

Cellular Network Infrastructure - Feature #1861

automatize the release process

11/28/2016 08:12 AM - laforge

Status: Resolved	Start date: 11/28/2016
Priority: Normal	Due date:
Assignee: pespin	% Done: 100%
Category:	
Target version:	
Spec Reference:	
Description This is an idea by max: have something like a "make release" that performs all required steps, like <ul style="list-style-type: none">• updating the version number in autoconf• tagging the release in the git repo• preparing a release change-log (for human filtering/editing)• signing the tag (git tag -s)• signign the release (pgp)• uploading it?• posting a news item on osmoocm.org?	
Related issues:	
Related to Cellular Network Infrastructure - Feature #2531: tweak TODO-RELEAS...	New 10/04/2017
Related to Cellular Network Infrastructure - Bug #2644: release scripts use "...	Resolved 11/15/2017
Related to Cellular Network Infrastructure - Bug #2643: release scripts shoul...	Closed 11/15/2017

History

#1 - 12/14/2016 11:56 AM - msuraev

- Status changed from New to Stalled

- % Done changed from 0 to 10

Gerrit [#1427](#) is an example of some manual steps necessary for release which have to be automated in future.

#2 - 12/14/2016 12:45 PM - msuraev

See also https://osmocom.org/projects/cellular-infrastructure/wiki/Make_a_new_release

#3 - 12/15/2016 03:14 PM - laforge

#4 - 07/05/2017 11:46 AM - msuraev

- Status changed from Stalled to In Progress

- % Done changed from 10 to 20

Gerrit 3130 with generic implementation has been sent for review. Usage examples were sent in 3131 (libosmo-abis) and 3143 (osmo-bts).

#5 - 07/21/2017 02:43 PM - msuraev

- Status changed from In Progress to Stalled

#6 - 08/14/2017 04:29 PM - msuraev

- Checklist item [] make sure all projects use semver added

Checklist item [] make test library release added

Checklist item [] make test non-library release added

- % Done changed from 20 to 30

All the patches were merged so far. Next - see checklist.

#7 - 08/24/2017 11:43 AM - msuraev

- Checklist item [] update wiki with new release procedure added

Test library release submitted as gerrit 3595, 3595; non-library release is submitted as 3598.
Minor fix for release helper sent as gerrit 3597.

#8 - 08/28/2017 08:11 AM - msuraev

- Checklist item [x] make test library release set to Done
Checklist item [x] make test non-library release set to Done

#9 - 08/28/2017 08:12 AM - msuraev

- % Done changed from 30 to 70

Test libosmo-abis 0.4.0 release and test osmo-bts 0.6.0 release were pushed.

#10 - 08/28/2017 09:28 AM - msuraev

- Checklist item [x] update wiki with new release procedure set to Done

#11 - 08/28/2017 09:29 AM - msuraev

- Checklist item [] make sure all projects use release helper added

#12 - 08/28/2017 10:33 AM - msuraev

Gerrit 3707-3710 and 3712-3719 were sent for review with the patches adding support for 'make release' command to all remaining projects.

#13 - 08/31/2017 09:43 AM - msuraev

- Checklist item [x] make sure all projects use semver set to Done

- % Done changed from 70 to 80

Everything except for 3710, 3713, 3716, 3717 was merged. Pending are osmo-* (after MSC-split) and osmo-trx.

#14 - 09/04/2017 04:20 PM - msuraev

- Checklist item [] improve robustness to handle mixed projects added
Checklist item [] make sure all libraries have LIBVERSION added
Checklist item [x] make sure all projects use release helper set to Done

All remaining patches which add support for release helper were merged. Gerrit 3817 was sent for review with minor improvements.

Based on the feedback in ML, remaining items are:

- improve robustness to handle repos which contain both some library and non-library code
- clarify wiki docs

#15 - 10/04/2017 01:26 PM - neels

- Related to Feature #2531: tweak TODO-RELEASE and LIBVERSION comments to match latest osmo-mgw edits added

#16 - 10/16/2017 12:32 PM - msuraev

- Checklist item [x] make sure all libraries have LIBVERSION set to Done

#17 - 01/07/2018 11:30 AM - msuraev

- Related to Bug #2644: release scripts use "gpb dch" for applications, but not for libraries added

#18 - 01/07/2018 11:31 AM - msuraev

- Related to Bug #2643: release scripts shouldn't tag/sign at the same time as "make release" added

#19 - 03/01/2018 11:14 PM - laforge

- Assignee changed from msuraev to sysmocom

#20 - 04/04/2018 08:41 AM - laforge

- Assignee changed from sysmocom to pespin

#21 - 05/04/2018 12:02 PM - pespin

- Checklist item [x] improve robustness to handle mixed projects set to Done

#22 - 05/04/2018 12:06 PM - pespin

- Status changed from Stalled to Resolved

- % Done changed from 80 to 100

After a full release round of all projects, I think the automatization is good enough for now. Small Specific stuff to be done is handled in less-generic tasks.

Wiki has been updated with all related interesting documentaiton. https://osmocom.org/projects/cellular-infrastructure/wiki/Make_a_new_release