

## libretools - Bug #1201

### [librechroot] Sometimes creates btrfs subvolume at \$copydir/var/lib/machines

2017-01-29 03:34 AM - lukeshu

<b>Status:</b> fixed	<b>% Done:</b> 100%
<b>Priority:</b> bug	
<b>Assignee:</b> lukeshu	
<b>Category:</b>	
<b>Description</b>	
This inhibits the copy from being overwritten with a sync, or deleted.	
I'm not sure what's causing it; it has only happened with some of my copies.	

#### History

##### #1 - 2017-01-29 04:12 AM - lukeshu

Running `sudo librechroot -l some-copy-that-does-not-yet-exist run pacman -S some-package` causes the copy to be created, and has the machines subvolume inside of it.

##### #2 - 2017-01-29 04:19 AM - lukeshu

Actually, that doesn't happen with all packages being installed.

##### #3 - 2017-01-29 05:11 AM - lukeshu

Ahh, `/usr/share/libalpm/hooks/systemd-tmpfiles.hook` is evaluating `tmpfiles.d(5)` snippets, and the `v`, `q`, and `Q` directives create btrfs subvolumes.

Possible solutions:

- Preemptively create `$copydir/var/lib/machines` as an ordinary directory to inhibit it being created as a subvolume. This feels like playing wack-a-mole with the `tmpfiles` that packages ship.
- Move the root of the chroot to a subdirectory of the subvolume, this would cause `tmpfiles` to fall back to ordinary directory creation.
- Change `makechrootpkg.sh` deletion logic to recursively delete subvolumes.

##### #4 - 2017-01-30 04:54 AM - lukeshu

- % Done changed from 0 to 90

Fixed on master; it now deletes subvolumes recursively. Leaving open because it's not fixed until there are tests.

##### #5 - 2017-02-14 09:05 PM - lukeshu

- % Done changed from 90 to 100

- Assignee set to lukeshu

- Status changed from open to fixed

fixed in 3b76f7dbfcec18ad22663663acf0355a61f4eb60