

## libretools - Bug #519

### [libremakepkg] -w \$DIR:/build doesn't work as expected

2014-04-29 08:02 PM - alfplayer

<b>Status:</b>	not-a-bug	<b>% Done:</b>	0%
<b>Priority:</b>	bug		
<b>Assignee:</b>	lukeshu		
<b>Category:</b>			
<b>Description</b>			
To build faster on systems with enough RAM.			
These didn't work:			
<ul style="list-style-type: none"><li>• Set BUILDDIR in /var/lib/archbuild/default/\$USER/etc/makepkg.conf. libremakepkg removes the variable definition.</li><li>• libremakepkg -w /tmp/buildlibretools:/build</li><li>• Symlink inside the chroot: dev/shm -&gt; build</li></ul>			

### History

#### #1 - 2014-05-11 05:56 AM - lukeshu

- Subject changed from *Keep build directory in tmpfs* to *[libremakepkg] -w \$DIR:/build doesn't work as expected*

Hmm, the libremakepkg -w /tmp/buildlibretools:/build should have worked. I'll look into it

#### #2 - 2014-05-11 05:57 AM - lukeshu

- Assignee set to *lukeshu*

- Priority changed from *feature* to *bug*

#### #3 - 2014-05-12 02:22 AM - lukeshu

Was your issue with libremakepkg -w /tmp/buildlibretools:/build that it said:

```
| ==> ERROR: You do not have write permission to create packages in /build.  
| Aborting...
```

If so, the issue is that /build must be writable by 'nobody'. You could chown it to nobody, or chmod 777 it, or use ACLs, or whatever. But yeah, I think the issue is with how you set up the permissions on your build dir.

#### #4 - 2014-05-12 02:23 AM - lukeshu

- Status changed from *open* to *info needed*

#### #5 - 2014-05-12 12:34 PM - alfplayer

I was getting that permission error, and it works now after running this outside the chroot:

```
mkdir /tmp/buildlibretools  
chown nobody: /tmp/buildlibretools
```

I think adding an option to build in tmpfs is a good idea to avoid repeating these two commands after every power-off or reboot, when /tmp gets cleared (/tmp is tmpfs by default on Parabola). Also, the directory could be synced to a persistent directory after building so data is not lost.

If this feature is not added, a section "how to keep the build directory in RAM" can be added to the packaging guide wiki page.

#### #6 - 2014-06-30 04:52 PM - lukeshu

I think adding an option to build in tmpfs is a good idea to avoid repeating these two commands after every power-off or reboot

I recommend configuring them in /etc/tmpfiles.d (man tmpfiles.d).

/tmp is tmpfs by default on Parabola

Really? Back in my day, we had to configure /tmp manually :P

**#7 - 2014-06-30 05:57 PM - alfplayer**

lukeshu wrote:

I think adding an option to build in tmpfs is a good idea to avoid repeating these two commands after every power-off or reboot

I recommend configuring them in /etc/tmpfiles.d (man tmpfiles.d).

I see now it provides configurable cleanup time. I didn't know about it. Thanks.

**#8 - 2014-06-30 06:26 PM - lukeshu**

- *Status changed from info needed to not-a-bug*

Great! Glad I could help.