

Cellular Network Infrastructure - Bug #3726

Jenkins: build all Osmocom projects in docker, not only some

12/12/2018 02:11 PM - osmith

Status: Resolved	Start date: 12/12/2018
Priority: Normal	Due date:
Assignee: osmith	% Done: 100%
Category:	
Target version:	
Spec Reference:	
Description laforge wrote in this thread : 1) build all projects, or at least all projects that have dependencies on other [osmocom] projects inside docker, not some on the build slave and some in a container	
Related issues:	
Related to Cellular Network Infrastructure - Bug #3725: Jenkins isn't using t...	Stalled 12/12/2018
Related to Cellular Network Infrastructure - Feature #3385: Move project spec...	Resolved 07/06/2018

History

#1 - 12/12/2018 02:12 PM - osmith

- Related to Bug #3725: Jenkins isn't using the credentials store for uploading to rita.osmocom.org added

#2 - 12/12/2018 02:12 PM - osmith

- Related to Feature #3385: Move project specific manuals from osmo-gsm-manuals to each respective git repository added

#3 - 12/13/2018 10:19 AM - osmith

[neels](#) also asked to make libosmocore building concurrent. This will be possible when it runs in Docker (VTY tests would conflict otherwise).

#4 - 01/29/2019 10:33 AM - msuraev

Related wiki page: https://osmocom.org/projects/osmocom-servers/wiki/Jenkins_build_verification_jobs#Docker-image

#5 - 09/19/2019 01:24 PM - osmith

- Status changed from New to In Progress

I just switched osmo-pcu to build in docker ([#4204](#)), so while I'm at it, I might as well do this for all Osmocom projects.

#6 - 09/20/2019 10:19 AM - osmith

- % Done changed from 0 to 40

Patches submitted: <https://gerrit.osmocom.org/q/topic:docker-all>

The first patch does some refactoring (stop duplicating the docker run arguments) and is ready to be reviewed and merged.

In order to make this work, we need to update the docker image that we use for the builds from jessie to stretch. Otherwise, at least libosmocore's tests won't build. Since jessie is EOL, this change will be necessary sooner or later anyway. So there is also a patch in the above gerrit topic, that upgrades the image.

I'm testing whether all projects are building with the new docker image. So far I've tried osmo-pcu, and there are address sanitizer errors when running the tests (we probably need to add an exception for some shared library?).

#7 - 09/23/2019 12:25 PM - osmith

- % Done changed from 40 to 70

#8 - 09/24/2019 06:16 AM - osmith

The first two patches (refactor to use docker_run and docker_img vars, and docker image upgrade from jessie to stretch) are ready to be merged, just one +1 is missing in the first patch.

#9 - 10/11/2019 08:28 AM - osmith

- % Done changed from 70 to 90

#10 - 10/18/2019 09:06 AM - osmith

- Status changed from *In Progress* to *Resolved*

- % Done changed from 90 to 100