

## OsmoTRX - Bug #3061

### OsmoTRX ARM chroot build jobs failing due to proot bug

03/13/2018 11:50 AM - pespin

<b>Status:</b> New	<b>Start date:</b> 03/13/2018
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b> pespin	<b>% Done:</b> 0%
<b>Category:</b>	
<b>Target version:</b>	
<b>Spec Reference:</b>	
<b>Description</b>	
<p>Since we moved to new jenkins nodes, proot doesn't seem to be working properly, and it fails always with "terminated with signal 31". It doesn't seem to be related to the ARM rootfs, as the issue still appears when using proot without it.</p> <p>There's a bug open upstream to track the issue. I updated it: <a href="https://github.com/proot-me/PRoot/issues/134">https://github.com/proot-me/PRoot/issues/134</a></p> <p>Meanwhile, let's disable the ARM related axis to avoid failure on all jobs:</p> <pre>--with-neon --with-neon-vfpv4</pre> <p>Since the change is temporary (hopefully), I'll just manually edit the job through jenkins web UI for now.</p>	
<b>Related issues:</b>	
Related to OsmoTRX - Bug #3766: Sporadic jenkins failure	<b>Closed</b> <b>01/24/2019</b>
Related to OsmoTRX - Feature #4301: set up raspi4 build slave for jenkins	<b>Resolved</b> <b>12/03/2019</b>

#### History

##### #1 - 01/24/2019 04:16 PM - msuraev

- Related to Bug #3766: Sporadic jenkins failure added

##### #2 - 12/01/2019 11:08 AM - laforge

is there anything else we can do to work around this? We could e.g. use a Raspi as a jenkins build slave and do the arm builds there? Would that help us?

##### #3 - 12/02/2019 09:31 AM - pespin

I can spend time again on it to see if it's fixed in a newer version of PRoot. Having an ARM buildhost may be an interesting idea, but I'm not sure how can we run jenkins job twice for x86 and arm (on a raspberrypi)

##### #4 - 12/02/2019 04:40 PM - laforge

On Mon, Dec 02, 2019 at 09:31:28AM +0000, pespin [REDMINE] wrote:

I can spend time again on it to see if it's fixed in a newer version of PRoot.

the bug ticket is still open, I doubt it makes sense.

Having an ARM buildhost may be an interesting idea

I'll buy a Raspi4, it is a quad-core 64bit ARM and contrary to many other boards can be obtained with 4GB of RAM, which should improve compilation speeds.

but I'm not sure how can we run jenkins job twice for x86 and arm (on a raspberrypi)

I doubt it would be different to jenkins than e.g. running a job on

debian8 and debian8, or for linux+freebsd as we did in the past?

**#5 - 12/02/2019 04:54 PM - pespín**

I'll buy a Raspi4, it is a quad-core 64bit ARM and contrary to many other boards can be obtained with 4GB of RAM, which should improve compilation speeds.

Fine with me.

I doubt it would be different to jenkins than e.g. running a job on debian8 and debian8, or for linux+freebsd as we did in the past?

I guess it's the same, but I don't know how it used to be set up... matrix job?

**#6 - 12/03/2019 04:44 PM - laforge**

*- Related to Feature #4301: set up raspi4 build slave for jenkins added*