

# Arch Linux Weekly Newsletter

Jason Chu and Ben Mazer

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## 1 Opening

Welcome to the Arch Linux Newsletter. This attempts to give you an “at a glance” look at the world of Arch Linux.

## 2 News

- **OpenSSL Upgrade**

We’ve started the not-so-fun upgrade from openssl 0.9.6 to openssl 0.9.7. We’ve rebuilt about half of the 80 or so packages, and the rest should be done within the next day or two.

Please be patient while we get all this stuff rebuilt. Some bigger packages (like the collective works of GNOME) will take some time.

### 2.1 This Week in Dev Land

- Dale started a long discussion about mozilla plugins. Google gave us an answer. All mozilla plugins will work out of the box, after we rebuild them, from now on.
- The developers have been scrambling to update all of their openssl dependent packages. I created a comprehensive list of all packages that were linked to openssl, so expect all the errors to go away very soon.
- We are discussing releasing an 0.6.1 cd with the current openssl upgrade and other large updates we’ve made. That way it could save new users (who are installing off of cds) from having to download all these updates all over again.
- Three developers are going on holidays this week. We’ll try to keep up with package updates while they’re gone.

## 2.2 ArchStats Updates

*To participate, visit: <http://archstats.coding-zone.com>*

Number of registered systems: 307

Date first system was registered: 20031017 [22:24:30]

Most recent update occurred: 20040321 [17:29:15]

Longest recorded uptime: 175 days, 22 hours, 51 minutes, 55 seconds

Average uptime: 4 days, 8 hours, 2 minutes, 16 seconds

Lowest kernel version: 2.4.21

Highest kernel version: 2.6.4

Least packages installed on a system: 44

Average installed packages: 254

Most packages installed on a system: 563

## 3 Discussions

### 3.1 Forum Highlights

- BlueBird started an Arch Linux Wallpaper contest. There are a bunch of submissions, so you have no excuse for a bad looking box now. <http://bbs.archlinux.org/viewtopic.php?t=3304>
- Wdemos brought up the question of XFree86 4.4.0 again. This time, it was to debate whether Arch should use the X.org server, which was a fork of XFree86 4.4.0RC2. This decision is still under debate. Read the thread at: <http://bbs.archlinux.org/viewtopic.php?t=3286>
- Alcatle wanted to know why Guests were allowed to post in the forum. Him and most of the posters were against the idea, claiming that it would cause more tolling. Join the debate over this way: <http://bbs.archlinux.org/viewtopic.php?t=3243>

- Multiple threads (such as this one: <http://bbs.archlinux.org/viewtopic.php?t=3328>) were started because of the OpenSSL upgrade. Please refrain from posting for a week or two on this, because the devs have to rebuild many packages.

Read the announcement here:

<http://subversion.tigris.org/servlets/NewsItemView?newsItem>

- Evolution 1.4.6 has been released. It fixes many bugs, so all users should upgrade. Read the release notes here: [http://developer.ximian.com/projects/evolution/release\\_notes/](http://developer.ximian.com/projects/evolution/release_notes/)

## 3.2 Mailing List Highlights

- Wolfgang Pichler raised the question of replacing devfs with udev in the default Arch install. Udev still isn't mature and it is too risky to switch over at this point. As it matures though, Arch will have to switch because DevFS is obsoleted, and will be removed from the default kernel eventually. Read the thread here: <http://www.archlinux.org/pipermail/arch/2004-March/001106.html>

### 3.2.1 TUR Mailing List

We welcome Brice Carpentier as our newest Trusted User. We are still looking for more packagers, so contact the other TUs for the details on sponsorship (or email the TUR Mailing List).

Testing has really ramped up this week, and many packages were moved to and from staging. Expect INCOMING to get cleaner in the next few weeks. For any would-be submitters though, please make sure your package isn't already made in INCOMING, STAGING, or the official repos. We don't need any extra clutter during the cleanup process.

## 4 Packages

### 4.1 Package Highlights

- OpenSSL 0.9.7. Arch finally made the jump to OpenSSL 0.9.7. Unfortunately packages link to OpenSSL by version, so every package which depends on OpenSSL has to be rebuilt. You may want to hold off on this package for a few days.
- Subversion 1.0.1 was released and repackaged. This is the first release since the major 1.0 announcement. This fixes a few major bugs.

### 4.2 New Packages

```

gtk-doc 1.2-1
xchat 2.0.8-1
xine-ui 0.9.23-2
phpmyadmin 2.5.6-1
pam_mysql 0.5-2
autofs 4.0.0-3
flac 1.1.0-4
avidemux 2.0.22-3
glabels 1.93.3-2
raptor 1.1.0-2
etherape 0.9.0-2
jabberd 2.0s2-2
stunnel 4.04-3
vtun 2.6-3
spamassassin 2.63-2
cyrus-sasl 2.1.18-2
osiris 2.4.4-2
squid 2.5.STABLE5-2
ucspi-ssl 0.50-2
gphpedit 0.9.10-2
mlview 0.6.2-2
conglomerate 0.7.12-2
grip 3.1.6-1
mono 0.31-1
dcraw 1.178-1
rhythmbox 0.6.5-2
vte 0.11.10-3
yelp 2.4.2-3
nautilus-gtkhtml 0.3.2-2
orbit2 2.8.3-2
nautilus-cd-burner 0.6.0-2
nautilus 2.4.2-3
libgtkhtml 2.4.1-2
libsoup 1.99.26-2
libgnomeui 2.4.0.1-3
libgnomeprint 2.4.2-2
libgnomeprintui 2.4.2-2
libgnomecanvas 2.4.0-3
libbonoboui 2.4.3-3
libgnome 2.4.0-2

```

|                             |                         |
|-----------------------------|-------------------------|
| gtkhtml 3.0.10-2            | xine-lib 1rc3b-2        |
| libbonobo 2.4.3-2           | mplayer-plugin 2.50-2   |
| gnome-vfs-extras 0.99.11-2  | reiserfsprogs 3.6.14-1  |
| gnome-utils 2.4.1-3         | samba 3.0.2-3           |
| gnome-vfs 2.4.2-2           | apache 2.0.49-1         |
| gnome-themes-extras 0.6-2   | jade 1.2.1-1            |
| gnome-terminal 2.4.2-4      | sylpheed-claws 0.9.10-3 |
| gnome-session 2.4.2-2       | parted 1.6.7-1          |
| gnome-panel 2.4.2-3         | lprng 3.8.24-2          |
| gnome-mime-data 2.4.1-2     | elinks 0.9.1-2          |
| gnome-icon-theme 1.0.9-2    | kdelibs 3.2.1-2         |
| gnome-media 2.4.1.1-3       | gtk-perl 0.7009-4       |
| gnome-desktop 2.4.1.1-2     | socat 1.3.2.2-1         |
| gnome-games 2.4.2-2         | came 1.7-2              |
| gnome-applets 2.4.2-3       | sylpheed 0.9.10-2       |
| gnome2-user-docs 2.4.1-2    | ssldump 0.9b3-2         |
| magicdev 1.1.6-2            | rdesktop 1.3.1-2        |
| quick-lounge-applet 2.0.3-2 | psi 0.9.1-4             |
| libgnomeui 2.0.0-2          | ntp 4.2.0-2             |
| libgnomecanvas 2.0.1-2      | epic4 1.2.9-1           |
| libgnomemm 2.0.1-2          | centericq 4.9.10-2      |
| libgladem 2.0.1-2           | openssh 3.8p1-3         |
| gconfmm 2.0.1-2             | openldap 2.1.25-2       |
| ghostscript 7.07.1-5        | python 2.3.3-3          |
| gucharmap 1.2.0-2           | nmap 3.50-3             |
| gtksourceview 0.7.0-2       | pine 4.58-2             |
| netspeed-applet 0.9.2-2     | openssl 0.9.7d-1        |
| gdeskcal 0.57.1-2           | ruby 1.8.1-2            |
| ghex 2.4.1-2                | php 4.3.4-7             |
| libzvt 2.0.1-2              | openvpn 1.5.0-3         |
| gcalctool 4.3.42-2          | gkrellm 2.1.28-2        |
| eog 2.4.1-2                 | mysql 4.0.18-2          |
| file-roller 2.4.4-3         | mutt 1.4.2-2            |
| gst-plugins 0.6.4-6         | w3m 0.4.2-3             |
| nautilus-media 0.3.4-2      | xchat 2.0.7-2           |
| gnomeicu 0.99-3             | lftp 2.6.12-2           |
| grcm 0.1.5-2                | licq 1.2.7-2            |
| epiphany 1.0.7-2            | links 2.1pre14-3        |
| acme 2.4.2-3                | gftp 2.0.16-2           |
| at-spi 1.3.9-3              | irssi 0.8.9-2           |
| bug-buddy 2.4.2-3           | ethereal 0.10.2-2       |
| control-center 2.4.0-4      | curl 7.11.0-2           |
| eel 2.4.2-3                 | tcpdump 3.8.1-3         |
| gail 1.4.1-3                | wget 1.9.1-2            |
| gal 1.99.11-2               | imap 2002e-3            |
| gconf 2.4.0.1-2             | bind 9.2.3-2            |
| gconf-editor 2.4.0-2        | cups 1.1.20-2           |
| gdm 2.4.4.7-2               | postgresql 7.4.2-2      |
| gstreamer 0.6.5-2           | wvstreams 3.74.0-2      |
| gnome-common 2.4.0-3        | ntop 3.0pre2-2          |

perlxml 2.34-2  
 tin 1.7.4-1  
 intltool 0.30-1  
 gpm 1.20.1-4  
 httrack 3.31-1  
 librep 0.16.1-2  
 j2re 1.4.2\_04-1  
 cgoban2 2.5.7-1  
 swi-prolog 5.2.13-1  
 j2sdk 1.4.2\_04-1  
 xawtv 3.91-1  
 bochs 2.1.1-1  
 subversion 1.0.1-1  
 firestarter 0.9.2-3  
 bittorrent 3.4.1a-1  
 xosd 2.2.5-3  
 abcde 2.1.15-1  
 gtodo 0.14-1  
 wxpython 2.4.2.4-2  
 mjpegtools 1.6.2-1  
 xvidcore 1.0.0-1  
 transcode 0.6.12-1  
 vlc 0.7.1-1  
 ffmpeg 0.4.8-2  
 dbh 1.0.18-1  
 pipemeter 0.9.2-1  
 wdm 1.26-2  
 scummvm 0.6.0-1  
 cyrus-sasl 2.1.18-1  
 fox 1.0.51-1  
 abcm2ps 3.7.18-1  
 abcm2ps-devel 4.3.2-1  
 jabberd 2.0s2-1  
 pam 0.77-6  
 util-linux 2.12-2  
 flashplugin 6.0r81-1  
 kdevelop 3.0.2-4  
 wput 0.3.6-1  
 gnome-alsamixer 0.9.6-1  
 gtkscintilla2 0.1.0-1  
 ghpedit 0.9.10-1  
 alsa-lib 1.0.3-3  
 clamav 0.68-1  
 evolution 1.4.6-1  
 cabextract 1.0-1  
 postfix 2.0.19-1  
 mono 0.30.2-1  
 coreutils 5.2.1-1  
 pal 0.3.3-1  
 liferea 0.4.6e-1

#### 4.2.1 STAGING Listing

*To get access to this repository and the TURs, go to: <http://tur.archlinux.org/>*

logjam 4.3.2-s2  
 briquolo 0.4.2-1  
 amule 1.2.6-s1  
 cdw 0.2.2-s1  
 chromium 0.9.12-1  
 cups-pdf 1.4.1-s1  
 fftw3 3.0.1-1  
 cln 1.1.6-1  
 giftui 0.3.1-1  
 gksu 1.0.3-s1  
 gmencoder 0.1.0-s1  
 aspell-fr 0.50.1-1  
 gnome-cups-manager 0.17-1  
 gnotime 2.1.7-s1  
 hexedit 1.2.9-s1  
 gp 0.26-1  
 gtk-smooth-engine 0.5.6-s1  
 windowlab 1.23-s1  
 gtkglext 1.0.5-s1  
 gtkglextmm 1.0.1-s1  
 sylpheed-gtk2 0.9.9-s1  
 ion-devel 20030814-1  
 gocr 0.39-s1  
 kbarcode 1.6.1-s1  
 ksambaplugin 0.5b2-1  
 labplot 1.2.2-1  
 libchipcard 0.9.1-1  
 libgnomecups 0.1.6-1  
 libksba 0.4.7-1  
 ether-wake 1.09-1  
 gxmame 0.34b-1  
 libofx 0.6.4-1  
 putty 0.54-s2  
 fluxter 0.1.0-1  
 catdoc 0.93.3-1  
 loudmouth 0.15.1-s1  
 lwm 1.2.0-1  
 mage 6.30.030607-1  
 matern 0.1-1  
 mlview 0.6.2-1  
 monopd 0.9.0-s1  
 mp3burn 0.3.1-1  
 ms-sys 1.1.1-1  
 panorama-tools 2.6bml12-s1  
 parse-yapp 1.05-1  
 kshutdown 0.1.6-s1

pixieplus 0.5.4-1  
 potrace 1.2-1  
 potracegui 0.3-s1  
 prekin 6.30.030607-1  
 prizm 0.2-s1  
 pychecker 0.8.13-s1  
 pygtkglext 1.0.1-s1  
 scribus-devel 1.1.5-s1  
 scribus-docs 1.0.1-s1  
 seahorse 0.7.3-2  
 shaaft 0.5.0-1  
 smb4k 0.3.1-1  
 smclone 0.55-1  
 gtk-sharp 0.17-1  
 spe 0.4.2c-s1  
 gifsicle 1.40-1  
 texmacs 1.0.3.3-s1  
 tla 1.1-2  
 tse3 0.2.7-1  
 ttf-cheapskate 0.1-2  
 universalkopete 0.1-1  
 klogic 1.6-s1  
 xfce4-fsguard-plugin 0.2.0-s1  
 xfce4-xmms-plugin 0.1.1-s1  
 xml-dom 1.43-1  
 xml-regexp 0.03-1  
 xml-xql 0.68-1 xpenguins.themes 1.0-1  
 xtermset 0.5.1-s1  
 xv 3.10a-1  
 xymms 0.9.1-s1  
 sip 3.10.1-s1  
 qscintilla 1.2-s1  
 tnftp 20030825-1  
 muine 0.5.0-2  
 adns-python 1.0.0-1  
 straw 0.22.1-1  
 htmldoc 1.8.23-1  
 si3d 1.2-1  
 xfree86-freefonts-fonts 0.10-1  
 pil 1.1.4-s1  
 esmtp 0.5.0-1  
 gkrellm.amiconnected 0.6-1  
 gkrellmseti 0.7.0b-1  
 meld 0.9.1-1  
 msntp 0.7.1-1  
 nautilus\_thumbnailers 0.0.3-1  
 ne 1.20-1  
 njam 1.00-1  
 opera 7.23-0.1  
 calculate 0.3.1-1

xfig 3.2.4-1  
 yabasic 2.743-1  
 gossip 0.7.4-1  
 pyxml 0.8.3-s1  
 skencil 0.6.16-s1  
 bfilter 0.9.3-1

## 5 Problems

### 5.1 Bugs

#### 5.1.1 Bugs Closed This Week

582. openssh-3.8p1-2 package corrupt  
 577. cdrdao isn't found during makepkg  
 580. perlxml dependencies  
 464. Mozilla 1.6 package has broken permissions.  
 545. gtk-perl-0.7009-3 install problems  
 568. perlxml install errors  
 556. gnupg installs to non-standard directories  
 574. licq fails to download  
 575. e2fsprogs warnings after come  
 573. nfs-utils warnings after compile  
 569. librep dependencies  
 563. mc segfault after Ctrl-o (gpm problem)  
 570. The windowmaker homepage is wrong  
 507. APR conflicts with APACHE  
 272. xosd should have gdk-pixbuf as dep  
 382. abcde's conf file  
 562. firestarter pkg only works with kernel 2.xx  
 291. wxpython missing dependency  
 514. ffmpeg needs fixing.  
 501. mplayer-plugin missing dep  
 558. default wdm-pam configuration makes wdm unusable  
 557. util-linux patched for encrypted drives  
 554. tin needs "ncurses" dependency  
 432. gnome-vfs-extras missing dependency  
 229. pacman group "xfce4-themes"  
 438. the Xfce group doesnt have xfce4-mixer  
 544. Spamassassin needs openssl as a dependency  
 547. gkrellweather does not show values  
 551. /sys is missing (kernel26)

#### 5.1.2 Bugs Opened This Week

588. evolution needs indent as a makedepend  
 587. flac needs a refresh...  
 586. latex2html fails to compile  
 585. fakeroot fails to download

- 584. i8kmon fails to compile
- 583. gtk 2.4 reminder
- 581. wxWindows changed their name to wxWidgets
- 579. xdiskusage dependencies
- 578. ogle dependency problem
- 576. tetex compile error
- 572. libsndfile unable to be downloaded
- 571. Static version of libX11 and libXext
- 567. motion cannot be installed
- 566. replace /bin/su with file from coreutils
- 565. lisa (kdenetwork) is missing a startup script in /etc/rc.d/
- 564. List of files needed to compile third party kernel modules with 2.6
- 561. gdk-pixbuf dependencies
- 560 . bomberclone needs sdl
- 559 . ClanLib [please those basic libs with all the -enable that are recommended] plzz
- 555. numeric needs glibc as dependency

## 6 Closing

As a side note, I have started a project that attempts to test random packages already in the repositories. In its current state, the packaging system ignores packages once they're in the official trees until an error is found. This makes many mistakes go unnoticed. I'm calling this the "Package Review Project". You can read all the info at: <http://arch.gooylinux.org>. My hope is that the developers will eventually accept it and widespread testing can occur. Eventually I'd like to create a network of testers that could be used by the developers to test major changes (e.g. GTK 2.4 or the new OpenSSL).

We already have a few dedicated testers, and I'd like to thank Lavapunk for his hard work. He's tested just about every package I've listed. He has also found many packaging errors, and is helping to prove how needed this system is.

That's all for this week. Stay tuned for more exciting Arch Linux development.