

## libretools - Housekeeping #2102

### librechroot should use the winston mirror exclusively

2018-11-28 02:38 PM - GNUtoo

<b>Status:</b>	open	<b>% Done:</b>	0%
<b>Priority:</b>	wish		
<b>Assignee:</b>	bill-auger		
<b>Category:</b>			
<b>Description</b>			
<pre>\$ sudo librechroot -n parabola-i686 update [...] # went fine \$ sudo librechroot -n parabola-i686 enter # pacman -Sy :: Synchronizing package databases... repo is up to date libre is up to date core is up to date extra is up to date community is up to date pcr is up to date # pacman -S git resolving dependencies... looking for conflicting packages...  Packages (4) perl-error-0.17027-1.0 perl-mailtools-2.20-2.1 perl-timedate-2.30-5.1 git-2.19.1-1.1  Total Download Size:    5.29 MiB Total Installed Size:  39.93 MiB  :: Proceed with installation? [Y/n] :: Retrieving packages... error: failed retrieving file 'perl-error-0.17027-1.0-any.pkg.tar.xz' from redirector.parabola.nu : The requested URL returned error: 404 warning: failed to retrieve some files error: failed retrieving file 'perl-timedate-2.30-5.1-any.pkg.tar.xz' from redirector.parabola.nu : The requested URL returned error: 404 warning: failed to retrieve some files error: failed retrieving file 'perl-mailtools-2.20-2.1-any.pkg.tar.xz' from redirector.parabola.nu : The requested URL returned error: 404 warning: failed to retrieve some files error: failed retrieving file 'git-2.19.1-1.1-i686.pkg.tar.xz' from redirector.parabola.nu : The r equested URL returned error: 404 warning: failed to retrieve some files error: failed to commit transaction (unexpected error) Errors occurred, no packages were upgraded. [root@parabola /]# pacman -S perl-error resolving dependencies... looking for conflicting packages...  Packages (1) perl-error-0.17027-1.0  Total Download Size:    0.02 MiB Total Installed Size:  0.10 MiB  :: Proceed with installation? [Y/n] :: Retrieving packages... error: failed retrieving file 'perl-error-0.17027-1.0-any.pkg.tar.xz' from redirector.parabola.nu : The requested URL returned error: 404 warning: failed to retrieve some files error: failed to commit transaction (unexpected error) Errors occurred, no packages were upgraded.</pre>			

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## History

### #1 - 2018-11-29 01:49 AM - freemor

just tested in my fully -Suy'd i686 librechroot  
worked fine  
so I guess the question becomes what is the difference between the two

### #2 - 2018-11-30 03:57 AM - ovruni

- Status changed from open to not-a-bug

Please, check your mirrorlist file

### #3 - 2018-12-11 12:06 AM - GNUtoo

- Status changed from not-a-bug to open

It only contains the following (it's a chroot made with librechroot):

```
Server = https://redirector.parabola.nu/$repo/os/$arch
```

### #4 - 2018-12-12 03:48 AM - bill-auger

i can confirm that inside the chroot, the packages are not available (same result with `librechroot -n i686 install-name git`) - however, on an installed i686 system it succeeds, but gives a different error:

```
# pacman -S git
resolving dependencies...
looking for conflicting packages...

Packages (5) pcre2-10.32-1.0 perl-error-0.17027-1.0 perl-mailtools-2.20-2.1 perl-timedate-2.30-5.1 git-2.1
9.2-1.0

Total Download Size:    5.16 MiB
Total Installed Size:  43.62 MiB
....
:: Running post-transaction hooks...
(1/2) Warn about old perl modules
WARNING: '/usr/lib/perl5/5.28' contains data from at least 3 packages which will NOT be used by the installed
perl interpreter.
-> Run the following command to get a list of affected packages: pacman -Qqo '/usr/lib/perl5/5.28'
(2/2) Creating system user accounts...
call to execv failed (No such file or directory)
error: command failed to execute correctly
$ pacman -Ss '^git$'
extra/git 2.19.2-1 [installed]
  the fast distributed version control system
```

### #5 - 2018-12-12 12:28 PM - freemor

Git continues to be available and installable in my i686 chroot?

```
[root@freemor /]# pacman -S git
resolving dependencies...
looking for conflicting packages...

Packages (4) perl-error-0.17027-1.0 perl-mailtools-2.20-2.1 perl-timedate-2.30-5.1 git-2.19.2-1.0

Total Download Size:    0.12 MiB
Total Installed Size:  39.96 MiB

:: Proceed with installation? [Y/n] y
:: Retrieving packages...
 perl-error-0.17027-1.0-any                               22.2 Ki
B  125K/s 00:00 [#####] 100%
 perl-timedate-2.30-5.1-any                               34.1 Ki
B  0.00B/s 00:00 [#####] 100%
 perl-mailtools-2.20-2.1-any                              62.5 Ki
B  20.4M/s 00:00 [#####] 100%
(4/4) checking keys in keyring
 [#####] 100%
```

```

(4/4) checking package integrity
      [#####] 100%
(4/4) loading package files
      [#####] 100%
(4/4) checking for file conflicts
      [#####] 100%
(4/4) checking available disk space
      [#####] 100%
:: Processing package changes...
(1/4) installing perl-error
      [#####] 100%
(2/4) installing perl-timedate
      [#####] 100%
(3/4) installing perl-mailtools
      [#####] 100%
(4/4) installing git
      [#####] 100%
Optional dependencies for git
tk: gitk and git gui
perl-libwww: git svn
perl-term-readkey: git svn and interactive.singlekey setting
perl-mime-tools: git send-email
perl-net-smtp-ssl: git send-email TLS support
perl-authen-sasl: git send-email TLS support
perl-mediawiki-api: git mediawiki support
perl-datetime-format-iso8601: git mediawiki support
perl-lwp-protocol-https: git mediawiki https support
perl-cgi: gitweb (web interface) support
python2: various helper scripts
subversion: git svn
gnome-keyring: GNOME keyring credential helper
libsecret: libsecret credential helper [installed]
:: Running post-transaction hooks...
(1/4) Warn about old perl modules
(2/4) Reloading system manager configuration...
      Skipped: Current root is not booted.
(3/4) Creating system user accounts...
(4/4) Arming ConditionNeedsUpdate...

```

#### #6 - 2018-12-12 12:31 PM - freemor

may be a redirector problem  
the mirrr list in my i686 chrrot is different from @GNUtoo's

```

[root@freemor /]# cat /etc/pacman.d/mirrorlist
Server = https://repo.parabola.nu/$repo/os/$arch

```

#### #7 - 2018-12-13 06:05 AM - bill-auger

i concur: the problem must be with the redirector - i just made a fresh i686 librechroot yesterday and it matches GNUtoo's

```

[root@bill /]# cat /etc/pacman.d/mirrorlist
Server = https://redirector.parabola.nu/$repo/os/$arch

```

#### #8 - 2018-12-13 06:16 AM - bill-auger

FWIW, i think repo.parabola.nu is the appropriate "mirror", as it is the canonical replica that all other mirrors sync with - so maybe we should rename this ticket to something like: "librechroot should use the winston mirror" and move it to the libretools tracker

that o/c does not address the core issue which is: "why are some of the mirrors missing those packages for such an extended period"; which would be a different issue

i will add that, you can always specify a mirrorlist with the '-C' CLI option to `librechroot`, such as:

```
# librechroot -n i686 -C /path/to/custom-mirrorlist
```

#### #9 - 2018-12-13 05:33 PM - ovruni

- Project changed from Packages to libretools

#### #10 - 2018-12-16 06:08 AM - bill-auger

- Priority changed from bug to wish

- Subject changed from i686: cannot install git due to 404 when retriving git and some of its perl dependencies (perl-error, perl-timedate, perl-mailtools) to librechroot should use the winston mirror exclusively

- Tracker changed from Bug to Housekeeping

**#11 - 2019-09-07 05:51 PM - bill-auger**

- Assignee set to bill-auger

i pushed a change to libretools.git that (i think) will accomplish this - the package has not been built yet though

```
diff --git a/src/abslibre-tools/libredbdiff.conf b/src/abslibre-tools/libredbdiff.conf
index d92a832..23c8c2d 100644
--- a/src/abslibre-tools/libredbdiff.conf
+++ b/src/abslibre-tools/libredbdiff.conf
@@ -3,7 +3,7 @@

 statedir='/var/lib/libredbdiff'

-mirror_prbl='https://repomirror.parabola.nu/$repo/os/$arch'
+mirror_prbl='https://repo.parabola.nu/$repo/os/$arch'
 mirror_arch='https://mirrors.kernel.org/archlinux/$repo/os/$arch'

 repos=(libre{,-multilib} pcr{,-multilib} nonprism{,-multilib})
```