i>	0.6.27	0.6.28	http://www.gnokii.org/
<i>gnokii-smsd-mysql</i>	0.6.27	0.6.28	http://www.gnokii.org/
<i>gnokii-smsd-pgsql</i>	0.6.27	0.6.28	http://www.gnokii.org/
<i>gnome-settings-daemon</i>	2.26.1	2.28.1	http://download.gnome.org/sources/gnome-settings-daemon
<i>gvrpcd</i>	new	1.3	http://socrates.mimuw.edu.pl/~sebek/gvrpcd/
<i>haproxy</i>	1.3.17	1.3.22	http://haproxy.1wt.eu/
<i>heartbeat</i>	2.1.4	3.0.0	http://linux-ha.org/
<i>heartbeat-devel</i>	2.1.4	3.0.0	http://linux-ha.org/
<i>heartbeat-libs</i>	new	3.0.0	http://linux-ha.org/
<i>hplip</i>	3.9.2	3.9.8	http://hplip.sourceforge.net/
<i>httpd</i>	2.2.11	2.2.13	http://httpd.apache.org/
<i>httpd-tools</i>	2.2.11	2.2.13	http://httpd.apache.org/
<i>inadyn</i>	1.96.2	dropped	http://inadyn.ina-tech.net
<i>inews</i>	2.4.6	2.5.0	https://www.isc.org/software/INN/
<i>infinoted</i>	new	0.3.0	http://gobby.0x539.de/trac/wiki/Infinote/Libinfinity
<i>inn</i>	2.4.6	2.5.0	https://www.isc.org/software/INN/
<i>jabberd</i>	2.2.7.1	2.2.8	http://jabberd2.xiaoka.com/
<i>jack-audio-connection-kit</i>	0.116.1	0.116.2	http://www.jackaudio.org
<i>kannel</i>	1.4.1	1.4.3	http://www.kannel.org/
<i>krb5-server</i>	1.6.3	1.7	http://web.mit.edu/kerberos/www/
<i>krb5-server-ldap</i>	1.6.3	1.7	http://web.mit.edu/kerberos/www/

패키지	구 버전	신 버전	업스트림 URL
<i>ksysguardd</i>	4.2.2	4.3.2	http://www.kde.org/
<i>ldirectord</i>	new	3.0.4	http://sources.redhat.com/cluster/wiki/
<i>libsane-hpaio</i>	3.9.2	3.9.8	http://hplip.sourceforge.net/
<i>libtalloc</i>	1.2.0	2.0.0	http://talloc.samba.org/
<i>libtdb</i>	1.1.3	1.1.5	http://tdb.samba.org/
<i>lighttpd</i>	1.4.22	1.4.23	http://www.lighttpd.net/
<i>lighttpd-fastcgi</i>	1.4.22	1.4.23	http://www.lighttpd.net/
<i>lighttpd-mod_geoip</i>	1.4.22	1.4.23	http://www.lighttpd.net/
<i>lighttpd-mod_mysql_vhost</i>	1.4.22	1.4.23	http://www.lighttpd.net/
<i>lirc</i>	0.8.5	0.8.6	http://www.lirc.org/
<i>lirc-remotes</i>	0.8.5	0.8.6	http://www.lirc.org/
<i>lm_sensors-sensord</i>	3.1.0	3.1.1	http://www.lm-sensors.org/
<i>memcached</i>	1.2.6	1.4.1	http://www.danga.com/memcached/
<i>militer-greylist</i>	4.2.2	4.2.3	http://hcpnet.free.fr/militer-greylist/
<i>militer-greylist-sysvinit</i>	4.2.2	4.2.3	http://hcpnet.free.fr/militer-greylist/
<i>militer-greylist-upstart</i>	4.2.2	4.2.3	http://hcpnet.free.fr/militer-greylist/
<i>mip6-daemon</i>	new	0.4	http://www.linux-ipv6.org/memo/mip6/
<i>mod_dav_svn</i>	1.6.1	1.6.5	http://subversion.tigris.org/
<i>mod_fcgid</i>	2.2	2.3.4	http://httpd.apache.org/mod_fcgid/
<i>mod_log_post</i>	new	0.1.0	http://ftp.robert-scheck.de/linux/mod_log_post/
<i>mod_mono</i>	2.4	2.4.2	http://mono.ximian.com/monobuild/preview/sources-preview/
<i>mod_perlite</i>	0.09	0.10	http://modperlite.org
<i>mod_selinux</i>	new	2.2.2015	http://code.google.com/p/sepysql/
<i>mod_ssl</i>	2.2.11	2.2.13	http://httpd.apache.org/

패키지	구 버전	신 버전	업스트림 URL
<i>murmur</i>	new	1.1.8	http://mumble.sourceforge.net/
<i>mydns</i>	1.2.8.25	1.2.8.27	http://mydns-ng.com/
<i>mydns-mysql</i>	1.2.8.25	1.2.8.27	http://mydns-ng.com/
<i>mydns-pgsql</i>	1.2.8.25	1.2.8.27	http://mydns-ng.com/
<i>netatalk</i>	2.0.3	2.0.4	http://netatalk.sourceforge.net/
<i>nfs-utils</i>	1.1.5	1.2.0	http://sourceforge.net/projects/nfs
<i>nginx</i>	0.6.36	0.7.62	http://nginx.net/
<i>nscd</i>	2.10.1	2.11	http://sources.redhat.com/glibc/
<i>nsd</i>	3.2.2	3.2.3	http://www.nlnetlabs.nl/nsd/
<i>ntp</i>	4.2.4p6	4.2.4p7	http://www.ntp.org
<i>obexd</i>	0.10	0.18	http://www.bluez.org/
<i>openldap</i>	2.4.15	2.4.18	http://www.openldap.org/
<i>openldap-servers</i>	2.4.15	2.4.18	http://www.openldap.org/
<i>openldap-servers-sql</i>	2.4.15	2.4.18	http://www.openldap.org/
<i>opensm</i>	3.2.1	3.3.2	http://www.openfabrics.org/
<i>openswan</i>	2.6.21	2.6.23	http://www.openswan.org/
<i>openswan-doc</i>	2.6.21	2.6.23	http://www.openswan.org/
<i>openwsman</i>	2.1.0	2.2.0	http://www.openwsman.org/
<i>pacemaker</i>	new	1.0.5	http://www.clusterlabs.org
<i>pacemaker-libs</i>	new	1.0.5	http://www.clusterlabs.org
<i>pathfinderd</i>	new	1.1.0	http://code.google.com/p/pathfinder-pki/
<i>pcsc-lite-openct</i>	0.6.15	0.6.17	http://www.opensc-project.org/openct/
<i>pdns-recursor</i>	3.1.7	3.1.7.1	http://powerdns.com
<i>perl-Collectd</i>	4.5.3	4.6.5	http://collectd.org/
<i>postfix</i>	2.5.6	2.6.5	http://www.postfix.org

패키지	구 버전	신 버전	업스트림 URL
<i>privoxy</i>	3.0.10	3.0.13	http://www.privoxy.org/
<i>proftpd</i>	1.3.2	1.3.2b	http://www.proftpd.org/
<i>proftpd-ldap</i>	1.3.2	1.3.2b	http://www.proftpd.org/
<i>proftpd-mysql</i>	1.3.2	1.3.2b	http://www.proftpd.org/
<i>proftpd-postgresql</i>	1.3.2	1.3.2b	http://www.proftpd.org/
<i>pulseaudio</i>	0.9.15	0.9.19	http://pulseaudio.org/
<i>pulseaudio-esound-compat</i>	0.9.15	0.9.19	http://pulseaudio.org/
<i>pulseaudio-module-bluetooth</i>	0.9.15	0.9.19	http://pulseaudio.org/
<i>pulseaudio-module-gconf</i>	0.9.15	0.9.19	http://pulseaudio.org/
<i>pulseaudio-module-jack</i>	0.9.15	0.9.19	http://pulseaudio.org/
<i>pulseaudio-module-lirc</i>	0.9.15	0.9.19	http://pulseaudio.org/
<i>pulseaudio-module-x11</i>	0.9.15	0.9.19	http://pulseaudio.org/
<i>pulseaudio-module-zeroconf</i>	0.9.15	0.9.19	http://pulseaudio.org/
<i>pure-ftpd</i>	1.0.21	1.0.22	http://www.pureftpd.org
<i>pure-ftpd-selinux</i>	1.0.21	1.0.22	http://www.pureftpd.org
<i>python-morbid</i>	new	0.8.7.3	http://www.morbidq.com
<i>qmf</i>	0.5.752600	0.5.829175	http://qpid.apache.org
<i>qpidd</i>	0.5.752600	0.5.829175	http://qpid.apache.org
<i>qpidd-cluster</i>	0.5.752600	0.5.829175	http://qpid.apache.org
<i>quagga</i>	0.99.11	0.99.12	http://www.quagga.net
<i>quagga-contrib</i>	0.99.11	0.99.12	http://www.quagga.net
<i>quagga-devel</i>	0.99.11	0.99.12	http://www.quagga.net
<i>radvd</i>	1.1	1.3	http://www.litech.org/radvd/
<i>rpcbind</i>	0.1.7	0.2.0	http://nfsv4.bullopen-source.org
<i>rsyslog</i>	3.21.11	4.4.1	http://www.rsyslog.com/
<i>rsyslog-gnutls</i>	3.21.11	4.4.1	http://www.rsyslog.com/
<i>rsyslog-gssapi</i>	3.21.11	4.4.1	http://www.rsyslog.com/
<i>rsyslog-mysql</i>	3.21.11	4.4.1	http://www.rsyslog.com/
<i>rsyslog-pgsql</i>	3.21.11	4.4.1	http://www.rsyslog.com/
<i>rsyslog-relp</i>	3.21.11	4.4.1	http://www.rsyslog.com/

패키지	구 버전	신 버전	업스트림 URL
<i>rubygem-mongrel_cluster</i>	new	1.0.5	http://mongrel.rubyforge.org/wiki/MongrelCluster
<i>samba</i>	3.3.2	3.4.2	http://www.samba.org/
<i>sec</i>	2.4.1	2.5.2	http://simple-evcorr.sourceforge.net/

표 53. 시스템 환경-데몬 모든 변경 사항

패키지	구 버전	신 버전	업스트림 URL
<i>shmpps</i>	new	1.03	http://time.qnan.org/
<i>slapi-nis</i>	0.10	0.17	http://slapi-nis.fedorahosted.org/
<i>spawn-fcgi</i>	1.4.22	1.6.2	http://redmine.lighttpd.net/projects/spawn-fcgi/
<i>squid</i>	3.0.STABLE13	3.1.0.14	http://www.squid-cache.org
<i>sysusage</i>	2.9	2.10	http://sysusage.sourceforge.net
<i>tinyproxy</i>	1.6.4	1.6.5	http://tinyproxy.banu.com/
<i>tog-pegasus</i>	2.7.2	2.9.0	http://www.openpegasus.org
<i>tor</i>	0.2.0.34	0.2.1.19	http://tor.eff.org
<i>tor-core</i>	0.2.0.34	0.2.1.19	http://tor.eff.org
<i>tor-lsb</i>	0.2.0.34	0.2.1.19	http://tor.eff.org
<i>trytond</i>	1.0.3	1.2.2	http://www.tryton.org
<i>tuned</i>	0.1.5	0.2.5	https://fedorahosted.org/tuned/
<i>ucarp</i>	1.5	1.5.1	http://www.ucarp.org/
<i>unbound</i>	1.2.1	1.3.4	http://www.nlnetlabs.nl/unbound/
<i>unbound-munin</i>	1.2.1	1.3.4	http://www.nlnetlabs.nl/unbound/
<i>uutils</i>	1.41.4	2.16	ftp://ftp.kernel.org/pub/linux/utils/util-linux-ng
<i>varnish</i>	2.0.3	2.0.4	http://www.varnish-cache.org/
<i>vsftpd</i>	2.1.0	2.2.0	http://vsftpd.beasts.org/
<i>xsp</i>	2.4	2.4.2	http://mono.ximian.com/

패키지	구 버전	신 버전	업스트림 URL
			monobuild/preview/sources-preview/
<i>znc</i>	new	0.076	http://znc.sf.net/
<i>znc-extra</i>	new	0.076	http://znc.sf.net/
<i>zoneminder</i>	1.24.1	1.24.2	http://www.zoneminder.com/

표 54. All System_Environment-Daemons changes (cont'd)

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8.7.3. 시스템 환경-커널

패키지	구 버전	신 버전	업스트림 URL
<i>b43-openfwfwf</i>	new	5.2	http://www.ing.unibs.it/openfwfwf/
<i>gfs-utils</i>	3.0.0	3.0.4	http://sources.redhat.com/cluster/wiki/
<i>gfs2-utils</i>	3.0.0	3.0.4	http://sources.redhat.com/cluster/wiki/
<i>iwl3945-firmware</i>	15.28.2.8	15.32.2.9	http://intellinuxwireless.org/
<i>iwl4965-firmware</i>	228.57.2.23	228.61.2.24	http://intellinuxwireless.org/
<i>iwl5000-firmware</i>	5.4.A.11	8.24.2.12	http://intellinuxwireless.org/
<i>kernel</i>	2.6.29.4	2.6.31.5	http://www.kernel.org/
<i>kernel-PAE</i>	2.6.29.4	2.6.31.5	http://www.kernel.org/
<i>kernel-PAE-devel</i>	2.6.29.4	2.6.31.5	http://www.kernel.org/
<i>kernel-devel</i>	2.6.29.4	2.6.31.5	http://www.kernel.org/
<i>ksplICE</i>	0.9.7	0.9.9	http://ksplICE.com
<i>module-init-tools</i>	3.7	3.9	n/a
<i>ocfs2console</i>	1.3.9	1.4.3	http://oss.oracle.com/projects/ocfs2-tools/
<i>ql2400-firmware</i>	4.04.05	4.04.09	ftp://ftp.qlogic.com/outgoing/linux/firmware/

패키지	구 버전	신 버전	업스트림 URL
<i>ql2500-firmware</i>	4.04.05	4.04.09	ftp://ftp.qlogic.com/outgoing/linux/firmware/

표 55. 시스템 환경-커널 모든 변경 사항

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8.7.4. 시스템 환경-라이브러리

패키지	구 버전	신 버전	업스트림 URL
<i>CGAL</i>	3.3.1	3.5	http://www.cgal.org/
<i>ClanLib</i>	0.8.1	1.0.0	http://www.clanlib.org/
<i>ConsoleKit</i>	0.3.0	0.4.1	http://www.freedesktop.org/wiki/Software/ConsoleKit
<i>DeviceKit</i>	003	dropped	http://gitweb.freedesktop.org/?p=users/david/DeviceKit.git;a=summary
<i>DeviceKit-disks</i>	004	009	http://cgit.freedesktop.org/DeviceKit/DeviceKit-disks/
<i>DeviceKit-power</i>	008	012	http://cgit.freedesktop.org/DeviceKit/DeviceKit-power/
<i>GraphicsMagick-c++</i>	1.1.14	1.3.7	http://www.graphicsmagick.org/
<i>GraphicsMagick-perl</i>	1.1.14	1.3.7	http://www.graphicsmagick.org/
<i>GtkAda</i>	2.10.2	2.14.0	https://libre.adacore.com/GtkAda/
<i>ImageMagick-c++</i>	6.5.1.2	6.5.4.7	http://www.imagemagick.org/
<i>ImageMagick-perl</i>	6.5.1.2	6.5.4.7	http://www.imagemagick.org/
<i>LuxRender-lib</i>	new	0.5	http://www.luxrender.net

패키지	구 버전	신 버전	업스트림 URL
<i>PackageKit</i>	0.4.6	0.5.4	http://www.packagekit.org
<i>PackageKit-smart</i>	0.4.6	0.5.4	http://www.packagekit.org
<i>PackageKit-yum</i>	0.4.6	0.5.4	http://www.packagekit.org
<i>PolicyKit</i>	0.9	dropped	http://gitweb.freedesktop.org/?p=PolicyKit.git;a=summary
<i>PolicyKit-gnome</i>	0.9.2	dropped	http://svn.gnome.org/viewvc/policykit-gnome/trunk
<i>PolicyKit-kde</i>	4.2.0	dropped	http://www.kde.org
<i>SDL_image</i>	1.2.6	1.2.7	http://www.libsdl.org/projects/SDL_image/
<i>SevenZip</i>	new	4.65	http://www.7-zip.org/sdk.html
<i>abrt-addon-ccpp</i>	0.0.3	0.0.11	https://fedorahosted.org/abrt/
<i>abrt-addon-kerneloops</i>	new	0.0.11	https://fedorahosted.org/abrt/
<i>abrt-addon-python</i>	new	0.0.11	https://fedorahosted.org/abrt/
<i>abrt-libs</i>	0.0.3	0.0.11	https://fedorahosted.org/abrt/
<i>abrt-plugin-bugzilla</i>	0.0.3	0.0.11	https://fedorahosted.org/abrt/
<i>abrt-plugin-filetransfer</i>	new	0.0.11	https://fedorahosted.org/abrt/
<i>abrt-plugin-kerneloopsreporter</i>	0.0.3	0.0.11	https://fedorahosted.org/abrt/
<i>abrt-plugin-logger</i>	0.0.3	0.0.11	https://fedorahosted.org/abrt/
<i>abrt-plugin-mailx</i>	0.0.3	0.0.11	https://fedorahosted.org/abrt/
<i>abrt-plugin-runapp</i>	0.0.3	0.0.11	https://fedorahosted.org/abrt/
<i>abrt-plugin-sosreport</i>	new	0.0.11	https://fedorahosted.org/abrt/
<i>abrt-plugin-sqlite3</i>	0.0.3	0.0.11	https://fedorahosted.org/abrt/
<i>afflib</i>	3.3.4	3.4.1	http://www.afflib.org

패키지	구 버전	신 버전	업스트림 URL
<i>akonadi</i>	1.1.2	1.2.1	http://download.akonadi-project.org/
<i>alsa-lib</i>	1.0.20	1.0.21	http://www.alsa-project.org/
<i>alsa-plugins-arcamav</i>	new	1.0.21	http://www.alsa-project.org/
<i>alsa-plugins-jack</i>	1.0.18	1.0.21	http://www.alsa-project.org/
<i>alsa-plugins-oss</i>	1.0.18	1.0.21	http://www.alsa-project.org/
<i>alsa-plugins-pulseaudio</i>	1.0.18	1.0.21	http://www.alsa-project.org/
<i>alsa-plugins-samplerate</i>	1.0.18	1.0.21	http://www.alsa-project.org/
<i>alsa-plugins-speex</i>	new	1.0.21	http://www.alsa-project.org/
<i>alsa-plugins-upmix</i>	1.0.18	1.0.21	http://www.alsa-project.org/
<i>alsa-plugins-usbstream</i>	1.0.18	1.0.21	http://www.alsa-project.org/
<i>alsa-plugins-vdownmix</i>	1.0.18	1.0.21	http://www.alsa-project.org/
<i>amarok-libs</i>	new	2.2.0	http://amarok.kde.org/
<i>anerley</i>	new	0.1.7	http://www.moblin.org/
<i>apr</i>	1.3.3	1.3.9	http://apr.apache.org/
<i>apr-util</i>	1.3.4	1.3.9	http://apr.apache.org/
<i>aqsis-libs</i>	1.4.2	1.6.0	http://www.aqsis.org
<i>at-spi</i>	1.26.0	1.28.1	http://developer.gnome.org/projects/gap/
<i>atk</i>	1.25.2	1.28.0	http://developer.gnome.org/projects/gap/
<i>audacious-libs</i>	1.5.1	2.1	http://audacious-media-player.org/
<i>augeas</i>	0.5.0	0.5.3	http://augeas.net/
<i>augeas-libs</i>	0.5.0	0.5.3	http://augeas.net/
<i>autotrust</i>	0.2.1	0.3.1	http://www.nlnetlabs.nl/autotrust/
<i>avogadro-libs</i>	0.9.3	1.0.0	http://avogadro.openmolecules.net/

패키지	구 버전	신 버전	업스트림 URL
<i>babl</i>	0.0.22	0.1.0	http://www.gegl.org/babl/
<i>banshee-musicbrainz</i>	1.4.3	1.5.1	http://banshee-project.org/
<i>bes</i>	3.6.2	3.7.2	http://www.opendap.org/download/BES.html
<i>bigloo-libs</i>	3.1b	3.2b	http://www-sop.inria.fr/mimosa/fp/Bigloo
<i>bind-dyndb-ldap</i>	new	0.1.0	http://mnagy.github.com/bind-dyndb-ldap
<i>binutils-devel</i>	2.19.51.0.2	2.19.51.0.14	http://sources.redhat.com/binutils
<i>bisho</i>	new	0.16	http://www.moblin.org/
<i>bluez-libs</i>	4.37	4.57	http://www.bluez.org/
<i>boost</i>	1.37.0	1.39.0	http://www.boost.org/
<i>boost-date-time</i>	new	1.39.0	http://www.boost.org/
<i>boost-filesystem</i>	new	1.39.0	http://www.boost.org/
<i>boost-graph</i>	new	1.39.0	http://www.boost.org/
<i>boost-iostreams</i>	new	1.39.0	http://www.boost.org/
<i>boost-math</i>	new	1.39.0	http://www.boost.org/
<i>boost-program-options</i>	new	1.39.0	http://www.boost.org/
<i>boost-python</i>	new	1.39.0	http://www.boost.org/
<i>boost-regex</i>	new	1.39.0	http://www.boost.org/
<i>boost-serialization</i>	new	1.39.0	http://www.boost.org/
<i>boost-signals</i>	new	1.39.0	http://www.boost.org/
<i>boost-system</i>	new	1.39.0	http://www.boost.org/
<i>boost-test</i>	new	1.39.0	http://www.boost.org/
<i>boost-thread</i>	new	1.39.0	http://www.boost.org/
<i>boost-wave</i>	new	1.39.0	http://www.boost.org/
<i>botan</i>	1.8.1	1.8.7	http://botan.randombit.net/
<i>bouncycastle-tsp</i>	new	1.43	http://www.bouncycastle.org/
<i>brasero-libs</i>	2.26.1	2.28.2	http://www.gnome.org/projects/brasero/
<i>c-ares</i>	1.5.3	1.6.0	http://c-ares.haxx.se/
<i>cairo</i>	1.8.6	1.8.8	http://cairographics.org

패키지	구 버전	신 버전	업스트림 URL
<i>celt</i>	0.5.2	0.7.0	http://www.celt-codec.org/
<i>chealpix</i>	2.11c	2.12a	http://healpix.jpl.nasa.gov/
<i>clamav-lib</i>	0.95.1	0.95.2	http://www.clamav.net
<i>clips-libs</i>	6.24	6.30.0	http://clipsrules.sourceforge.net
<i>clipsmm</i>	0.0.7	0.1.0	http://clipsmm.sourceforge.net
<i>cln</i>	1.2.2	1.3.0	http://www.ginac.de/CLN/
<i>clthreads</i>	new	2.4.0	http://www.kokkinizita.net/linuxaudio/
<i>clusterlib</i>	3.0.0	3.0.4	http://sources.redhat.com/cluster/wiki/
<i>clutter-caiomm</i>	0.7.4	dropped	http://www.gtkmm.org/
<i>clutter-gtkmm</i>	0.7.4	0.9.4	http://www.gtkmm.org/
<i>clutter-imcontext</i>	new	0.1.4	http://www.moblin.org/
<i>cluttermm</i>	0.7.5	0.9.4	http://www.gtkmm.org/
<i>compat-libgdammm</i>	new	3.0.1	http://www.gtkmm.org/
<i>compat-readline5</i>	new	5.2	http://cnswww.cns.cwru.edu/php/chet/readline/rltop.html
<i>compat-wxGTK26</i>	2.6.4	dropped	http://www.wxwidgets.org/
<i>compizconfig-backend-gconf</i>	0.7.8	0.8.2	http://www.opencompositing.org
<i>compizconfig-backend-kconfig</i>	0.7.8	0.8.2	http://www.opencompositing.org
<i>conexus</i>	0.6.0	0.9.0	http://conexus.sourceforge.net
<i>conexus-dbus</i>	new	0.9.0	http://conexus.sourceforge.net
<i>conexus-gtkmm</i>	0.6.0	0.9.0	http://conexus.sourceforge.net
<i>conexus-nspr</i>	0.6.0	0.9.0	http://conexus.sourceforge.net
<i>conexus-nss</i>	0.6.0	0.9.0	http://conexus.sourceforge.net

패키지	구 버전	신 버전	업스트림 URL
<i>conexus-ssl</i>	0.6.0	0.9.0	http://conexus.sourceforge.net
<i>coreutils-libs</i>	new	7.6	http://www.gnu.org/software/coreutils/
<i>corosynclib</i>	0.95	1.1.2	http://www.openais.org
<i>csound-java</i>	5.03.0	5.10.1	http://csound.sourceforge.net/
<i>cups-libs</i>	1.4	1.4.1	http://www.cups.org/
<i>cyphesis</i>	0.5.19	0.5.21	http://www.worldforge.org
<i>cyrus-imapd-perl</i>	2.3.14	2.3.15	http://cyrusimap.web.cmu.edu/
<i>cyrus-sasl</i>	2.1.22	2.1.23	http://asg.web.cmu.edu/sasl/sasl-library.html
<i>cyrus-sasl-gssapi</i>	2.1.22	2.1.23	http://asg.web.cmu.edu/sasl/sasl-library.html
<i>cyrus-sasl-ldap</i>	2.1.22	2.1.23	http://asg.web.cmu.edu/sasl/sasl-library.html
<i>cyrus-sasl-lib</i>	2.1.22	2.1.23	http://asg.web.cmu.edu/sasl/sasl-library.html
<i>cyrus-sasl-md5</i>	2.1.22	2.1.23	http://asg.web.cmu.edu/sasl/sasl-library.html
<i>cyrus-sasl-ntlm</i>	2.1.22	2.1.23	http://asg.web.cmu.edu/sasl/sasl-library.html
<i>cyrus-sasl-plain</i>	2.1.22	2.1.23	http://asg.web.cmu.edu/sasl/sasl-library.html
<i>cyrus-sasl-sql</i>	2.1.22	2.1.23	http://asg.web.cmu.edu/sasl/sasl-library.html
<i>dbus</i>	1.2.12	1.2.16	http://www.freedesktop.org/software/dbus/
<i>dbus-cxx</i>	new	0.4.3	http://dbus-cxx.sourceforge.net/
<i>dbus-cxx-glibmm</i>	new	0.4.3	http://dbus-cxx.sourceforge.net/

패키지	구 버전	신 버전	업스트림 URL
<i>dbus-glib</i>	0.80	0.82	http://www.freedesktop.org/software/dbus/
<i>device-mapper-libs</i>	1.02.31	1.02.38	http://sources.redhat.com/lvm2
<i>device-mapper-multipath-libs</i>	new	0.4.9	http://christophe.varoqui.free.fr/
<i>digikam-libs</i>	0.10.0	1.0.0	http://www.digikam.org/
<i>directfb</i>	1.2.7	1.4.2	http://www.directfb.org/
<i>dirmngr</i>	1.0.2	1.0.3	http://www.gnupg.org/
<i>dmraid-libs</i>	1.0.0.rc15	dropped	http://people.redhat.com/heinzm/sw/dmraid
<i>dnsjava</i>	new	2.0.6	http://www.dnsjava.org/
<i>eb</i>	4.3.2	4.4.1	http://www.sra.co.jp/people/m-kasahr/eb/
<i>eclipse-birt</i>	2.3.2	2.5	http://www.eclipse.org/birt/
<i>eclipse-dltk-sdk</i>	new	1.0.0	http://www.eclipse.org/dltk/
<i>eclipse-dtp</i>	1.6.2	1.7.0	http://www.eclipse.org/datatools/
<i>eclipse-eclox</i>	new	0.8.0	http://eclox.eu/
<i>eclipse-emf</i>	2.4.2	2.5.0	http://www.eclipse.org/modeling/emf/
<i>eclipse-emf-examples</i>	2.4.2	2.5.0	http://www.eclipse.org/modeling/emf/
<i>eclipse-emf-sdk</i>	2.4.2	2.5.0	http://www.eclipse.org/modeling/emf/
<i>eclipse-emf-xsd</i>	2.4.2	2.5.0	http://www.eclipse.org/modeling/emf/
<i>eclipse-emf-xsd-sdk</i>	2.4.2	2.5.0	http://www.eclipse.org/modeling/emf/
<i>eclipse-gef</i>	3.4.2	3.5.0	http://www.eclipse.org/gef/
<i>eclipse-gef-examples</i>	3.4.2	3.5.0	http://www.eclipse.org/gef/
<i>eclipse-gef-sdk</i>	3.4.2	3.5.0	http://www.eclipse.org/gef/
<i>emacs-common-uim</i>	1.5.5	1.5.6	http://code.google.com/p/uim/

패키지	구 버전	신 버전	업스트림 URL
<i>emacs-uim</i>	1.5.5	1.5.6	http://code.google.com/p/uim/
<i>enchant</i>	1.4.2	1.5.0	http://www.abisource.com/
<i>enchant-aspell</i>	1.4.2	1.5.0	http://www.abisource.com/
<i>enchant-voikko</i>	1.4.2	1.5.0	http://www.abisource.com/
<i>evince-libs</i>	new	2.28.1	http://projects.gnome.org/evince/
<i>evolution-data-server</i>	2.26.1	2.28.0	http://projects.gnome.org/evolution/
<i>evolution-sharp</i>	0.20.0	0.21.1	http://ftp.gnome.org/pub/GNOME/sources/evolution-sharp/
<i>ewl</i>	new	0.5.2.042	http://www.enlightenment.org/
<i>exiv2-libs</i>	0.18.1	0.18.2	http://www.exiv2.org/
<i>exo</i>	0.3.101	0.3.104	http://xfce.org/
<i>expatmm</i>	new	1.0.2	http://devzone.intellitree.com/projects/expatmm/
<i>farsight2</i>	0.0.9	0.0.16	http://farsight.freedesktop.org/wiki/
<i>fipscheck</i>	1.1.1	1.2.0	http://fedorahosted.org/fipscheck/
<i>fipscheck-devel</i>	1.1.1	1.2.0	http://fedorahosted.org/fipscheck/
<i>fipscheck-lib</i>	new	1.2.0	http://fedorahosted.org/fipscheck/
<i>firebird-libfbclient</i>	new	2.1.3.18185.0	http://www.firebirdsql.org/
<i>firebird-libfbembed</i>	new	2.1.3.18185.0	http://www.firebirdsql.org/
<i>flickcurl</i>	new	1.13	http://librdf.org/flickcurl/
<i>fluidsynth-libs</i>	1.0.8	1.0.9	http://www.fluidsynth.org/
<i>flute</i>	1.3	1.3.0	http://www.w3.org/Style/CSS/SAC/
<i>fontconfig</i>	2.6.99.behdad.20090508	2.7.3	http://fontconfig.org

패키지	구 버전	신 버전	업스트림 URL
<i>foomatic</i>	4.0.0	4.0.3	http://www.linuxprinting.org
<i>foomatic-db</i>	new	4.0	http://www.openprinting.org
<i>foomatic-db-ppds</i>	new	4.0	http://www.openprinting.org
<i>freeglut</i>	2.4.0	2.6.0	http://freeglut.sourceforge.net
<i>ftgl</i>	2.1.2	2.1.3	http://ftgl.wiki.sourceforge.net/
<i>fuse-libs</i>	2.7.4	2.8.1	http://fuse.sf.net
<i>fusecompress</i>	1.99.19	2.6	http://miio.net/fusecompress/
<i>gammu-libs</i>	1.23.92	1.25.0	http://cihar.com/gammu/
<i>garmindev</i>	0	0.3.0	http://www.qlandkarte.org
<i>gcin</i>	1.4.4	1.4.5	http://cle.linux.org.tw/gcin/
<i>gconfmm26</i>	2.24.0	2.28.0	http://gtkmm.sourceforge.net/
<i>gdal</i>	1.6.0	1.6.1	http://www.gdal.org/
<i>gegl</i>	0.0.22	0.1.0	http://www.gegl.org/
<i>ghdl-grt</i>	0.27	0.28	http://ghdl.free.fr/
<i>gimp-libs</i>	2.6.6	2.6.7	http://www.gimp.org/
<i>gjs</i>	new	0.4	http://live.gnome.org/Gjs/
<i>gl2ps</i>	1.3.2	1.3.3	http://www.geuz.org/gl2ps/
<i>glib2</i>	2.20.1	2.22.2	http://www.gtk.org
<i>glibc</i>	2.10.1	2.11	http://sources.redhat.com/glibc/
<i>glibmm24</i>	2.20.0	2.22.1	http://gtkmm.sourceforge.net/
<i>globus-callout</i>	new	0.7	http://www.globus.org/
<i>globus-ftp-client</i>	new	3.14	http://www.globus.org/
<i>globus-ftp-control</i>	new	2.10	http://www.globus.org/
<i>globus-gass-copy</i>	new	4.14	http://www.globus.org/
<i>globus-gass-transfer</i>	new	3.4	http://www.globus.org/
<i>globus-gsi-callback</i>	new	1.10	http://www.globus.org/

패키지	구 버전	신 버전	업스트림 URL
<i>globus-gsi-cert-utils</i>	new	5.5	http://www.globus.org/
<i>globus-gsi-credential</i>	new	2.2	http://www.globus.org/
<i>globus-gsi-openssl-error</i>	new	0.14	http://www.globus.org/
<i>globus-gsi-proxy-core</i>	new	3.4	http://www.globus.org/
<i>globus-gsi-proxy-ssl</i>	new	1.5	http://www.globus.org/
<i>globus-gsi-sysconfig</i>	new	2.2	http://www.globus.org/
<i>globus-gss-assist</i>	new	4.0	http://www.globus.org/

표 56. 시스템 환경-라이브러리 모든 변경 사항

패키지	구 버전	신 버전	업스트림 URL
<i>globus-gssapi-error</i>	new	2.5	http://www.globus.org/
<i>globus-gssapi-gsi</i>	new	5.9	http://www.globus.org/
<i>globus-io</i>	new	6.3	http://www.globus.org/
<i>globus-openssl</i>	new	3.0	http://www.globus.org/
<i>globus-openssl-module</i>	new	0.6	http://www.globus.org/
<i>globus-rls-client</i>	new	5.1	http://www.globus.org/
<i>globus-rsl</i>	new	5.0	http://www.globus.org/
<i>globus-rsl-assist</i>	new	2.1	http://www.globus.org/
<i>globus-usage</i>	new	1.0	http://www.globus.org/
<i>globus-xio</i>	new	2.8	http://www.globus.org/
<i>globus-xio-gsi-driver</i>	new	0.6	http://www.globus.org/
<i>globus-xio-popen-driver</i>	new	0.2	http://www.globus.org/
<i>glom-libs</i>	1.10.0	1.12.2	http://www.glom.org/
<i>gloox</i>	new	1.0	http://camaya.net/gloox
<i>glpk</i>	4.36	4.39	http://www.gnu.org/software/glpk/glpk.html
<i>glusterfs-common</i>	2.0.0	2.0.6	http://www.gluster.org/
<i>gmime</i>	2.4.3	2.4.7	http://spruce.sourceforge.net/gmime/
<i>gmp</i>	4.2.4	4.3.1	http://gmplib.org/
<i>gnome-bluetooth-libs</i>	2.27.5	2.28.3	http://live.gnome.org/GnomeBluetooth
<i>gnome-desktop</i>	2.26.1	2.28.1	http://www.gnome.org
<i>gnome-devel-docs</i>	2.26.1	2.28.0	http://library.gnome.org
<i>gnome-disk-utility</i>	0.3	2.28.1	http://git.gnome.org/cgit/gnome-disk-utility
<i>gnome-keyring</i>	2.26.1	2.28.1	http://www.gnome.org
<i>gnome-menus</i>	2.26.1	2.28.0	http://www.gnome.org/

패키지	구 버전	신 버전	업스트림 URL
<i>gnome-user-share</i>	2.26.0	2.28.1	http://www.gnome.org
<i>gnome-vfs2</i>	2.24.1	2.24.2	http://www.gnome.org/
<i>gnome-vfs2-smb</i>	2.24.1	2.24.2	http://www.gnome.org/
<i>gnome-vfsmm26</i>	2.24.0	2.26.0	http:// gtkmm.sourceforge.net/
<i>gnonlin</i>	0.10.10	0.10.13	http:// gnonlin.sourceforge.net/
<i>gnutls</i>	2.6.6	2.8.5	http://www.gnutls.org/
<i>goocanvas</i>	0.13	0.14	http://live.gnome.org/ GooCanvas
<i>goocanvasmm</i>	0.13.0	0.14.0	http:// gtkmm.sourceforge.net/
<i>gpp4</i>	1.0.4	1.2.0	http:// dmz-212.daimi.au.dk/ ~mok/gpp4
<i>gsl</i>	1.12	1.13	http://www.gnu.org/ software/gsl/
<i>gsm</i>	1.0.12	1.0.13	http://kbs.cs.tu- berlin.de/~jutta/ toast.html
<i>gssdp</i>	0.6.4	0.7.0	http://www.gupnp.org/
<i>gstreamer-java</i>	1.0	1.2	http://code.google.com/ p/gstreamer-java/
<i>gstreamermm</i>	0.10.1	0.10.5	http://www.gtkmm.org/
<i>gtk-murrine-engine</i>	0.53.1	0.90.3	http://www.cimitan.com/ murrine/
<i>gtk-sharp2</i>	2.12.7	2.12.9	http://gtk-sharp.sf.net
<i>gtk2</i>	2.16.1	2.18.3	http://www.gtk.org
<i>gtk2-engines</i>	2.18.1	2.18.4	http:// download.gnome.org/ sources/gtk-engines
<i>gtk2-immodule-xim</i>	2.16.1	2.18.3	http://www.gtk.org
<i>gtk2-immodules</i>	2.16.1	2.18.3	http://www.gtk.org
<i>gtkhtml3</i>	3.26.1.1	3.28.0	http:// projects.gnome.org/ evolution/
<i>gtkmm-utils</i>	new	0.4.1	http://code.google.com/ p/gtkmm-utils/
<i>gtkmm24</i>	2.16.0	2.18.1	http:// gtkmm.sourceforge.net/
<i>gtksourcecompletion</i>	0.5.2	0.7.0	http:// gtksourcecomple.sourceforge.net/

패키지	구 버전	신 버전	업스트림 URL
<i>gtksourceview2</i>	2.6.1	2.8.1	http:// gtksourceview.sourceforge.net/
<i>guiloader</i>	2.13.0	2.15.0	http://crow- designer.sourceforge.net/
<i>guiloader-c++</i>	2.13.0	2.15.0	http://crow- designer.sourceforge.net/
<i>gupnp</i>	0.12.7	0.13.1	http://www.gupnp.org/
<i>gupnp-av</i>	0.4	0.5.1	http://www.gupnp.org/
<i>gupnp-igd</i>	0.1.1	0.1.3	http://www.gupnp.org/
<i>gupnp-tools</i>	0.7.1	0.8	http://www.gupnp.org/
<i>gutenprint-foomatic</i>	5.2.3	5.2.4	http://gimp- print.sourceforge.net/
<i>gvfs</i>	1.2.3	1.4.1	http://www.gtk.org
<i>gvfs-afc</i>	new	1.4.1	http://www.gtk.org
<i>gvfs-archive</i>	1.2.3	1.4.1	http://www.gtk.org
<i>gvfs-fuse</i>	1.2.3	1.4.1	http://www.gtk.org
<i>gvfs-gphoto2</i>	1.2.3	1.4.1	http://www.gtk.org
<i>gvfs-obexftp</i>	1.2.3	1.4.1	http://www.gtk.org
<i>gvfs-smb</i>	1.2.3	1.4.1	http://www.gtk.org
<i>gypsy</i>	0.6	0.7	http:// gypsy.freedesktop.org/
<i>hal</i>	0.5.12	0.5.13	http:// www.freedesktop.org/ Software/hal
<i>hal-info</i>	20090414	20090716	http:// www.freedesktop.org/ Software/hal
<i>hamlib</i>	1.2.8	1.2.9	http:// hamlib.sourceforge.net
<i>hdf5</i>	1.8.2	1.8.3	http:// www.hdfgroup.org/ HDF5/
<i>healpix-c++</i>	2.11c	2.12a	http:// healpix.jpl.nasa.gov/
<i>healpix-c++-devel</i>	2.11c	2.12a	http:// healpix.jpl.nasa.gov/
<i>hplip-common</i>	new	3.9.8	http:// hplip.sourceforge.net/
<i>hplip-libs</i>	3.9.2	3.9.8	http:// hplip.sourceforge.net/
<i>hulahop</i>	0.4.9	0.6.0	http:// www.sugarlabs.org

패키지	구 버전	신 버전	업스트림 URL
<i>ibus</i>	1.1.0.20090423	1.2.0.20091024	http://code.google.com/p/ibus/
<i>ibus-anthy</i>	1.1.0.20090402	1.2.0.20090917	http://code.google.com/p/ibus/
<i>ibus-chewing</i>	1.0.10.20090523	1.2.0.20091002	http://code.google.com/p/ibus/
<i>ibus-gtk</i>	1.1.0.20090423	1.2.0.20091024	http://code.google.com/p/ibus/
<i>ibus-hangul</i>	1.1.0.20090328	1.2.0.20090617	http://code.google.com/p/ibus/
<i>ibus-libs</i>	1.1.0.20090423	1.2.0.20091024	http://code.google.com/p/ibus/
<i>ibus-m17n</i>	1.1.0.20090211	1.2.0.20090617	http://code.google.com/p/ibus/
<i>ibus-pinyin</i>	1.1.0.20090303	1.2.0.20090915	http://code.google.com/p/ibus/
<i>ibus-qt</i>	new	1.2.0.20091014	http://code.google.com/p/ibus/
<i>ibus-rawcode</i>	1.0.0.20090303	1.2.0.20090703	http://github.com/pravins/ibus-rawcode/tree/master
<i>ibus-sayura</i>	1.0.0.20090326	1.2.0.20090703	http://github.com/pravins/ibus-sayura/tree/master
<i>ibus-table</i>	1.1.0.20090316	1.2.0.20090912	http://code.google.com/p/ibus/
<i>ibus-table-additional</i>	1.1.0.20090316	1.2.0.20090912	http://code.google.com/p/ibus/
<i>ibus-table-array30</i>	new	1.2.0.20090729	http://github.com/definite/ibus-table-array30/tree/master
<i>ibus-table-cangjie</i>	1.1.0.20090309	1.2.0.20090831	http://code.google.com/p/ibus/
<i>ibus-table-erbi</i>	1.1.0.20090407	1.2.0.20090901	http://code.google.com/p/ibus/
<i>ibus-table-extraphrase</i>	new	1.1.0.20090415	http://code.google.com/p/ibus/
<i>ibus-table-quick</i>	new	1.2.0.20090902	http://code.google.com/p/ibus/
<i>ibus-table-translit</i>	new	1.2.0.20090907	http://code.google.com/p/ibus/
<i>ibus-table-wubi</i>	1.1.0.20090327	1.2.0.20090715	http://code.google.com/p/ibus/

패키지	구 버전	신 버전	업스트림 URL
<i>ibus-table-xinhua</i>	new	1.2.0.20090720	http://code.google.com/p/ibus/
<i>ibus-table-yong</i>	new	1.2.0.20090717	http://code.google.com/p/ibus/
<i>ifuse</i>	0.1.0	0.9.3	http://matt.colyer.name/projects/iphone-linux/
<i>igraph</i>	0.5.1	0.5.2	http://cneurocvvs.rmki.kfki.hu/igraph
<i>iksemel</i>	1.3	1.4	http://code.google.com/p/iksemel/
<i>iniparser</i>	new	3.0	http://ndevilla.free.fr/iniparser/
<i>ipa-python</i>	1.2.1	1.2.2	http://www.freeipa.org/
<i>irrlight</i>	1.5	1.5.1	http://irrlight.sourceforge.net/
<i>jVorbisEnc</i>	new	0.1	http://zbignew.sudnik.org/app/vorbis/vorbis.html
<i>jana</i>	new	0.4.5	http://git.gnome.org/cgit/jana/
<i>jcommon</i>	1.0.15	1.0.16	http://www.jfree.org/jcommon
<i>jcommon-xml</i>	1.0.15	1.0.16	http://www.jfree.org/jcommon
<i>jjack</i>	new	0.3	http://jjack.berlios.de/
<i>jorbis</i>	new	0.0.17	http://www.jcraft.com/jorbis/index.html
<i>jorbis-comment</i>	new	0.0.17	http://www.jcraft.com/jorbis/index.html
<i>jorbis-player</i>	new	0.0.17	http://www.jcraft.com/jorbis/index.html
<i>json-glib</i>	0.6.2	0.8.0	http://live.gnome.org/JsonGlib
<i>jss</i>	4.2.5	4.2.6	http://www.mozilla.org/projects/security/pki/jss/
<i>kdeaccessibility-libs</i>	new	4.3.2	http://accessibility.kde.org/
<i>kdebase-libs</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdebase-runtime-libs</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdebase-workspace-libs</i>	4.2.2	4.3.2	http://www.kde.org/

패키지	구 버전	신 버전	업스트림 URL
<i>kdeedu-kstars-libs</i>	new	4.3.2	http://www.kde.org/
<i>kdeedu-libs</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdeedu-marble-libs</i>	new	4.3.2	http://www.kde.org/
<i>kdegames-libs</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdegraphics-libs</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdelibs</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdelibs-common</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdelibs-experimental</i>	new	4.3.2	http://www.kde.org/
<i>kdemultimedia-libs</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdenetwork-libs</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdepim-libs</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdepim-runtime-libs</i>	new	4.3.2	http://www.kde.org/
<i>kdepimlibs</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdepimlibs-akonadi</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdeplasma-addons-libs</i>	new	4.3.2	http://www.kde.org/
<i>kdesdk-libs</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdeutils-libs</i>	new	4.3.2	http://www.kde.org/
<i>kgtk</i>	0.9.4	0.10.1	http://www.kde-apps.org/content/show.php?content=36077
<i>kio_msits</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kio_sysinfo</i>	20090216	20090930	http://www.kde.org/
<i>kmymoney2-libs</i>	0.9.3	1.0.1	http://kmymoney2.sourceforge.net/
<i>knetworkmanager-libs</i>	new	0.9	http://websvn.kde.org/trunk/playground/base/plasma/applets/networkmanager/
<i>krb5-libs</i>	1.6.3	1.7	http://web.mit.edu/kerberos/www/
<i>krb5-pkinit-openssl</i>	1.6.3	1.7	http://web.mit.edu/kerberos/www/
<i>ktorrent-libs</i>	new	3.2.5	http://ktorrent.org/
<i>lcdproc</i>	0.5.2	0.5.3	http://lcdproc.omnipotent.net
<i>ldns</i>	1.5.1	1.6.1	http://www.nlnetlabs.nl/ldns/
<i>lensfun</i>	0.2.3	0.2.4	http://lensfun.berlios.de/

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<i>lesstif</i>	0.95.0	0.95.2	http://www.lesstif.org/
<i>libEMF</i>	1.0.3	1.0.4	http://libemf.sourceforge.net/
<i>libHX</i>	2.5	3.1	http://sourceforge.net/projects/libhx/
<i>libICE</i>	1.0.4	1.0.6	http://www.x.org
<i>libX11</i>	1.2	1.3	http://www.x.org
<i>libX11-common</i>	new	1.3	http://www.x.org
<i>libXScrnSaver</i>	1.1.3	1.2.0	http://www.x.org
<i>libXau</i>	1.0.4	1.0.5	http://www.x.org
<i>libXaw</i>	1.0.4	1.0.6	http://www.x.org
<i>libXcomposite</i>	0.4.0	0.4.1	http://www.x.org
<i>libXcursor</i>	1.1.9	1.1.10	http://www.x.org
<i>libXdamage</i>	1.1.1	1.1.2	http://www.x.org
<i>libXdamage</i>	1.1.1	1.1.2	http://www.x.org
<i>libXdmcp</i>	1.0.2	1.0.3	http://www.x.org
<i>libXext</i>	1.0.99.1	1.1	http://www.x.org
<i>libXfixes</i>	4.0.3	4.0.4	http://www.x.org
<i>libXfont</i>	1.4.0	1.4.1	http://www.x.org
<i>libXi</i>	1.2.1	1.3	http://www.x.org
<i>libXinerama</i>	1.0.3	1.1	http://www.x.org
<i>libXmu</i>	1.0.4	1.0.5	http://www.x.org
<i>libXpm</i>	3.5.7	3.5.8	http://www.x.org
<i>libXrandr</i>	1.2.99.4	1.3.0	http://www.x.org
<i>libXrender</i>	0.9.4	0.9.5	http://www.x.org
<i>libXres</i>	1.0.3	1.0.4	http://www.x.org
<i>libXt</i>	1.0.5	1.0.7	http://www.x.org
<i>libXtst</i>	1.0.3	1.0.99.2	http://www.x.org
<i>libXv</i>	1.0.4	1.0.5	http://www.x.org
<i>libXxf86dga</i>	1.0.2	1.1.1	http://www.x.org
<i>libXxf86misc</i>	1.0.1	1.0.2	http://www.x.org
<i>libXxf86vm</i>	1.0.2	1.1.0	http://www.x.org
<i>libabiword</i>	2.6.8	2.8.1	http://www.abisource.com/
<i>libarchive</i>	2.6.2	2.7.1	http://code.google.com/p/libarchive/
<i>libass</i>	0.9.6	0.9.7	http://code.google.com/p/libass/

패키지	구 버전	신 버전	업스트림 URL
<i>libasyncns</i>	0.7	0.8	http://0pointer.de/lennart/projects/libasyncns/
<i>libatasmart</i>	0.12	0.17	http://git.0pointer.de/?p=libatasmart.git;a=summary
<i>libbdevid-python</i>	6.0.86	6.0.93	git://git.fedoraproject.org/git/hosted/mkinitrd
<i>libbonobo</i>	2.24.1	2.24.2	http://ftp.gnome.org
<i>libbonoboui</i>	2.24.1	2.24.2	http://www.gnome.org
<i>libburn</i>	0.6.0	0.7.0	http://libburnia-project.org/
<i>libcanberra</i>	0.12	0.22	http://git.0pointer.de/?p=libcanberra.git;a=summary
<i>libcanberra-gtk2</i>	0.12	0.22	http://git.0pointer.de/?p=libcanberra.git;a=summary
<i>libcap-ng</i>	new	0.6.2	http://people.redhat.com/sgrubb/libcap-ng
<i>libccss</i>	new	0.3.1	http://people.freedesktop.org/~robsta/libccss/
<i>libchamplain</i>	0.2.9	0.4.2	http://projects.gnome.org/libchamplain/
<i>libchamplain-gtk</i>	new	0.4.2	http://projects.gnome.org/libchamplain/
<i>libcmptutil</i>	0.4	0.5	http://libvirt.org/CIM/
<i>libcompizconfig</i>	0.7.8	0.8.2	http://www.opencompositing.org/
<i>libconfig</i>	1.3.1	1.3.2	http://www.hyperrealm.com/libconfig/
<i>libdaemon</i>	0.13	0.14	http://0pointer.de/lennart/projects/libdaemon/
<i>libdc1394</i>	2.1.0	2.1.2	http://sourceforge.net/projects/libdc1394/
<i>libdmx</i>	1.0.2	1.1.0	http://www.x.org
<i>libdrm</i>	2.4.6	2.4.15	http://dri.sourceforge.net
<i>libdvdnv</i>	4.1.3	4.1.4	n/a

패키지	구 버전	신 버전	업스트림 URL
<i>libdvdread</i>	4.1.3	4.1.4	n/a
<i>libepc</i>	0.3.9	0.3.10	http://live.gnome.org/libepc/
<i>libetpan</i>	0.57	0.58	http://www.etpan.org/
<i>libev</i>	3.53	3.80	http://software.schmorp.de/pkg/libev.html
<i>libev-devel</i>	3.53	3.80	http://software.schmorp.de/pkg/libev.html
<i>libevent</i>	1.4.5	1.4.12	http://monkey.org/~provos/libevent/
<i>libextractor</i>	0.5.22	0.5.23	http://gnunet.org/libextractor/
<i>libextractor-plugins</i>	0.5.22	0.5.23	http://gnunet.org/libextractor/
<i>libextractor-plugins-base</i>	0.5.22	0.5.23	http://gnunet.org/libextractor/
<i>libextractor-plugins-exiv2</i>	0.5.22	0.5.23	http://gnunet.org/libextractor/
<i>libextractor-plugins-flac</i>	0.5.22	0.5.23	http://gnunet.org/libextractor/
<i>libextractor-plugins-ogg</i>	0.5.22	0.5.23	http://gnunet.org/libextractor/
<i>libextractor-plugins-ole2</i>	0.5.22	0.5.23	http://gnunet.org/libextractor/
<i>libextractor-plugins-pdf</i>	0.5.22	0.5.23	http://gnunet.org/libextractor/
<i>libextractor-plugins-thumbnailgtk</i>	0.5.22	0.5.23	http://gnunet.org/libextractor/
<i>libextractor-plugins-thumbnailqt</i>	0.5.22	0.5.23	http://gnunet.org/libextractor/
<i>libfontenc</i>	1.0.4	1.0.5	http://www.x.org
<i>libfpll</i>	3.0.11	3.0.12	http://perso.ens-lyon.fr/damien.stehle/english.html#software
<i>libftdi</i>	0.15	0.16	http://www.intra2net.com/de/produkte/opensource/ftdi/
<i>libfwbuilder</i>	3.0.3	3.0.5	http://www.fwbuilder.org/

패키지	구 버전	신 버전	업스트림 URL
<i>libgadu</i>	1.8.2	1.9.0	http://toxygen.net/libgadu/
<i>libgarmin</i>	new	0	http://libgarmin.sourceforge.net/
<i>libgcc</i>	4.4.0	4.4.2	http://gcc.gnu.org
<i>libgcj</i>	4.4.0	4.4.2	http://gcc.gnu.org
<i>libgcj-src</i>	4.4.0	4.4.2	http://gcc.gnu.org
<i>libgda</i>	4.0.0	4.0.4	http://www.gnome-db.org/
<i>libgda-mdb</i>	4.0.0	4.0.4	http://www.gnome-db.org/
<i>libgda-mysql</i>	4.0.0	4.0.4	http://www.gnome-db.org/
<i>libgda-postgres</i>	4.0.0	4.0.4	http://www.gnome-db.org/
<i>libgda-sqlite</i>	4.0.0	4.0.4	http://www.gnome-db.org/
<i>libgdamm</i>	3.99.14	3.99.17.1	http://www.gtkmm.org/
<i>libgdata</i>	0.1.1	0.5.0	http://live.gnome.org/libgdata
<i>libgdiplus</i>	2.4	2.4.2	http://mono-project.com/Libgdiplus
<i>libgee</i>	0.1.5	0.3.0	http://live.gnome.org/Libgee
<i>libgfortran</i>	4.4.0	4.4.2	http://gcc.gnu.org
<i>libglpng</i>	new	1.45	https://admin.fedoraproject.org/pkgdb/packages/name/libglpng
<i>libgnat</i>	4.4.0	4.4.2	http://gcc.gnu.org
<i>libgnat-devel</i>	4.4.0	4.4.2	http://gcc.gnu.org
<i>libgnome</i>	2.26.0	2.28.0	http://www.gnome.org

표 57. All System_Environment-Libraries changes (cont'd)

패키지	구 버전	신 버전	업스트림 URL
<i>libgnomedb</i>	3.99.7	dropped	http://www.gnome-db.org/
<i>libgnomekbd</i>	2.26.0	2.28.0	http://gswitchit.sourceforge.net/
<i>libgnomemm26</i>	2.26.0	2.28.0	http://gtkmm.sourceforge.net/

패키지	구 버전	신 버전	업스트림 URL
<i>libgnomeuimm26</i>	2.26.0	2.28.0	http://gtkmm.sourceforge.net/
<i>libgomp</i>	4.4.0	4.4.2	http://gcc.gnu.org
<i>libgpod</i>	0.7.0	0.7.2	http://www.gtkpod.org/libgpod.html
<i>libgsf</i>	1.14.11	1.14.15	http://www.gnome.org/projects/libgsf/
<i>libgsf-gnome</i>	1.14.11	1.14.15	http://www.gnome.org/projects/libgsf/
<i>libgtop2</i>	2.26.1	2.28.0	http://download.gnome.org/sources/libgtop/2.28
<i>libgweather</i>	2.26.1	2.28.0	http://www.gnome.org
<i>libhangul</i>	0.0.8	0.0.9	http://kldp.net/projects/hangul/
<i>libhbalinux</i>	1.0.7	1.0.8	http://www.open-fcoe.org
<i>libhugetlbfs</i>	2.2	2.6	http://libhugetlbfs.sourceforge.net/
<i>libibcommon</i>	1.1.0	1.2.0	http://openfabrics.org/
<i>libibcommon-devel</i>	1.1.0	1.2.0	http://openfabrics.org/
<i>libibcommon-static</i>	1.1.0	1.2.0	http://openfabrics.org/
<i>libibmad</i>	1.2.0	1.3.2	http://openfabrics.org/
<i>libibmad-devel</i>	1.2.0	1.3.2	http://openfabrics.org/
<i>libibmad-static</i>	1.2.0	1.3.2	http://openfabrics.org/
<i>libibumad</i>	1.2.0	1.3.2	http://openfabrics.org
<i>libibumad-devel</i>	1.2.0	1.3.2	http://openfabrics.org
<i>libibumad-static</i>	1.2.0	1.3.2	http://openfabrics.org
<i>libicns</i>	0.6.2	0.7.0	http://icns.sourceforge.net/
<i>libicu</i>	4.0.1	4.2.1	http://www.icu-project.org/
<i>libinfinity</i>	new	0.3.0	http://gobby.0x539.de/trac/wiki/Infinote/Libinfinity
<i>libinfinity-gtk</i>	new	0.3.0	http://gobby.0x539.de/trac/wiki/Infinote/Libinfinity
<i>libint</i>	new	1.1.4	http://www.files.chem.vt.edu/chem-dept/valeev/

패키지	구 버전	신 버전	업스트림 URL
			software/libint/libint.html
<i>libiodbc</i>	new	3.52.7	http://www.iodbc.org/
<i>libiphone</i>	0.1.0	0.9.3	http://matt.colyer.name/projects/iphone-linux/
<i>libirman</i>	new	0.4.5	http://lirc.sourceforge.net/software/snapshots/
<i>libisofs</i>	0.6.16	0.6.20	http://libburnia-project.org/
<i>libitl</i>	0.6.4	0.7.0	http://www.arabeyes.org/project.php?proj=ITL
<i>libkate</i>	0.3.1	0.3.6	http://code.google.com/p/libkate/
<i>libklfbbackend</i>	new	3.0.1	http://klatexformula.sourceforge.net/
<i>libksba</i>	1.0.5	1.0.6	http://www.gnupg.org/
<i>libblastfm</i>	new	0.3.0	http://github.com/mxcl/libblastfm/tree/master
<i>liblqr-1</i>	0.1.0	0.4.1	http://liquidrescale.wikidot.com/
<i>libmemcached</i>	new	0.31	http://tangent.org/552/libmemcached.html
<i>libmetalink</i>	new	0.0.3	https://launchpad.net/libmetalink
<i>libmkv</i>	0.6.3.1	0.6.4	http://repo.or.cz/w/libmkv.git
<i>libmowgli</i>	0.5.0	0.7.0	http://atheme.org
<i>libmtp</i>	0.3.7	1.0.1	http://libmtp.sourceforge.net/
<i>libmtp-devel</i>	0.3.7	1.0.1	http://libmtp.sourceforge.net/
<i>libmudflap</i>	4.4.0	4.4.2	http://gcc.gnu.org
<i>libnet</i>	1.1.3	1.1.4	http://www.sourceforge.net/projects/libnet-dev/
<i>libnice</i>	0.0.6	0.0.9	http://nice.freedesktop.org/wiki/
<i>libobjc</i>	4.4.0	4.4.2	http://gcc.gnu.org
<i>libogg</i>	1.1.3	1.1.4	http://www.xiph.org/

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<i>libopensync-plugin-synce</i>	0.22	0.22.1	http://www.synce.org
<i>libopensync-plugin-synce-wm5</i>	0.13	0.14	http://www.synce.org/
<i>libotf</i>	0.9.8	0.9.9	http://www.m17n.org/libotf/
<i>libpanelappletmm</i>	2.22.0	2.26.0	http://gtkmm.sourceforge.net/
<i>libpathfinder-nss</i>	new	1.1.0	http://code.google.com/p/pathfinder-pki/
<i>libpathfinder-openssl</i>	new	1.1.0	http://code.google.com/p/pathfinder-pki/
<i>libpciaccess</i>	0.10.5	0.10.9	http://gitweb.freedesktop.org/?p=xorg/lib/libpciaccess.git
<i>libplist</i>	new	0.13	http://matt.colyer.name/projects/iphone-linux/
<i>libpng</i>	1.2.35	1.2.39	http://www.libpng.org/pub/png/
<i>libpng10</i>	1.0.43	1.0.50	http://www.libpng.org/pub/png/libpng.html
<i>libprelude</i>	0.9.21.2	0.9.24.1	http://prelude-ids.org/
<i>libprelude-devel</i>	0.9.21.2	0.9.24.1	http://prelude-ids.org/
<i>libprelude-perl</i>	0.9.21.2	0.9.24.1	http://prelude-ids.org/
<i>libprelude-python</i>	0.9.21.2	0.9.24.1	http://prelude-ids.org/
<i>libprelude-ruby</i>	0.9.21.2	0.9.24.1	http://prelude-ids.org/
<i>libpri</i>	1.4.7	1.4.10	http://www.asterisk.org/
<i>libpuzzle</i>	new	0.11	http://libpuzzle.pureftpd.org/project/libpuzzle
<i>libqinfinity</i>	new	1.0	http://greghaynes.github.com/libqinfinity/
<i>librapi</i>	0.13.1	0.14	http://www.synce.org
<i>libraw1394</i>	2.0.1	2.0.4	http://www.dennedy.org/libraw1394/
<i>librra</i>	0.13	0.14	http://www.synce.org
<i>libsamplerate</i>	0.1.6	0.1.7	http://www.mega-nerd.com/SRC/

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<i>libselinux</i>	2.0.80	2.0.87	http://www.selinuxproject.org
<i>libsemanage</i>	2.0.31	2.0.39	http://www.selinuxproject.org
<i>libsepol</i>	2.0.36	2.0.38	http://www.selinuxproject.org
<i>libsigc++20</i>	2.2.2	2.2.4.2	http://libsigc.sourceforge.net/
<i>libsilk</i>	1.1.8	1.1.10	http://www.silknet.org/
<i>libsndfile</i>	1.0.17	1.0.20	http://www.mega-nerd.com/libsndfile/
<i>libss7</i>	1.0.1	1.0.2	http://www.asterisk.org/
<i>libssh</i>	new	0.2	http://0xbadc0de.be/?part=libssh
<i>libssh2</i>	1.0	1.2	http://www.libssh2.org/
<i>libstdc++</i>	4.4.0	4.4.2	http://gcc.gnu.org
<i>libsynce</i>	0.13	0.14	http://www.synce.org
<i>libtasn1</i>	1.8	2.3	http://www.gnu.org/software/libtasn1/
<i>libthai</i>	0.1.9	0.1.12	http://linux.thai.net
<i>libtheora</i>	1.0	1.1.0	http://www.theora.org
<i>libtirpc</i>	0.1.10	0.2.0	http://nfsv4.bullopen-source.org/
<i>libtnc</i>	new	1.22	http://libtnc.sourceforge.net/
<i>libtorrent</i>	0.12.4	0.12.5	http://libtorrent.rakshasa.no/
<i>libudev</i>	new	145	http://www.kernel.org/pub/linux/utils/kernel/hotplug/udev.html
<i>libusb1</i>	1.0.0	1.0.3	http://libusb.wiki.sourceforge.net/Libusb1.0
<i>libv4l</i>	0.5.9	0.6.3	http://hansdegoede.livejournal.com/3636.html
<i>libvmime</i>	new	0.9.0	http://www.vmime.org/
<i>libvncserver</i>	0.9.1	0.9.7	http://libvncserver.sourceforge.net/
<i>libvoikko</i>	2.1	2.2.1	http://voikko.sourceforge.net/
<i>libvorbis</i>	1.2.0	1.2.3	http://www.xiph.org/

패키지	구 버전	신 버전	업스트림 URL
<i>libwnck</i>	2.26.1	2.28.0	http://download.gnome.org/sources/libwnck/
<i>libwvstreams</i>	4.5.1	4.6	http://alumnit.ca/wiki/index.php?page=WvStreams
<i>libxcb</i>	1.2	1.4	http://xcb.freedesktop.org/
<i>libxdg-basedir</i>	new	1.0.2	http://n.ethz.ch/student/nevillm/download/libxdg-basedir
<i>libxkbfile</i>	1.0.4	1.0.6	http://www.x.org
<i>libyaz</i>	3.0.41	3.0.49	http://www.indexdata.dk/yaz/
<i>libzdb</i>	2.4	2.6	http://www.tildeslash.com/libzdb/
<i>lirc-libs</i>	0.8.5	0.8.6	http://www.lirc.org/
<i>lm_sensors-libs</i>	new	3.1.1	http://www.lm-sensors.org/
<i>lpsolve</i>	5.5.0.14	5.5.0.15	http://sourceforge.net/projects/lpsolve
<i>lvm2-libs</i>	new	2.02.53	http://sources.redhat.com/lvm2
<i>lxc-libs</i>	new	0.6.3	http://lxc.sourceforge.net
<i>m17n-contrib</i>	1.1.9	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-contrib-assamese</i>	1.1.9	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-contrib-bengali</i>	1.1.9	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-contrib-chinese</i>	new	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-contrib-czech</i>	new	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-contrib-esperanto</i>	1.1.9	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-contrib-gujarati</i>	1.1.9	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-contrib-hindi</i>	1.1.9	1.1.10	http://www.m17n.org/m17n-lib/index.html

패키지	구 버전	신 버전	업스트림 URL
<i>m17n-contrib-kannada</i>	1.1.9	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-contrib-kashmiri</i>	new	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-contrib-maithili</i>	1.1.9	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-contrib-malayalam</i>	1.1.9	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-contrib-marathi</i>	1.1.9	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-contrib-nepali</i>	1.1.9	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-contrib-oriya</i>	1.1.9	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-contrib-pashto</i>	new	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-contrib-punjabi</i>	1.1.9	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-contrib-russian</i>	1.1.9	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-contrib-sindhi</i>	1.1.9	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-contrib-sinhala</i>	1.1.9	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-contrib-tai</i>	1.1.9	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-contrib-tamil</i>	1.1.9	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-contrib-telugu</i>	1.1.9	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-contrib-urdu</i>	1.1.9	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-contrib-vietnamese</i>	1.1.9	1.1.10	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-amharic</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-arabic</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-armenian</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html

패키지	구 버전	신 버전	업스트림 URL
<i>m17n-db-assamese</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-bengali</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-cham</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-chinese</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-common-cjk</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-croatian</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-danish</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-datafiles</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-dhivehi</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-farsi</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-french</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-generic</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-greek</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-gregorian</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-gujarati</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-hebrew</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-hindi</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-japanese</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-kannada</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-kazakh</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-khmer</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html

패키지	구 버전	신 버전	업스트림 URL
<i>m17n-db-korean</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-lao</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-latin</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-malayalam</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-myanmar</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-oriya</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-punjabi</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-russian</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-sanskrit</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-serbian</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-sinhala</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-slovak</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-swedish</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-syriac</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-tamil</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-telugu</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-thai</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-tibetan</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-uyghur</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-db-vietnamese</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html
<i>m17n-lib</i>	1.5.4	1.5.5	http://www.m17n.org/m17n-lib/index.html

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<i>m2crypto</i>	0.19.1	0.20.1	http://wiki.osafoundation.org/bin/view/Projects/MeTooCrypto
<i>matio</i>	new	1.3.3	http://sourceforge.net/projects/matio
<i>menu-cache</i>	0.2.3	0.2.5	http://lxde.org
<i>mesa-libGL</i>	7.5	7.6	http://www.mesa3d.org
<i>mesa-libGLU</i>	7.5	7.6	http://www.mesa3d.org
<i>mesa-libOSMesa</i>	7.5	7.6	http://www.mesa3d.org
<i>meshmagick-libs</i>	0.5.2	0.6.0	http://www.ogre3d.org/wiki/index.php/MeshMagick
<i>mhash</i>	0.9.9	0.9.9.9	http://mhash.sourceforge.net/
<i>mimetic</i>	0.9.5	0.9.6	http://codesink.org/mimetic_mime_library.html
<i>mingw32-enchanted</i>	new	1.5.0	http://www.abisource.com/
<i>mingw32-hunspell</i>	new	1.2.8	http://hunspell.sourceforge.net/
<i>mingw32-libglademm24</i>	new	2.6.7	http://gtkmm.sourceforge.net/
<i>mingw32-libsqlite3x</i>	new	20071018	http://www.wanderinghorse.net/computing/sqlite/
<i>mingw32-libtiff</i>	new	3.8.2	http://www.remotesensing.org/libtiff/

표 58. All System_Environment-Libraries changes (cont'd)

패키지	구 버전	신 버전	업스트림 URL
<i>mingw32-libxml++</i>	new	2.26.0	http://libxmlplusplus.sourceforge.net/
<i>mingw32-zfstream</i>	new	20041202	http://www.wanderinghorse.net/computing/zfstream/
<i>mmdb</i>	1.19	1.21	http://www.ebi.ac.uk/~keb/cldoc/
<i>moblin-panel-applications</i>	new	0.0.2	http://www.moblin.org
<i>moblin-panel-myzone</i>	new	0.0.8	http://www.moblin.org

패키지	구 버전	신 버전	업스트림 URL
<i>moblin-panel-pasteboard</i>	new	0.0.2	http://www.moblin.org
<i>mod_wsgi</i>	2.3	2.5	http://modwsgi.org
<i>mysql-connector-java</i>	3.1.12	5.1.8	http://dev.mysql.com/downloads/connector/j/5.1.html
<i>mysql-gui-common</i>	5.0r12	5.0r14	http://www.mysql.com/products/tools/administrator/index.html
<i>nbtk</i>	new	1.2.0	http://moblin.org/projects/netbook-toolkit-nbtk
<i>neon</i>	0.28.4	0.29.0	http://www.webdav.org/neon/
<i>netcf</i>	new	0.1.2	https://fedorahosted.org/netcf/
<i>netcf-libs</i>	new	0.1.2	https://fedorahosted.org/netcf/
<i>netpbm</i>	10.35.62	10.47.04	http://netpbm.sourceforge.net/
<i>newt</i>	0.52.10	0.52.11	https://fedorahosted.org/newt/
<i>notification-daemon</i>	0.4.0	0.4.1	http://www.galago-project.org/specs/notification/
<i>nspr</i>	4.7.3	4.8.2	http://www.mozilla.org/projects/nspr/
<i>nss</i>	3.12.3	3.12.4	http://www.mozilla.org/projects/security/pki/nss/
<i>nss-myhostname</i>	new	0.2	http://0pointer.de/lennart/projects/nss-myhostname/
<i>nss-softokn</i>	new	3.12.4	http://www.mozilla.org/projects/security/pki/nss/
<i>nss-util</i>	new	3.12.4	http://www.mozilla.org/projects/security/pki/nss/
<i>ntl</i>	new	5.5.2	http://shoup.net/ntl/
<i>numactl-devel</i>	2.0.2	2.0.3	ftp://oss.sgi.com/www/projects/libnuma/download

패키지	구 버전	신 버전	업스트림 URL
<i>ocaml-lablgl</i>	1.03	1.04	http://wwwfun.kurims.kyoto-u.ac.jp/soft/olabl/lablg.html
<i>ocaml-labgtk</i>	2.12.0	2.14.0	http://wwwfun.kurims.kyoto-u.ac.jp/soft/olabl/labgtk.html
<i>ocaml-labgtk-doc</i>	2.12.0	2.14.0	http://wwwfun.kurims.kyoto-u.ac.jp/soft/olabl/labgtk.html
<i>ocaml-labltk</i>	3.11.0	3.11.1	http://www.ocaml.org
<i>ocaml-runtime</i>	3.11.0	3.11.1	http://www.ocaml.org
<i>ocaml-x11</i>	3.11.0	3.11.1	http://www.ocaml.org
<i>ode</i>	0.11	0.11.1	http://www.ode.org
<i>ogre</i>	1.6.1	1.6.4	http://www.ogre3d.org/
<i>oorexx-libs</i>	3.2.0	4.0.0	http://www.oorexx.org
<i>opal</i>	3.6.1	3.6.6	http://www.opalvoip.org/
<i>openaislib</i>	0.94	1.1.0	http://developer.osdl.org/dev/openais/
<i>openal-soft</i>	new	1.9.563	http://kcat.strangesoft.net/openal.html
<i>opencryptoki-libs</i>	new	2.3.0	http://sourceforge.net/projects/opencryptoki
<i>openct</i>	0.6.15	0.6.17	http://www.opensc-project.org/openct/
<i>opensc</i>	0.11.7	0.11.9	http://www.opensc-project.org/opensc/
<i>openscap</i>	0.1.4	0.5.3	http://www.openscap.org/
<i>opensm-libs</i>	3.2.1	3.3.2	http://www.openfabrics.org/
<i>openssl</i>	0.9.8k	1.0.0	http://www.openssl.org/
<i>openvrml</i>	0.17.12	0.18.3	http://openvrml.org
<i>openvrml-gl</i>	0.17.12	0.18.3	http://openvrml.org
<i>pango</i>	1.24.1	1.26.0	http://www.pango.org
<i>pangomm</i>	2.24.0	2.26.0	http://gtkmm.sourceforge.net/

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<i>papyrus</i>	0.11.0	0.12.1	http://libpapyrus.sourceforge.net/
<i>papyrus-extras</i>	0.11.0	0.12.1	http://libpapyrus.sourceforge.net/
<i>papyrus-gtkmm</i>	0.11.0	0.12.1	http://libpapyrus.sourceforge.net/
<i>pciutils-libs</i>	3.1.2	3.1.4	http://atrey.karlin.mff.cuni.cz/~mj/pciutils.shtml
<i>perl-PDF-API2</i>	0.72.003	0.73	http://search.cpan.org/dist/PDF-API2/
<i>perl-openbabel</i>	2.2.1	2.2.3	http://openbabel.org/
<i>php-PHPMailer</i>	new	5.0.2	http://phpmailer.worxware.com/
<i>php-embedded</i>	5.2.9	5.3.0	http://www.php.net/
<i>php-enchant</i>	new	5.3.0	http://www.php.net/
<i>php-hkit</i>	new	0.5	http://allinthehead.com/hkit
<i>php-intl</i>	new	5.3.0	http://www.php.net/
<i>php-pspell</i>	5.2.9	5.3.0	http://www.php.net/
<i>php-recode</i>	5.2.9	5.3.0	http://www.php.net/
<i>physfs</i>	1.0.1	1.0.2	http://www.icculus.org/physfs/
<i>pixman</i>	0.14.0	0.16.2	http://cgit.freedesktop.org/pixman/
<i>podofu-libs</i>	new	0.7.0	http://podofu.sourceforge.net
<i>polkit</i>	new	0.95	http://www.freedesktop.org/wiki/Software/PolicyKit
<i>polyml-libs</i>	5.2	5.2.1	http://www.polyml.org
<i>poppler-qt</i>	0.10.5	0.12.1	http://poppler.freedesktop.org/
<i>poppler-qt4</i>	0.10.5	0.12.1	http://poppler.freedesktop.org/
<i>prelude-lml</i>	0.9.14	0.9.15	http://prelude-ids.org/
<i>prelude-manager-db-plugin</i>	0.9.14.2	0.9.15	http://www.prelude-ids.org
<i>prelude-manager-smtp-plugin</i>	0.9.14.2	0.9.15	http://www.prelude-ids.org

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<i>prelude-manager-xml-plugin</i>	0.9.14.2	0.9.15	http://www.prelude-ids.org
<i>ptlib</i>	2.6.1	2.6.5	http://www.opalvoip.org/
<i>ptouch-driver</i>	1.2	1.3	http://www.diku.dk/~panic/P-touch/
<i>pulseaudio-libs</i>	0.9.15	0.9.19	http://pulseaudio.org/
<i>pulseaudio-libs-glib2</i>	0.9.15	0.9.19	http://pulseaudio.org/
<i>pulseaudio-libs-zeroconf</i>	0.9.15	0.9.19	http://pulseaudio.org/
<i>pyabiword</i>	0.6.3	0.8.0	http://abisource.com/downloads/pyabiword/0.8.0/pyabiword-0.8.0.tar.gz
<i>pyke</i>	1.0.1	1.0.2	http://pyke.sourceforge.net/
<i>pykickstart</i>	1.54	1.64	http://fedoraproject.org/wiki/pykickstart
<i>pyparted</i>	2.0.12	2.1.2	http://fedorahosted.org/pyparted
<i>python-IPy</i>	0.62	0.63	http://software.inl.fr/trac/trac.cgi/wiki/IPy
<i>python-configobj</i>	4.5.3	4.6.0	http://www.voidspace.org.uk/python/configobj.html
<i>python-coverage</i>	new	3.0.1	http://nedbatchelder.com/code/modules/coverage.html
<i>python-iwlib</i>	new	0.1	http://git.fedorahosted.org/git/python-iwlib.git
<i>python-lash</i>	new	0.5.4	http://www.nongnu.org/lash/
<i>python-meh</i>	new	0.7	http://git.fedoraproject.org/git/?p=python-meh.git
<i>python-openbabel</i>	2.2.1	2.2.3	http://openbabel.org/
<i>python-paste-deploy</i>	1.3.2	1.3.3	http://pythonpaste.org/deploy
<i>python-ply</i>	2.5	3.2	http://www.dabeaz.com/ply/
<i>python-pyblock</i>	0.42	0.44	n/a

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<i>python-simplejson</i>	2.0.7	2.0.9	http://undefined.org/python/#simplejson
<i>python-slip</i>	0.1.15	0.2.7	http://fedorahosted.org/python-slip
<i>python-slip-dbus</i>	0.1.15	0.2.7	http://fedorahosted.org/python-slip
<i>python-slip-gtk</i>	0.1.15	0.2.7	http://fedorahosted.org/python-slip
<i>python-tre</i>	0.7.5	0.7.6	http://laurikari.net/tre/
<i>python-twitter</i>	0.5	0.6	http://code.google.com/p/python-twitter/
<i>python-volume_key</i>	new	0.3	https://fedorahosted.org/volume_key/
<i>qca2</i>	2.0.1	2.0.2	http://delta.affinix.com/qca
<i>qpidc</i>	0.5.752600	0.5.829175	http://qpid.apache.org
<i>qpidc-rdma</i>	0.5.752600	0.5.829175	http://qpid.apache.org
<i>qpidc-ssl</i>	0.5.752600	0.5.829175	http://qpid.apache.org
<i>qpidd-acl</i>	0.5.752600	0.5.829175	http://qpid.apache.org
<i>qpidd-rdma</i>	0.5.752600	0.5.829175	http://qpid.apache.org
<i>qpidd-ssl</i>	0.5.752600	0.5.829175	http://qpid.apache.org
<i>qpidd-xml</i>	0.5.752600	0.5.829175	http://qpid.apache.org
<i>qt</i>	4.5.0	4.5.3	http://www.qtsoftware.com/
<i>qt-mysql</i>	4.5.0	4.5.3	http://www.qtsoftware.com/
<i>qt-odbc</i>	4.5.0	4.5.3	http://www.qtsoftware.com/
<i>qt-postgresql</i>	4.5.0	4.5.3	http://www.qtsoftware.com/
<i>qt-x11</i>	4.5.0	4.5.3	http://www.qtsoftware.com/
<i>qtnx</i>	new	0.9	http://freenx.berlios.de/
<i>rb_libtorrent</i>	0.14.2	0.14.4	http://www.rasterbar.com/products/libtorrent/
<i>readline</i>	5.2	6.0	http://cnswww.cns.cwru.edu/php/chet/readline/rltop.html

패키지	구 버전	신 버전	업스트림 URL
<i>refmac-dictionary</i>	5.04	5.12	http://www.ysbl.york.ac.uk/~garib/refmac/latest_refmac.html
<i>rest</i>	new	0.6.1	http://moblin.org/projects/librest
<i>rhpxl</i>	1.12	dropped	http://fedoraproject.org/wiki/rhpxl
<i>rmol</i>	0.19.0	0.23.0	http://rmol.sourceforge.net
<i>rtaudio-devel</i>	4.0.5	4.0.6	http://www.music.mcgill.ca/~gary/rtaudio/
<i>ruby-atk</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-bonobo2</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-bonoboui2</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gconf2</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gdkpixbuf2</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-glib2</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gnome2</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gnomecanvas2</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gnomeprint2</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gnomeprintui2</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gnomevfs</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-goocanvas</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gstreamer</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gtk2</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gtkglext</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/

패키지	구 버전	신 버전	업스트림 URL
<i>ruby-gtkhtml2</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gtkmozembed</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gtksourceview</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-gtksourceview2</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-libart2</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-libglade2</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-panelapplet2</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-pango</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-poppler</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-qmf</i>	new	0.5.829175	http://qpid.apache.org
<i>ruby-rsvg</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>ruby-vte</i>	0.18.1	0.19.3	http://ruby-gnome2.sourceforge.jp/
<i>sane-backends</i>	1.0.19	1.0.20	http://www.sane-project.org
<i>sane-backends-libs</i>	1.0.19	1.0.20	http://www.sane-project.org
<i>sane-backends-libs-gphoto2</i>	1.0.19	1.0.20	http://www.sane-project.org
<i>schroedinger</i>	1.0.6	1.0.7	http://www.diracvideo.org/
<i>scim</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-bridge</i>	0.4.15.2	0.4.16	http://www.scim-im.org/projects/scim_bridge
<i>scim-bridge-gtk</i>	0.4.15.2	0.4.16	http://www.scim-im.org/projects/scim_bridge
<i>scim-bridge-qt</i>	0.4.15.2	0.4.16	http://www.scim-im.org/projects/scim_bridge
<i>scim-bridge-qt3</i>	0.4.15.2	0.4.16	http://www.scim-im.org/projects/scim_bridge
<i>scim-gtk</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-lang-assamese</i>	1.4.8	1.4.9	http://www.scim-im.org/

패키지	구 버전	신 버전	업스트림 URL
<i>scim-lang-bengali</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-lang-chinese</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-lang-dhivehi</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-lang-farsi</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-lang-gujarati</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-lang-hindi</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-lang-japanese</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-lang-kannada</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-lang-korean</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-lang-latin</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-lang-malayalam</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-lang-marathi</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-lang-nepali</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-lang-oriya</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-lang-punjabi</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-lang-sinhalese</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-lang-tamil</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-lang-telugu</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-lang-thai</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-lang-tibetan</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-libs</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-m17n</i>	0.2.2	0.2.3	http://www.scim-im.org/projects/imengines
<i>scim-rawcode</i>	1.4.8	1.4.9	http://www.scim-im.org/
<i>scim-tables</i>	0.5.8	0.5.9	http://sourceforge.net/projects/scim
<i>scim-tables-additional</i>	0.5.8	0.5.9	http://sourceforge.net/projects/scim
<i>scim-tables-amharic</i>	0.5.8	0.5.9	http://sourceforge.net/projects/scim
<i>scim-tables-arabic</i>	0.5.8	0.5.9	http://sourceforge.net/projects/scim
<i>scim-tables-chinese</i>	0.5.8	0.5.9	http://sourceforge.net/projects/scim
<i>scim-tables-chinese-extra</i>	0.5.8	0.5.9	http://sourceforge.net/projects/scim
<i>scim-tables-nepali</i>	0.5.8	0.5.9	http://sourceforge.net/projects/scim
<i>scim-tables-russian</i>	0.5.8	0.5.9	http://sourceforge.net/projects/scim

패키지	구 버전	신 버전	업스트림 URL
<i>scim-tables-thai</i>	0.5.8	0.5.9	http://sourceforge.net/projects/scim
<i>scim-tables-ukrainian</i>	0.5.8	0.5.9	http://sourceforge.net/projects/scim
<i>scim-tables-vietnamese</i>	0.5.8	0.5.9	http://sourceforge.net/projects/scim
<i>setools-libs</i>	3.3.5	3.3.6	http://oss.tresys.com/projects/setools
<i>sg3_utils-libs</i>	1.26	1.27	http://sg.danny.cz/sg/sg3_utils.html
<i>skkdic</i>	20080904	20090929	http://openlab.ring.gr.jp/skk/skk/dic/
<i>slang</i>	2.1.4	2.2.1	http://www.jedsoft.org/slang/
<i>slv2</i>	0.6.2	0.6.6	http://drobilla.net/software/slv2/
<i>soci</i>	new	3.0.0	http://soci.sourceforge.net
<i>soci-mysql</i>	new	3.0.0	http://soci.sourceforge.net
<i>soci-postgresql</i>	new	3.0.0	http://soci.sourceforge.net
<i>soprano</i>	2.2.3	2.3.1	http://sourceforge.net/projects/soprano
<i>spandsp</i>	0.0.5	0.0.6	http://www.soft-switch.org/
<i>speech-dispatcher</i>	0.6.6	0.6.7	http://www.freebsoft.org/pub/projects/speechd/
<i>squirrel-libs</i>	2.2.2	2.2.3	http://squirrel-lang.org/
<i>ssm</i>	0.1	1.0	http://www.bioxray.au.dk/~mok/ssm
<i>startup-notification</i>	0.9	0.10	http://www.freedesktop.org/software/startup-notification/
<i>sublib</i>	0.9	dropped	http://sublib.sourceforge.net/
<i>sugar-base</i>	0.84.1	0.86.0	http://sugarlabs.org/
<i>sugar-presence-service</i>	0.84.0	0.86.0	http://dev.laptop.org/
<i>sugar-toolkit</i>	0.84.4	0.86.2	http://wiki.laptop.org/go/Sugar

패키지	구 버전	신 버전	업스트림 URL
<i>suitesparse</i>	3.2.0	3.4.0	http://www.cise.ufl.edu/research/sparse/SuiteSparse
<i>sword</i>	1.5.11	1.6.0	http://www.crosswire.org/sword/
<i>taglib</i>	1.5	1.6	http://developer.kde.org/~wheeler/taglib.html

표 59. All System_Environment-Libraries changes (cont'd)

패키지	구 버전	신 버전	업스트림 URL
<i>taskjuggler-libs</i>	2.4.1	2.4.3	http://www.taskjuggler.org
<i>tcl-ktreectrl</i>	2.2.8	2.2.9	http://ktreectrl.sourceforge.net/
<i>tcl-trf</i>	2.1.3	2.1.4	http://tcltrf.sourceforge.net
<i>telepathy-farsight</i>	0.0.6	0.0.12	http://telepathy.freedesktop.org/wiki/
<i>telepathy-glib</i>	0.7.29	0.9.0	http://telepathy.freedesktop.org/wiki/FrontPage
<i>telepathy-mission-control</i>	4.67	5.2.5	http://telepathy.freedesktop.org/wiki/Mission_Control
<i>tokyotyrant-libs</i>	new	1.1.34	http://1978th.net/tokyotyrant/
<i>totem-pl-parser</i>	2.26.2	2.28.1	http://www.gnome.org/projects/totem/
<i>tre</i>	0.7.5	0.7.6	http://laurikari.net/tre/
<i>tritonus</i>	new	0.3.7	http://www.tritonus.org/
<i>tritonus-alsa</i>	new	0.3.7	http://www.tritonus.org/
<i>tritonus-aos</i>	new	0.3.7	http://www.tritonus.org/
<i>tritonus-cdda</i>	new	0.3.7	http://www.tritonus.org/
<i>tritonus-core</i>	new	0.3.7	http://www.tritonus.org/
<i>tritonus-dsp</i>	new	0.3.7	http://www.tritonus.org/
<i>tritonus-esd</i>	new	0.3.7	http://www.tritonus.org/
<i>tritonus-fluidsynth</i>	new	0.3.7	http://www.tritonus.org/
<i>tritonus-gsm</i>	new	0.3.7	http://www.tritonus.org/
<i>tritonus-javasequencer</i>	new	0.3.7	http://www.tritonus.org/

패키지	구 버전	신 버전	업스트림 URL
<i>tritonus-jorbis</i>	new	0.3.7	http://www.tritonus.org/
<i>tritonus-misc</i>	new	0.3.7	http://www.tritonus.org/
<i>tritonus-pvorbis</i>	new	0.3.7	http://www.tritonus.org/
<i>tritonus-src</i>	new	0.3.7	http://www.tritonus.org/
<i>tritonus-vorbis</i>	new	0.3.7	http://www.tritonus.org/
<i>trytond-openoffice</i>	1.0.3	1.2.2	http://www.tryton.org
<i>trytond-webdav</i>	1.0.3	1.2.2	http://www.tryton.org
<i>tslib</i>	new	1.0	http://tslib.berlios.de/
<i>twitter-glib</i>	new	0.9.8	http://live.gnome.org/TwitterGlib
<i>ucommon</i>	new	2.0.5	http://www.gnu.org/software/commoncpp
<i>uim</i>	1.5.5	1.5.6	http://code.google.com/p/uim/
<i>uim-anthy</i>	1.5.5	1.5.6	http://code.google.com/p/uim/
<i>uim-canna</i>	1.5.5	1.5.6	http://code.google.com/p/uim/
<i>uim-m17n</i>	1.5.5	1.5.6	http://code.google.com/p/uim/
<i>uim-skk</i>	1.5.5	1.5.6	http://code.google.com/p/uim/
<i>unique</i>	1.0.4	1.1.2	http://www.gnome.org/~ebassi/source/
<i>unuran</i>	1.3.1	1.4.1	http://statistik.wu-wien.ac.at/unuran
<i>util-vserver-lib</i>	0.30.215	0.30.215+svn2847	http://savannah.nongnu.org/projects/util-vserver/
<i>varnish-libs</i>	2.0.3	2.0.4	http://www.varnish-cache.org/
<i>varnish-libs-devel</i>	2.0.3	2.0.4	http://www.varnish-cache.org/
<i>vips</i>	7.16.4	7.18.2	http://www.vips.ecs.soton.ac.uk/
<i>volume_key-libs</i>	new	0.3	https://fedorahosted.org/volume_key/
<i>vtk</i>	5.2.1	5.4.2	http://vtk.org/
<i>vtk-java</i>	5.2.1	5.4.2	http://vtk.org/
<i>vtk-python</i>	5.2.1	5.4.2	http://vtk.org/

패키지	구 버전	신 버전	업스트림 URL
<i>vtk-qt</i>	5.2.1	5.4.2	http://vtk.org/
<i>vtk-tcl</i>	5.2.1	5.4.2	http://vtk.org/
<i>wine-alsa</i>	new	1.1.29	http://www.winehq.org/
<i>wine-capi</i>	1.1.18	1.1.29	http://www.winehq.org/
<i>wine-cms</i>	1.1.18	1.1.29	http://www.winehq.org/
<i>wine-devel</i>	1.1.18	1.1.29	http://www.winehq.org/
<i>wine-esd</i>	1.1.18	1.1.29	http://www.winehq.org/
<i>wine-jack</i>	1.1.18	1.1.29	http://www.winehq.org/
<i>wine-ldap</i>	1.1.18	1.1.29	http://www.winehq.org/
<i>wine-nas</i>	1.1.18	1.1.29	http://www.winehq.org/
<i>wine-oss</i>	new	1.1.29	http://www.winehq.org/
<i>wine-pulseaudio</i>	1.1.18	1.1.29	http://www.winehq.org/
<i>wine-twain</i>	1.1.18	1.1.29	http://www.winehq.org/
<i>xapian-core-libs</i>	1.0.11	1.0.16	http://www.xapian.org/
<i>xbase</i>	2.0.0	3.1.2	http://linux.techass.com/projects/xdb/
<i>xblas</i>	new	1.0.248	http://www.netlib.org/xblas
<i>xcb-util</i>	0.3.3	0.3.6	http://xcb.freedesktop.org
<i>xcb-util-devel</i>	0.3.3	0.3.6	http://xcb.freedesktop.org
<i>xemacs-uim</i>	1.5.5	1.5.6	http://code.google.com/p/uim/
<i>xforms</i>	1.0.90	1.0.92	http://xforms-toolkit.org/
<i>xml-security-c</i>	new	1.5.1	http://santuario.apache.org/c/
<i>xpa-libs</i>	2.1.8	2.1.10	http://hea-www.harvard.edu/RD/xpa/
<i>xpa-tcl</i>	2.1.8	2.1.10	http://hea-www.harvard.edu/RD/xpa/
<i>xz-libs</i>	new	4.999.9	http://tukaani.org/xz/
<i>zerofree</i>	new	1.0.1	http://intgat.tigress.co.uk/rmy/uml/
<i>zfstream</i>	new	20041202	http://www.wanderinghorse.net/computing/zfstream/

패키지	구 버전	신 버전	업스트림 URL
<i>zita-convolver</i>	new	1.0.0	http://www.kokkinizita.net/linuxaudio/

표 60. All System_Environment-Libraries changes (cont'd)

패키지 변경 사항	905
변경되지 않은 패키지	831
전체 패키지	1736

8.7.5. 시스템 환경-셸

패키지	구 버전	신 버전	업스트림 URL
<i>bash</i>	4.0	4.0.33	http://www.gnu.org/software/bash
<i>busybox</i>	1.13.2	1.15.1	http://www.busybox.net
<i>busybox-petitboot</i>	1.13.2	1.15.1	http://www.busybox.net
<i>fish</i>	1.23.0	1.23.1	http://fishshell.org/
<i>ksh</i>	20081104	20090630	http://www.kornshell.com/
<i>mc</i>	4.6.2	4.7.0	http://www.midnight-commander.org/
<i>mksh</i>	37b	39	http://www.mirbsd.de/mksh/
<i>nautilus-search-tool</i>	0.2.2	0.3.0	http://saettaz.altervista.org/software/nautilus_search_tool.html
<i>tcsch</i>	6.15	6.17	http://www.tcsch.org/
<i>ytree</i>	new	1.93	http://www.han.de/~werner/ytree.html
<i>zsh</i>	4.3.9	4.3.10	http://zsh.sunsite.dk/
<i>zsh-html</i>	4.3.9	4.3.10	http://zsh.sunsite.dk/

표 61. 시스템 환경-셸 모든 변경 사항

패키지 변경 사항	12
변경되지 않은 패키지	3
전체 패키지	15

8.7.6. 시스템 환경-툴

패키지	구 버전	신 버전	업스트림 URL
<i>qpidc-perftest</i>	0.5.752600	0.5.829175	http://qpid.apache.org

표 62. 시스템 환경-툴 모든 변경 사항

패키지 변경 사항	1
변경되지 않은 패키지	0
전체 패키지	1

8.7.7. 시스템 관리-베이스

패키지	구 버전	신 버전	업스트림 URL
<i>tog-pegasus-devel</i>	2.7.2	2.9.0	http://www.openpegasus.org

표 63. 시스템 관리-베이스 모든 변경 사항

패키지 변경 사항	1
변경되지 않은 패키지	0
전체 패키지	1

8.8. 텍스트 편집기-통합개발환경(IDE)

패키지	구 버전	신 버전	업스트림 URL
<i>eclipse-cdt-mylyn</i>	5.0.2	6.0.0	http://www.eclipse.org/cdt
<i>eclipse-cdt-sdk</i>	5.0.2	6.0.0	http://www.eclipse.org/cdt
<i>eclipse-jdt</i>	3.4.2	3.5.1	http://www.eclipse.org/
<i>eclipse-nls</i>	new	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-ar</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-bg</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-cs</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-da</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-de</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-el</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-en_AA</i>	new	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-en_AU</i>	new	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-es</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-et</i>	new	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-fi</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-fr</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-he</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-hi</i>	new	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-hu</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-it</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/

패키지	구 버전	신 버전	업스트림 URL
<i>eclipse-nls-ja</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-ko</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-mn</i>	new	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-nl</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-no</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-pl</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-pt</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-pt_BR</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-ro</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-ru</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-sv</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-tr</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-uk</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-zh</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-nls-zh_TW</i>	0.2.0	3.5.0.v20090620043401	http://babel.eclipse.org/
<i>eclipse-pde</i>	3.4.2	3.5.1	http://www.eclipse.org/
<i>eclipse-platform</i>	3.4.2	3.5.1	http://www.eclipse.org/
<i>eclipse-swt</i>	3.4.2	3.5.1	http://www.eclipse.org/
<i>icu4j-eclipse</i>	3.8.1	4.0.1	http://www-306.ibm.com/software/globalization/icu/index.jsp

표 64. All Text_Editors-Integrated_Development_Environments_(IDE) changes

패키지 변경 사항	39
변경되지 않은 패키지	1
전체 패키지	40

8.9. 텍스트 처리-마크업-XML

패키지	구 버전	신 버전	업스트림 URL
<i>writer2latex</i>	0.5.0.2	1.0	http://writer2latex.sourceforge.net/

표 65. 텍스트 처리-마크업-XML 모든 변경 사항

패키지 변경 사항	1
변경되지 않은 패키지	19
전체 패키지	20

8.10. 사용자 인터페이스

8.10.1. 사용자 인터페이스-데스크탑들

패키지	구 버전	신 버전	업스트림 URL
<i>Terminal</i>	0.2.12	0.4.2	http://www.xfce.org/projects/terminal/
<i>abrt-cli</i>	new	0.0.11	https://fedorahosted.org/abrt/
<i>abrt-desktop</i>	new	0.0.11	https://fedorahosted.org/abrt/
<i>abrt-gui</i>	0.0.3	0.0.11	https://fedorahosted.org/abrt/
<i>bespin</i>	new	0.1	https://cloudcity.svn.sourceforge.net/svnroot/cloudcity/
<i>bespin-common</i>	new	0.1	https://cloudcity.svn.sourceforge.net/svnroot/cloudcity/
<i>bespin-kdm-theme</i>	new	0.1	https://cloudcity.svn.sourceforge.net/svnroot/cloudcity/
<i>bespin-kwin-theme</i>	new	0.1	https://cloudcity.svn.sourceforge.net/svnroot/cloudcity/
<i>brasero-nautilus</i>	2.26.1	2.28.2	http://www.gnome.org/projects/brasero/
<i>ccsm</i>	0.7.8	0.8.2	http://www.opencompositing.org
<i>compiz</i>	0.7.8	0.8.2	http://www.go-compiz.org
<i>compiz-fusion</i>	0.7.8	0.8.2	http://compiz-fusion.org
<i>compiz-fusion-extras</i>	0.7.8	0.8.2	http://compiz-fusion.org
<i>compiz-fusion-extras-gnome</i>	0.7.8	0.8.2	http://compiz-fusion.org
<i>compiz-fusion-gnome</i>	0.7.8	0.8.2	http://compiz-fusion.org
<i>compiz-gnome</i>	0.7.8	0.8.2	http://www.go-compiz.org
<i>compiz-kde</i>	0.7.8	0.8.2	http://www.go-compiz.org
<i>control-center</i>	2.26.0	2.28.1	http://www.gnome.org
<i>control-center-extra</i>	new	2.28.1	http://www.gnome.org

패키지	구 버전	신 버전	업스트림 URL
<i>desktop-effects</i>	new	0.8.4	http://git.fedoraproject.org/git/desktop-effects.git
<i>emerald</i>	0.7.8	0.8.2	http://www.compiz-fusion.org/
<i>eog</i>	2.26.1	2.28.1	http://projects.gnome.org/eog/
<i>eog-plugins</i>	new	2.28.1	http://live.gnome.org/EyeOfGnome/Plugins
<i>fedora-gnome-theme</i>	8.0.0	12.3	http://www.redhat.com
<i>file-browser-applet</i>	0.6.1	0.6.4	http://code.google.com/p/gnome-menu-file-browser-applet/
<i>gai</i>	0.5.10	dropped	http://gai.sourceforge.net
<i>gai-pal</i>	0.7	dropped	http://gai.sourceforge.net
<i>gai-temp</i>	0.1.1	dropped	http://leidola.newcon.de/projekte/gai-temp/gai-temp-en.html
<i>gdm-plugin-fingerprint</i>	2.26.1	2.28.1	http://download.gnome.org/sources/gdm
<i>gdm-plugin-smartcard</i>	2.26.1	2.28.1	http://download.gnome.org/sources/gdm
<i>gdm-user-switch-applet</i>	2.26.1	2.28.1	http://download.gnome.org/sources/gdm
<i>gigolo</i>	0.3.1	0.3.2	http://goodies.xfce.org/projects/applications/gigolo/
<i>glista</i>	new	0.4	http://prematureoptimization.org/glista/
<i>gnome-applet-alarm-clock</i>	new	0.2.5	http://alarm-clock.pseudoberries.com
<i>gnome-applet-cpufire</i>	new	1.6	http://strongm.ath.cx/
<i>gnome-applet-grandr</i>	new	0.4.1	http://freshmeat.net/projects/grandr_applet
<i>gnome-applet-jalali-calendar</i>	1.6.7	1.6.8	http://home.gna.org/jalali-calendar

패키지	구 버전	신 버전	업스트림 URL
<i>gnome-applet-sensors</i>	2.2.1	2.2.4	http://sensors-applet.sourceforge.net/
<i>gnome-applet-sshmenu</i>	3.15	3.16	http://sshmenu.sourceforge.net/
<i>gnome-applet-vm</i>	0.2.0	dropped	https://fedorahosted.org/gnome-applet-vm
<i>gnome-applets</i>	2.26.1	2.28.0	http://www.gnome.org/
<i>gnome-colors-icon-theme</i>	new	5.3	http://code.google.com/p/gnome-colors
<i>gnome-icon-theme</i>	2.26.0	2.28.0	n/a
<i>gnome-netstatus</i>	2.12.2	2.26.0	http://www.gnome.org
<i>gnome-panel</i>	2.26.1	2.28.0	http://www.gnome.org
<i>gnome-session</i>	2.26.1	2.28.0	http://www.gnome.org
<i>gnome-shell</i>	new	2.28.0	http://live.gnome.org/GnomeShell
<i>gnome-terminal</i>	2.26.1	2.28.1	http://www.gnome.org/
<i>gnome-themes</i>	2.26.1	2.28.1	http://download.gnome.org/sources/gnome-themes/
<i>gnote</i>	0.3.1	0.6.2	http://live.gnome.org/Gnote
<i>gok</i>	2.26.0	2.28.1	http://www.gok.ca/
<i>google-gadgets</i>	0.10.5	0.11.1	http://code.google.com/p/google-gadgets-for-linux/
<i>google-gadgets-gtk</i>	0.10.5	0.11.1	http://code.google.com/p/google-gadgets-for-linux/
<i>google-gadgets-qt</i>	0.10.5	0.11.1	http://code.google.com/p/google-gadgets-for-linux/
<i>grsync</i>	0.6.3	0.9.2	http://www.opbyte.it/grsync/
<i>hicolor-icon-theme</i>	0.10	0.11	http://icon-theme.freedesktop.org/wiki/HicolorTheme
<i>icewm</i>	1.2.36	1.2.37	http://www.icewm.org
<i>icewm-clearlooks</i>	1.2.36	1.2.37	http://www.icewm.org
<i>icewm-gnome</i>	1.2.36	1.2.37	http://www.icewm.org
<i>icewm-xdgmnu</i>	1.2.36	1.2.37	http://www.icewm.org

패키지	구 버전	신 버전	업스트림 URL
<i>kde-colorscheme-plastik</i>	new	0.1.2	http://www.kde-look.org/content/show.php/Plastik?content=89804
<i>kde-l10n-Arabic</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Basque</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Bengali-India</i>	new	4.3.2	http://www.kde.org
<i>kde-l10n-Brazil</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-British</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Bulgarian</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Catalan</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Chinese</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Chinese-Traditional</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Czech</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Danish</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Dutch</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Estonian</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Finnish</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-French</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Galician</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-German</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Greek</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Gujarati</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Hebrew</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Hindi</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Hungarian</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Icelandic</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Irish</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Italian</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Japanese</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Kannada</i>	new	4.3.2	http://www.kde.org
<i>kde-l10n-Kashubian</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Kazakh</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Khmer</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Korean</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Kurdish</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Latvian</i>	4.2.2	4.3.2	http://www.kde.org

패키지	구 버전	신 버전	업스트림 URL
<i>kde-l10n-Lithuanian</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-LowSaxon</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Macedonian</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Maithili</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Malayalam</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Marathi</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Norwegian</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Norwegian-Nynorsk</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Polish</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Portuguese</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Punjabi</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Romanian</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Russian</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Serbian</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Slovak</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Slovenian</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Spanish</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Swedish</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Tajik</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Thai</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Turkish</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Ukrainian</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-l10n-Walloon</i>	4.2.2	4.3.2	http://www.kde.org
<i>kde-plasma-quickaccess</i>	0.7.1	0.8.1	http://www.kde-look.org/content/show.php/QuickAccess+(maintenance+fork)?content=101968
<i>kde-plasma-runcommand</i>	1.1	2.1	http://www.kde-look.org/content/show.php/Run+Command?content=91495
<i>kde-plasma-stasks</i>	new	0.5.1	http://www.kde-look.org/content/show.php/STasks?content=99739
<i>kde-plasma-translatoid</i>	0.6	1.0	http://www.kde-look.org/content/

패키지	구 버전	신 버전	업스트림 URL
			show.php/translatoid?content=97511
<i>kde-plasma-xbar</i>	new	0.1	https://cloudcity.svn.sourceforge.net/svnroot/cloudcity/
<i>kde-plasma-yawp</i>	new	0.2.3	http://www.kde-look.org/content/show.php?content=94106
<i>kde-style-phase</i>	new	4.3.2	http://www.kde.org/
<i>kde-style-skulpture</i>	0.2.2	0.2.3	http://www.kde-look.org/content/show.php/Skulpture?content=59031
<i>kdeaccessibility</i>	4.2.2	4.3.2	http://accessibility.kde.org/
<i>kdeadmin</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdeartwork</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdebase</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdebase-runtime</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdebase-runtime-flags</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdebase-workspace</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdebase-workspace-akonadi</i>	new	4.3.2	http://www.kde.org/
<i>kdebase-workspace-googlegadgets</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdebase-workspace-python-applet</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdebase-workspace-wallpapers</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdebindings</i>	4.2.2	4.3.2	http://developer.kde.org/language-bindings/
<i>kdeplasma-addons</i>	4.2.2	4.3.2	http://www.kde.org/
<i>kdesdk</i>	4.2.2	4.3.2	http://www.kde.org/
<i>leonidas-kde-theme</i>	11.0.1	11.0.3	https://fedorahosted.org/fedora-kde-artwork/
<i>leonidas-kde-theme-landscape</i>	11.0.1	11.0.3	https://fedorahosted.org/fedora-kde-artwork/

패키지	구 버전	신 버전	업스트림 URL
<i>leonidas-kde-theme-lion</i>	11.0.1	11.0.3	https:// fedorahosted.org/ fedora-kde-artwork/
<i>lesstif-mwm</i>	0.95.0	0.95.2	http://www.lesstif.org/
<i>libgnomekbd-capplet</i>	2.26.0	2.28.0	http:// gswitchit.sourceforge.net
<i>ltsp-client</i>	5.1.72	5.1.91	http://www.ltsp.org
<i>ltsp-server</i>	5.1.72	5.1.91	http://www.ltsp.org
<i>lxappearance</i>	0.2	0.2.1	http:// lxde.sourceforge.net/
<i>lxde-common</i>	0.3.2.1	0.4.2	http:// lxde.sourceforge.net/
<i>lxde-icon-theme</i>	new	0.4.2	http:// nuovext.pwsp.net/
<i>lxde-settings-daemon</i>	new	0.4	http:// lxde.sourceforge.net/
<i>lxinput</i>	new	0.1.1	http:// lxde.sourceforge.net/
<i>lxlauncher</i>	0.2	0.2.1	http://lxde.org/
<i>lxmenu-data</i>	0.1	0.1.1	http://lxde.org
<i>lxpanel</i>	0.4.0	0.5.3	http:// lxde.sourceforge.net/
<i>lxrandr</i>	new	0.1.1	http://lxde.org/
<i>lxsession</i>	new	0.3.8	http:// lxde.sourceforge.net/
<i>lxsession-edit</i>	0.1	0.1.1	http://lxde.org
<i>lxshortcut</i>	new	0.1.1	http://lxde.org
<i>lxtask</i>	0.1	0.1.1	http:// lxde.sourceforge.net/
<i>lxterminal</i>	0.1.4	0.1.6	http:// lxde.sourceforge.net/
<i>metacity</i>	2.26.0	2.28.0	http:// download.gnome.org/ sources/metacity/
<i>moblin-cursor-theme</i>	new	0.3	http://www.moblin.org
<i>moblin-gtk-engine</i>	new	1.0.2	http://www.moblin.org/
<i>moblin-icon-theme</i>	new	0.9	http://www.moblin.org/
<i>moblin-session</i>	new	0.12	http://www.moblin.org/
<i>moblin-sound-theme</i>	new	0.3	http://www.moblin.org/
<i>mousetweaks</i>	2.26.0	2.28.1	http://live.gnome.org/ Mousetweaks/Home

패키지	구 버전	신 버전	업스트림 URL
<i>multimedia-menus</i>	new	0.3.1	https://fedorahosted.org/multimedia-menus/
<i>mutter</i>	new	2.28.0	http://git.gnome.org/cgi/mutter
<i>mutter-moblin</i>	new	0.39.3	http://www.moblin.org/
<i>nautilus</i>	2.26.3	2.28.1	http://projects.gnome.org/nautilus/
<i>nautilus-actions</i>	1.9	1.12.2	http://www.grumz.net/node/8
<i>nautilus-beesu-manager</i>	1.0	1.2	http://www.honeybeenet.altevista.org
<i>nautilus-bzr</i>	0.95.0	0.97.0	http://bazaar-vcs.org/bzr-gtk
<i>nautilus-open-terminal</i>	0.9	0.17	http://download.gnome.org/sources/nautilus-open-terminal/
<i>nautilus-sendto</i>	1.1.5	2.28.0	ftp://ftp.gnome.org/pub/gnome/sources/nautilus-sendto
<i>nautilus-sound-converter</i>	1.0.1	1.0.2	http://code.google.com/p/nautilus-sound-converter/
<i>nuvola-icon-theme</i>	new	4.3.2	http://www.kde.org/
<i>orage</i>	4.6.0	4.6.1	http://www.xfce.org/
<i>orca</i>	2.26.1	2.28.1	http://projects.gnome.org/orca/
<i>oxygen-cursor-themes</i>	4.2.2	4.3.2	http://www.kde.org/
<i>oxygen-icon-theme</i>	4.2.2	4.3.2	http://www.kde.org/
<i>pcmanfm</i>	0.5	0.5.2	http://pcmanfm.sourceforge.net/
<i>pinot</i>	0.93	0.94	http://pinot.berlios.de/
<i>polyester</i>	2.0	2.0.0	http://www.kde-look.org/content/show.php?content=27968
<i>qt4-theme-bespin</i>	new	0.1	https://cloudcity.svn.sourceforge.net/svnroot/cloudcity/
<i>redhat-menus</i>	10.0.1	12.0.1	http://www.redhat.com

패키지	구 버전	신 버전	업스트림 URL
<i>ristretto</i>	0.0.21	0.0.22	http://goodies.xfce.org/projects/applications/ristretto/
<i>seahorse</i>	2.26.1	2.28.1	http://projects.gnome.org/seahorse/
<i>seahorse-plugins</i>	2.26.1	2.28.1	http://projects.gnome.org/seahorse/
<i>solar-kde-theme</i>	0.1.17	0.1.19	https://fedorahosted.org/fedora-kde-artwork/
<i>sound-theme-freedesktop</i>	0.2	0.7	http://www.freedesktop.org/wiki/Specifications/sound-theme-spec
<i>sshmenu</i>	3.15	3.16	http://sshmenu.sourceforge.net/
<i>sugar</i>	0.84.5	0.86.3	http://sugarlabs.org/
<i>sugar-artwork</i>	0.84.1	0.86.0	http://sugarlabs.org
<i>terminator</i>	0.12	0.13	http://www.tenshu.net/terminator
<i>tigervnc</i>	0.0.90	1.0.0	http://www.tigervnc.com
<i>tomboy</i>	0.14.1	1.0.0	http://projects.gnome.org/tomboy/
<i>tracker-search-tool</i>	0.6.94	0.6.95	http://projects.gnome.org/tracker/
<i>uim-gnome</i>	1.5.5	1.5.6	http://code.google.com/p/uim/
<i>uim-gtk2</i>	1.5.5	1.5.6	http://code.google.com/p/uim/
<i>uim-qt</i>	1.5.5	1.5.6	http://code.google.com/p/uim/
<i>uim-qt-common</i>	1.5.5	1.5.6	http://code.google.com/p/uim/
<i>uim-qt3</i>	1.5.5	1.5.6	http://code.google.com/p/uim/
<i>vino</i>	2.26.1	2.28.1	http://www.gnome.org
<i>xdg-user-dirs</i>	0.10	0.11	http://freedesktop.org/wiki/Software/xdg-user-dirs

패키지	구 버전	신 버전	업스트림 URL
<i>xfce4-cddrive-plugin</i>	new	0.0.1	http://goodies.xfce.org/projects/panel-plugins/xfce4-cddrive-plugin
<i>xfce4-cellmodem-plugin</i>	new	0.0.5	http://goodies.xfce.org/projects/panel-plugins/xfce4-cellmodem-plugin
<i>xfce4-clipman-plugin</i>	0.9.1	1.1.1	http://goodies.xfce.org/projects/panel-plugins/xfce4-clipman-plugin
<i>xfce4-dict</i>	0.5.2	0.5.3	http://goodies.xfce.org/projects/applications/xfce4-dict
<i>xfce4-dict-plugin</i>	0.5.2	0.5.3	http://goodies.xfce.org/projects/applications/xfce4-dict
<i>xfce4-mpc-plugin</i>	0.3.3	0.3.4	http://goodies.xfce.org/projects/panel-plugins/xfce4-mpc-plugin
<i>xfce4-notes-plugin</i>	1.6.4	1.7.1	http://goodies.xfce.org/projects/panel-plugins/xfce4-notes-plugin
<i>xfce4-notifyd</i>	new	0.1.0	http://spuriousinterrupt.org/projects/xfce4-notifyd
<i>xfce4-panel</i>	4.6.1	4.6.2	http://www.xfce.org/
<i>xfce4-places-plugin</i>	1.1.0	1.2.0	http://goodies.xfce.org/projects/panel-plugins/xfce4-places-plugin
<i>xfce4-power-manager</i>	0.8.0	0.8.4.1	http://goodies.xfce.org/projects/applications/xfce4-power-manager
<i>xfce4-radio-plugin</i>	new	0.4.1	http://goodies.xfce.org/projects/panel-plugins/xfce4-radio-plugin
<i>xfce4-screenshooter</i>	1.5.1	1.6.0	http://goodies.xfce.org/projects/applications/xfce4-screenshooter
<i>xfce4-screenshooter-plugin</i>	1.5.1	1.6.0	http://goodies.xfce.org/projects/applications/xfce4-screenshooter
<i>xfce4-session</i>	4.6.0	4.6.1	http://www.xfce.org/
<i>xfce4-session-engines</i>	4.6.0	4.6.1	http://www.xfce.org/

패키지	구 버전	신 버전	업스트림 URL
<i>xfce4-settings</i>	4.6.1	4.6.3	http://www.xfce.org/

표 66. 사용자 인터페이스-데스크탑들 모든 변경 사항

패키지	구 버전	신 버전	업스트림 URL
<i>xfce4-weather-plugin</i>	0.6.2	0.7.3	http://goodies.xfce.org/projects/panel-plugins/xfce4-weather-plugin
<i>xfce4-xkb-plugin</i>	0.5.2	0.5.3.3	http://goodies.xfce.org/projects/panel-plugins/xfce4-xkb-plugin
<i>xfwm4-theme-nodoka</i>	0.1	0.2	https://fedorahosted.org/nodoka/
<i>xpad</i>	3.0	4.0	http://xpad.sourceforge.net
<i>xsettings-kde</i>	0.9	0.11	http://svn.mandriva.com/cgi-bin/viewvc.cgi/soft/theme/xsettings-kde/
<i>yakuake</i>	2.9.4	2.9.6	http://extragear.kde.org/apps/yakuake/

표 67. All User_Interface-Desktops changes (cont'd)

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8.10.2. 사용자 인터페이스-데스크탑

패키지	구 버전	신 버전	업스트림 URL
<i>gnome-session-xsession</i>	2.26.1	2.28.0	http://www.gnome.org

표 68. 사용자 인터페이스-데스크탑 모든 변경 사항

패키지 변경 사항	1
변경되지 않은 패키지	0
전체 패키지	1

8.10.3. 사용자 인터페이스-X 하드웨어 지원

패키지	구 버전	신 버전	업스트림 URL
<i>easystroke</i>	new	0.4.9	http://easystroke.sourceforge.net/

패키지	구 버전	신 버전	업스트림 URL
<i>em8300-utils</i>	0.17.2	0.17.3	http://dxr3.sourceforge.net/
<i>florence</i>	0.4.0	0.4.3	http://florence.sourceforge.net
<i>gnome-lirc-properties</i>	0.3.1	0.4.0	http://svn.gnome.org/svn/gnome-lirc-properties/trunk
<i>mesa-dri-drivers</i>	7.5	7.6	http://www.mesa3d.org
<i>razertool</i>	new	0.0.7	http://razertool.sourceforge.net/
<i>xorg-x11-drv-acecad</i>	1.3.0	1.4.0	http://www.x.org
<i>xorg-x11-drv-aiptek</i>	1.2.0	1.3.0	http://www.x.org
<i>xorg-x11-drv-apm</i>	1.2.1	1.2.2	http://www.x.org
<i>xorg-x11-drv-ast</i>	0.87.0	0.89.9	http://www.x.org
<i>xorg-x11-drv-ati</i>	6.12.2	6.13.0	http://www.x.org
<i>xorg-x11-drv-chips</i>	1.2.1	1.2.2	http://www.x.org
<i>xorg-x11-drv-cirrus</i>	1.2.0	1.3.2	http://www.x.org
<i>xorg-x11-drv-dummy</i>	0.3.1	0.3.2	http://www.x.org
<i>xorg-x11-drv-evdev</i>	2.2.1	2.3.0	http://www.x.org
<i>xorg-x11-drv-fbdev</i>	0.4.0	0.4.1	http://www.x.org
<i>xorg-x11-drv-geode</i>	2.11.2	2.11.4.1	http://www.x.org/wiki/AMDGeodeDriver
<i>xorg-x11-drv-glint</i>	1.2.2	1.2.4	http://www.x.org
<i>xorg-x11-drv-i128</i>	1.3.0	1.3.3	http://www.x.org
<i>xorg-x11-drv-i740</i>	1.2.0	1.3.2	http://www.x.org
<i>xorg-x11-drv-intel</i>	2.7.0	2.9.1	http://www.x.org
<i>xorg-x11-drv-ivtv</i>	1.0.1	1.1.0	http://ivtvdriver.org
<i>xorg-x11-drv-keyboard</i>	1.3.2	1.3.99.1	http://www.x.org
<i>xorg-x11-drv-mach64</i>	6.8.0	6.8.2	http://www.x.org
<i>xorg-x11-drv-mga</i>	1.4.10	1.4.11	http://www.x.org
<i>xorg-x11-drv-mouse</i>	1.4.0	1.4.99.1	http://www.x.org
<i>xorg-x11-drv-neomagic</i>	1.2.2	1.2.4	http://www.x.org
<i>xorg-x11-drv-nouveau</i>	0.0.12	0.0.15	http://www.x.org
<i>xorg-x11-drv-nv</i>	2.1.13	2.1.15	http://www.x.org
<i>xorg-x11-drv-openchrome</i>	0.2.903	0.2.904	http://www.openchrome.org
<i>xorg-x11-drv-r128</i>	6.8.0	6.8.1	http://www.x.org
<i>xorg-x11-drv-rendition</i>	4.2.1	4.2.2	http://www.x.org
<i>xorg-x11-drv-s3</i>	0.6.1	0.6.3	http://www.x.org

패키지	구 버전	신 버전	업스트림 URL
<i>xorg-x11-drv-s3virge</i>	1.10.2	1.10.4	http://www.x.org
<i>xorg-x11-drv-savage</i>	2.2.1	2.3.1	http://www.x.org
<i>xorg-x11-drv-siliconmotion</i>	1.7.0	1.7.3	http://www.x.org
<i>xorg-x11-drv-sis</i>	0.10.1	0.10.2	http://www.x.org
<i>xorg-x11-drv-sisusb</i>	0.9.1	0.9.3	http://www.x.org
<i>xorg-x11-drv-synaptics</i>	1.1.0	1.1.99	http://www.x.org
<i>xorg-x11-drv-tdfx</i>	1.4.1	1.4.3	http://www.x.org
<i>xorg-x11-drv-trident</i>	1.3.1	1.3.3	http://www.x.org
<i>xorg-x11-drv-tseng</i>	1.2.1	1.2.2	http://www.x.org
<i>xorg-x11-drv-vesa</i>	2.2.0	2.2.1	http://www.x.org
<i>xorg-x11-drv-vmmouse</i>	12.6.3	12.6.5	http://www.x.org
<i>xorg-x11-drv-vmware</i>	10.16.0	10.16.7	http://www.x.org
<i>xorg-x11-drv-void</i>	1.2.0	1.3.0	http://www.x.org
<i>xorg-x11-drv-vooodoo</i>	1.2.1	1.2.3	http://www.x.org
<i>zbar</i>	new	0.8	http://sourceforge.net/projects/zbar

표 69. 사용자 인터페이스-X 하드웨어 지원 모든 변경 사항

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8.10.4. 사용자 인터페이스-X

패키지	구 버전	신 버전	업스트림 URL
<i>adf-accanthis-2-fonts</i>	new	1.6	http://arkandis.tuxfamily.org/adffonts.html
<i>adf-accanthis-3-fonts</i>	new	1.6	http://arkandis.tuxfamily.org/adffonts.html
<i>adf-accanthis-fonts</i>	new	1.6	http://arkandis.tuxfamily.org/adffonts.html
<i>adf-accanthis-fonts-common</i>	new	1.6	http://arkandis.tuxfamily.org/adffonts.html
<i>apa-new-athena-unicode-fonts</i>	new	3.4	http://apagreekkeys.org/NAUdownload.html

패키지	구 버전	신 버전	업스트림 URL
<i>apanov-heuristica-fonts</i>	20090125	0.2	ftp://ftp.dvo.ru/pub/Font/heuristica/
<i>argyllcms</i>	1.0.3	1.0.4	http://www.argyllcms.com/
<i>argyllcms-doc</i>	1.0.3	1.0.4	http://www.argyllcms.com/
<i>bpg-excelsior-fonts</i>	new	2.025	http://groups.google.com/group/bpg-fonts
<i>cave9-mutante-fonts</i>	new	0.3	http://code.google.com/p/cave9
<i>cjkuni-fonts-common</i>	0.2.20080216.1	dropped	http://www.freedesktop.org/wiki/Software/CJKUnifonts
<i>conakry-fonts</i>	new	20070829	http://www.evertype.com/fonts/nko/
<i>conky</i>	1.6.1	1.7.2	http://conky.sf.net/
<i>culmus-aharoni-clm-fonts</i>	0.102	0.103	http://culmus.sourceforge.net
<i>culmus-caladings-clm-fonts</i>	0.102	0.103	http://culmus.sourceforge.net
<i>culmus-david-clm-fonts</i>	0.102	0.103	http://culmus.sourceforge.net
<i>culmus-drugulin-clm-fonts</i>	0.102	0.103	http://culmus.sourceforge.net
<i>culmus-ellinia-clm-fonts</i>	0.102	0.103	http://culmus.sourceforge.net
<i>culmus-fonts-common</i>	0.102	0.103	http://culmus.sourceforge.net
<i>culmus-fonts-compatible</i>	0.102	0.103	http://culmus.sourceforge.net
<i>culmus-frank-ruehl-clm-fonts</i>	0.102	0.103	http://culmus.sourceforge.net
<i>culmus-miriam-clm-fonts</i>	0.102	0.103	http://culmus.sourceforge.net
<i>culmus-miriam-mono-clm-fonts</i>	0.102	0.103	http://culmus.sourceforge.net
<i>culmus-nachlieli-clm-fonts</i>	0.102	0.103	http://culmus.sourceforge.net
<i>culmus-yehuda-clm-fonts</i>	0.102	0.103	http://culmus.sourceforge.net

패키지	구 버전	신 버전	업스트림 URL
<i>dejavu-fonts-common</i>	2.29	2.30	http://dejavu-fonts.org/
<i>dejavu-lgc-sans-fonts</i>	2.29	2.30	http://dejavu-fonts.org/
<i>dejavu-lgc-sans-mono-fonts</i>	2.29	2.30	http://dejavu-fonts.org/
<i>dejavu-lgc-serif-fonts</i>	2.29	2.30	http://dejavu-fonts.org/
<i>dejavu-sans-fonts</i>	2.29	2.30	http://dejavu-fonts.org/
<i>dejavu-sans-mono-fonts</i>	2.29	2.30	http://dejavu-fonts.org/
<i>dejavu-serif-fonts</i>	2.29	2.30	http://dejavu-fonts.org/
<i>dogtail</i>	0.6.90	0.7.0	http://dogtail.fedorahosted.org/
<i>doxygen-doxywizard</i>	1.5.8	1.6.1	http://www.stack.nl/~dimitri/doxygen/index.html
<i>dzen2</i>	new	0.8.5	http://gotmor.googlepages.com/dzen
<i>fontmatrix</i>	0.5.0	0.6.99	http://www.fontmatrix.net/
<i>freecol-imperator-fonts</i>	0.8.1	0.8.3	http://www.freecol.org/
<i>freecol-shadowedblack-fonts</i>	0.8.1	0.8.3	http://www.freecol.org/
<i>gdm</i>	2.26.1	2.28.1	http://download.gnome.org/sources/gdm
<i>gfs-decker-fonts</i>	new	20090618	http://www.greekfontsociety.gr/pages/en_typefaces19th.html
<i>gfs-pyrsos-fonts</i>	new	20090618	http://www.greekfontsociety.gr/pages/en_typefaces20th.html
<i>google-droid-fonts-common</i>	1.0.112	20090906	http://android.git.kernel.org/?p=platform/frameworks/base.git;a=tree;f=data/fonts
<i>google-droid-sans-fonts</i>	1.0.112	20090906	http://android.git.kernel.org/?p=platform/frameworks/base.git;a=tree;f=data/fonts

패키지	구 버전	신 버전	업스트림 URL
<i>google-droid-sans-mono-fonts</i>	1.0.112	20090906	http://android.git.kernel.org/?p=platform/frameworks/base.git;a=tree;f=data/fonts
<i>google-droid-serif-fonts</i>	1.0.112	20090906	http://android.git.kernel.org/?p=platform/frameworks/base.git;a=tree;f=data/fonts
<i>gxmessage</i>	new	2.12.4	http://homepages.ihug.co.nz/~trmusson/programs.html#gxmessage
<i>inkboy-fonts</i>	new	20070624	http://inkboy.fr/html/telechargement-ressources.php
<i>kacst-art-fonts</i>	new	2.0	http://www.arabeyes.org/resources.php
<i>kacst-book-fonts</i>	new	2.0	http://www.arabeyes.org/resources.php
<i>kacst-decorative-fonts</i>	new	2.0	http://www.arabeyes.org/resources.php
<i>kacst-digital-fonts</i>	new	2.0	http://www.arabeyes.org/resources.php
<i>kacst-farsi-fonts</i>	new	2.0	http://www.arabeyes.org/resources.php
<i>kacst-fonts-common</i>	new	2.0	http://www.arabeyes.org/resources.php
<i>kacst-letter-fonts</i>	new	2.0	http://www.arabeyes.org/resources.php
<i>kacst-naskh-fonts</i>	new	2.0	http://www.arabeyes.org/resources.php
<i>kacst-office-fonts</i>	new	2.0	http://www.arabeyes.org/resources.php

패키지	구 버전	신 버전	업스트림 URL
<i>kacst-one-fonts</i>	new	2.0	http://www.arabeyes.org/resources.php
<i>kacst-pen-fonts</i>	new	2.0	http://www.arabeyes.org/resources.php
<i>kacst-poster-fonts</i>	new	2.0	http://www.arabeyes.org/resources.php
<i>kacst-qurn-fonts</i>	new	2.0	http://www.arabeyes.org/resources.php
<i>kacst-screen-fonts</i>	new	2.0	http://www.arabeyes.org/resources.php
<i>kacst-title-fonts</i>	new	2.0	http://www.arabeyes.org/resources.php
<i>kacst-titel-fonts</i>	new	2.0	http://www.arabeyes.org/resources.php
<i>kdm</i>	4.2.2	4.3.2	http://www.kde.org/
<i>krb5-auth-dialog</i>	0.8	0.13	https://honk.sigxcpu.org/piki/projects/krb5-auth-dialog/
<i>lcdf-typetools</i>	new	2.79	http://www.lcdf.org
<i>ldm</i>	2.0.33	2.0.46	https://code.launchpad.net/~ltsp-upstream/ltsp/ldm-trunk
<i>ldminfod</i>	2.0.33	2.0.46	https://code.launchpad.net/~ltsp-upstream/ltsp/ldm-trunk
<i>liberation-fonts-common</i>	1.04.93	1.05.1.20090721	https://fedorahosted.org/liberation-fonts/
<i>liberation-mono-fonts</i>	1.04.93	1.05.1.20090721	https://fedorahosted.org/liberation-fonts/
<i>liberation-sans-fonts</i>	1.04.93	1.05.1.20090721	https://fedorahosted.org/liberation-fonts/

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<i>liberation-serif-fonts</i>	1.04.93	1.05.1.20090721	https://fedorahosted.org/liberation-fonts/
<i>lilyterm</i>	new	0.9.6	http://lilyterm.luna.com.tw
<i>linux-libertine-fonts</i>	4.1.8	4.4.1	http://linuxlibertine.sf.net
<i>lklug-fonts</i>	0.2.2	0.6	http://sinhala.sourceforge.net/
<i>lohit-assamese-fonts</i>	2.3.8	2.4.3	https://fedorahosted.org/lohit/
<i>lohit-bengali-fonts</i>	2.3.8	2.4.3	https://fedorahosted.org/lohit/
<i>lohit-fonts-common</i>	2.3.8	dropped	https://fedorahosted.org/lohit/
<i>lohit-gujarati-fonts</i>	2.3.8	2.4.3	https://fedorahosted.org/lohit/
<i>lohit-hindi-fonts</i>	2.3.8	2.4.3	https://fedorahosted.org/lohit/
<i>lohit-kannada-fonts</i>	2.3.8	2.4.4	https://fedorahosted.org/lohit/
<i>lohit-kashmiri-fonts</i>	2.3.8	2.4.3	https://fedorahosted.org/lohit/
<i>lohit-konkani-fonts</i>	2.3.8	2.4.3	https://fedorahosted.org/lohit/
<i>lohit-maithili-fonts</i>	2.3.8	2.4.3	https://fedorahosted.org/lohit/
<i>lohit-malayalam-fonts</i>	2.3.8	2.4.4	https://fedorahosted.org/lohit/
<i>lohit-marathi-fonts</i>	2.3.8	2.4.3	https://fedorahosted.org/lohit/
<i>lohit-nepali-fonts</i>	2.3.8	2.4.3	https://fedorahosted.org/lohit/
<i>lohit-oriya-fonts</i>	2.3.8	2.4.3	https://fedorahosted.org/lohit/
<i>lohit-punjabi-fonts</i>	2.3.8	2.4.3	https://fedorahosted.org/lohit/
<i>lohit-sindhi-fonts</i>	2.3.8	2.4.3	https://fedorahosted.org/lohit/
<i>lohit-tamil-fonts</i>	2.3.8	2.4.4	https://fedorahosted.org/lohit/
<i>lohit-telugu-fonts</i>	2.3.8	2.4.4	https://fedorahosted.org/lohit/

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<i>mscore-fonts</i>	new	0.9.5	http://musescore.org/en
<i>nethack-bitmap-fonts</i>	new	3.4.3	http://nethack.org
<i>nethack-bitmap-fonts-core</i>	new	3.4.3	http://nethack.org
<i>nted-ntedfont-fonts</i>	1.5.0	1.8.1	http://vsr.informatik.tu-chemnitz.de/staff/jan/nted/nted.xhtml
<i>oflb-notcouriersans-fonts</i>	new	1.1	http://openfontlibrary.org/media/files/OSP/411
<i>openoffice.org-opensymbol-fonts</i>	3.1.0	3.1.1	http://www.openoffice.org/
<i>paktype-fonts-common</i>	new	2.0	https://sourceforge.net/projects/paktype/
<i>paktype-naqsh-fonts</i>	new	2.0	https://sourceforge.net/projects/paktype/
<i>paktype-tehreer-fonts</i>	new	2.0	https://sourceforge.net/projects/paktype/
<i>pothana2000-fonts</i>	new	1.3.1	http://www.kavya-nandanam.com/dload.htm
<i>roxterm</i>	1.14.1	1.15.2	http://roxterm.sourceforge.net/
<i>saab-fonts</i>	new	0.91	http://guca.sourceforge.net/typography/fonts/saab/
<i>sakura</i>	new	2.3.3	http://pleyades.net/david/sakura.php
<i>senamirmir-washra-fantuwua-fonts</i>	new	4.1	http://www.senamirmir.org/projects/typography/typeface.html
<i>senamirmir-washra-fonts</i>	new	4.1	http://www.senamirmir.org/projects/typography/typeface.html
<i>senamirmir-washra-fonts-common</i>	new	4.1	http://www.senamirmir.org/projects/typography/typeface.html
<i>senamirmir-washra-hiwua-fonts</i>	new	4.1	http://www.senamirmir.org/projects/typography/typeface.html

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<i>senamirmir-washra-jiret-fonts</i>	new	4.1	http://www.senamirmir.org/projects/typography/typeface.html
<i>senamirmir-washra-tint-fonts</i>	new	4.1	http://www.senamirmir.org/projects/typography/typeface.html
<i>senamirmir-washra-wookianos-fonts</i>	new	4.1	http://www.senamirmir.org/projects/typography/typeface.html
<i>senamirmir-washra-yebse-fonts</i>	new	4.1	http://www.senamirmir.org/projects/typography/typeface.html
<i>senamirmir-washra-yigezu-bisrat-goffer-fonts</i>	new	4.1	http://www.senamirmir.org/projects/typography/typeface.html
<i>senamirmir-washra-yigezu-bisrat-gothic-fonts</i>	new	4.1	http://www.senamirmir.org/projects/typography/typeface.html
<i>senamirmir-washra-zelan-fonts</i>	new	4.1	http://www.senamirmir.org/projects/typography/typeface.html
<i>sil-charis-compact-fonts</i>	new	4.106	http://scripts.sil.org/CharisSILFont
<i>sil-charis-fonts</i>	4.104	4.106	http://scripts.sil.org/CharisSILFont
<i>smc-anjalioldlipi-fonts</i>	04.1	04.2	http://savannah.nongnu.org/projects/smc
<i>smc-dyuthi-fonts</i>	04.1	04.2	http://savannah.nongnu.org/projects/smc
<i>smc-fonts-common</i>	04.1	04.2	http://savannah.nongnu.org/projects/smc
<i>smc-kalyani-fonts</i>	04.1	04.2	http://savannah.nongnu.org/projects/smc

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<i>smc-meera-fonts</i>	04.1	04.2	http://savannah.nongnu.org/projects/smc
<i>smc-rachana-fonts</i>	04.1	04.2	http://savannah.nongnu.org/projects/smc
<i>smc-raghumalayalam-fonts</i>	04.1	04.2	http://savannah.nongnu.org/projects/smc
<i>smc-suruma-fonts</i>	04.1	04.2	http://savannah.nongnu.org/projects/smc
<i>termit</i>	new	2.2.0	http://termit.googlecode.com/
<i>thai-scalable-fonts-common</i>	0.4.11	0.4.12	http://linux.thai.net/projects/thaifonts-scalable
<i>thai-scalable-fonts-compatible</i>	0.4.11	0.4.12	http://linux.thai.net/projects/thaifonts-scalable
<i>thai-scalable-garuda-fonts</i>	0.4.11	0.4.12	http://linux.thai.net/projects/thaifonts-scalable
<i>thai-scalable-kinnari-fonts</i>	0.4.11	0.4.12	http://linux.thai.net/projects/thaifonts-scalable
<i>thai-scalable-loma-fonts</i>	0.4.11	0.4.12	http://linux.thai.net/projects/thaifonts-scalable
<i>thai-scalable-norasi-fonts</i>	0.4.11	0.4.12	http://linux.thai.net/projects/thaifonts-scalable
<i>thai-scalable-purisa-fonts</i>	0.4.11	0.4.12	http://linux.thai.net/projects/thaifonts-scalable
<i>thai-scalable-sawasdee-fonts</i>	0.4.11	0.4.12	http://linux.thai.net/projects/thaifonts-scalable
<i>thai-scalable-tlwgmono-fonts</i>	0.4.11	0.4.12	http://linux.thai.net/projects/thaifonts-scalable
<i>thai-scalable-tlwgtypewriter-fonts</i>	0.4.11	0.4.12	http://linux.thai.net/projects/thaifonts-scalable

패키지	구 버전	신 버전	업스트림 URL
<i>thai-scalable-tlwgtypist-fonts</i>	0.4.11	0.4.12	http://linux.thai.net/projects/thaifonts-scalable
<i>thai-scalable-tlwgtypo-fonts</i>	0.4.11	0.4.12	http://linux.thai.net/projects/thaifonts-scalable
<i>thai-scalable-umpush-fonts</i>	0.4.11	0.4.12	http://linux.thai.net/projects/thaifonts-scalable
<i>thai-scalable-waree-fonts</i>	0.4.11	0.4.12	http://linux.thai.net/projects/thaifonts-scalable
<i>tigervnc-server</i>	0.0.90	1.0.0	http://www.tigervnc.com
<i>tigervnc-server-module</i>	0.0.90	1.0.0	http://www.tigervnc.com
<i>un-core-batang-fonts</i>	new	1.0.2	http://kldp.net/projects/unfonts/
<i>un-core-dinaru-fonts</i>	new	1.0.2	http://kldp.net/projects/unfonts/
<i>un-core-dotum-fonts</i>	new	1.0.2	http://kldp.net/projects/unfonts/
<i>un-core-fonts-common</i>	new	1.0.2	http://kldp.net/projects/unfonts/
<i>un-core-graphic-fonts</i>	new	1.0.2	http://kldp.net/projects/unfonts/
<i>un-core-gungseo-fonts</i>	new	1.0.2	http://kldp.net/projects/unfonts/
<i>un-core-pilgi-fonts</i>	new	1.0.2	http://kldp.net/projects/unfonts/
<i>vemana2000-fonts</i>	new	1.1.1	http://www.kavya-nandanam.com/dload.htm
<i>vlgothic-fonts</i>	20090204	20090612	http://dicey.org/vlgothic
<i>vlgothic-fonts-common</i>	20090204	20090612	http://dicey.org/vlgothic
<i>vlgothic-p-fonts</i>	20090204	20090612	http://dicey.org/vlgothic
<i>vte</i>	0.20.1	0.22.2	n/a
<i>wmfire</i>	new	1.2.3	http://www.swanson.ukfsn.org/

표 70. 사용자 인터페이스-X 모든 변경 사항

패키지	구 버전	신 버전	업스트림 URL
<i>woodardworks-laconic-fonts</i>	new	001.001	http://www.woodardworks.com/type13.html
<i>woodardworks-laconic-shadow-fonts</i>	new	001.001	http://www.woodardworks.com/type13.html
<i>xdotool</i>	20090126	20090815	http://www.semicomplete.com/projects/xdotool/
<i>xkeyboard-config</i>	1.5	1.6	http://www.freedesktop.org/wiki/Software/XKeyboardConfig
<i>xmonad</i>	new	0.8.1	http://hackage.haskell.org/cgi-bin/hackage-scripts/package/xmonad
<i>xorg-x11-apps</i>	7.3	7.4	http://www.x.org
<i>xorg-x11-server-Xephyr</i>	1.6.1.901	1.7.1	http://www.x.org
<i>xorg-x11-server-Xnest</i>	1.6.1.901	1.7.1	http://www.x.org
<i>xorg-x11-server-Xorg</i>	1.6.1.901	1.7.1	http://www.x.org
<i>xorg-x11-server-Xvfb</i>	1.6.1.901	1.7.1	http://www.x.org
<i>xorg-x11-server-common</i>	1.6.1.901	1.7.1	http://www.x.org
<i>xorg-x11-server-devel</i>	1.6.1.901	1.7.1	http://www.x.org
<i>xorg-x11-xkb-extras</i>	new	7.4	http://www.x.org
<i>xorg-x11-xkb-utils</i>	7.2	7.4	http://www.x.org
<i>xscope</i>	new	1.2	http://cgkit.freedesktop.org/xorg/app/xscope/
<i>xterm</i>	242	248	http://dickey.his.com/xterm

표 71. All User_Interface-X changes (cont'd)

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