

Cellular Network Infrastructure - Bug #3899

user manuals are not part of debian "-doc" packages

04/03/2019 07:26 AM - laforge

Status:	Resolved	Start date:	04/03/2019
Priority:	Normal	Due date:	
Assignee:	osmith	% Done:	100%
Category:			
Target version:			
Spec Reference:			
Description			
Now that the user manuals are built alongside the source code, it would be very useful if the user manuals + VTU reference manuals were also packaged in a "-doc" debian sub-package, i.e. that osmo-bts-doc would contain the osmo-bts usermanual + vty reference manual.			

History

#1 - 04/05/2019 11:20 AM - osmith

- Status changed from New to In Progress

#2 - 04/11/2019 09:30 AM - osmith

- Checklist item [] osmo-gsm-manuals: merge all patches added
Checklist item [] osmo-ci: merge "OBS: build osmo-gsm-manuals-dev in nightly" added
Checklist item [] OBS: verify that osmo-gsm-manuals-dev builds in nightly added
Checklist item [] osmo-bts: merge "debian: create -doc subpackage with pdf manuals" added
Checklist item [] OBS: verify that osmo-bts-doc builds in nightly added
Checklist item [] osmo-gsm-manuals: tag version added
Checklist item [] osmo-ci: create "OBS: build osmo-gsm-manuals-dev in latest" added
Checklist item [] osmo-ci: merge "OBS: build osmo-gsm-manuals-dev in latest" added
Checklist item [] OBS: verify that osmo-gsm-manuals-dev builds in latest added
Checklist item [] all osmo repos: create "debian: create -doc subpackage with pdf manuals" added
Checklist item [] all osmo repos: merge "debian: create -doc subpackage with pdf manuals" added
- % Done changed from 0 to 50

Patches created for:

- create osmo-gsm-manuals-dev debian package
- create osmo-bts-doc package (as example, other repos will follow)
- adjust osmo-ci to build osmo-gsm-manuals-dev

Local testing done:

- osmo-gsm-manuals-dev builds (dpkg-buildpackage -tc -uc -us and with pbuilder to make sure that dependencies are right)
- osmo-bts builds with the new osmo-gsm-manuals-dev package and installs the manuals to /usr/share/doc/osmocom/

[pespin](#), since you have been doing the packaging for the most part, can you review the patches?

<https://gerrit.osmocom.org/#/q/topic:debian-doc-subpkg>

(The patches depending on others are set to WIP. As usually, on what they depend is listed in the commit message.)

#3 - 04/15/2019 06:50 AM - osmith

- Checklist item [x] osmo-gsm-manuals: merge all patches set to Done
Checklist item [x] osmo-ci: merge "OBS: build osmo-gsm-manuals-dev in nightly" set to Done

#4 - 04/15/2019 07:44 AM - osmith

The OBS nightly job fails to build osmo-gsm-manuals-dev right now. It seems that a proper version is required, even for the nightly job:

https://jenkins.osmocom.org/jenkins/job/Osmocom_OBS_nightly/54/console

Therefore I have prepared a 0.1.0 release here:

<https://gerrit.osmocom.org/#/c/osmo-gsm-manuals/+/13635/>

#5 - 04/15/2019 08:52 AM - osmith

- Checklist item [x] osmo-gsm-manuals: tag version set to Done

#6 - 04/15/2019 09:37 AM - osmith

- % Done changed from 50 to 60

Release is tagged, the nightly jenkins job runs again. It uploads the source packages successfully. However, OBS only builds the Ubuntu 18.04 and 18.10 packages so far. Packages for other distros have dependency issues:

<https://build.opensuse.org/package/show/network:osmocom:nightly/osmo-gsm-manuals>

I'm looking into it.

#7 - 04/17/2019 10:37 AM - osmith

There were two dependency issues:

- "have choice for jadetex needed by docbook-utils: jadetex texlive-formats-extra"
 - Resolved by [adjusting the project config](#)
- asciidoc-dblatex does not exist in debian 8, but is necessary in debian 9
 - Will be resolved by these two patches:
 - <https://gerrit.osmocom.org/#/c/osmo-gsm-manuals/+13657/>
 - <https://gerrit.osmocom.org/#/c/osmo-ci/+13658/>

#8 - 05/08/2019 11:52 AM - laforge

just pushed those patches without waiting for +3 due to long delay without review :/

#9 - 05/20/2019 10:25 AM - osmith

- Checklist item [x] OBS: verify that osmo-gsm-manuals-dev builds in nightly set to Done
Checklist item [x] osmo-bts: merge "debian: create -doc subpackage with pdf manuals" set to Done

#10 - 05/20/2019 12:30 PM - osmith

For some reason, the osmo-gsm-manuals-dev deb is empty when built in OBS (although it has all data locally). Therefore osmo-bts failed to build with the osmo-gsm-manuals package from OBS. I've reverted the patch that makes use of osmo-gsm-manuals-dev in osmo-bts for now. Next up for me is looking into **why** that package is empty on OBS, creating a fix, and testing everything in my own OBS namespace before merging to master.

#11 - 05/23/2019 09:15 AM - osmith

- Checklist item deleted (OBS: verify that osmo-bts-doc builds in nightly)
Checklist item [] OBS (osmith42): get all packages for all distros and all arches building with the "osmith/pdfs-in-doc-subpackage" branch added
Checklist item [] Tag a release of osmo-gsm-manuals added
Checklist item [] all osmo repos: submit "debian: create -doc subpackage with pdf manuals" added
Checklist item [] OBS: verify that all packages are building after the merge added
Checklist item [x] all osmo repos: create "debian: create -doc subpackage with pdf manuals" set to Done
- % Done changed from 60 to 70

Time to write an update.

- Empty package issue was fixed here (merged): <https://gerrit.osmocom.org/#/c/osmo-gsm-manuals/+14114/>
- osmo-gsm-manuals needs more explicit dependencies to build on debian 8, fixed here (merged): <https://gerrit.osmocom.org/#/c/osmo-gsm-manuals/+14115/>
- Repositories in my home:osmith42 namespace updated to current osmocom:nightly (since new repositories have been added there)
- I went through all Osmocom repositories and added the manuals subpackage patch
- Now I'm waiting for OBS to build the packages: <https://build.opensuse.org/project/show/home:osmith42>

#12 - 05/29/2019 10:18 AM - osmith

- Checklist item [x] osmo-ci: create "OBS: build osmo-gsm-manuals-dev in latest" set to Done
Checklist item [x] OBS: verify that osmo-gsm-manuals-dev builds in latest set to Done
Checklist item [x] OBS (osmith42): get all packages for all distros and all arches building with the "osmith/pdfs-in-doc-subpackage" branch set to Done
Checklist item [x] Tag a release of osmo-gsm-manuals set to Done
Checklist item [x] all osmo repos: submit "debian: create -doc subpackage with pdf manuals" set to Done
- % Done changed from 70 to 90

Everything tested in my own OBS namespace:

- <https://build.opensuse.org/project/show/home:osmith42> (all packages built with osmocom-nightly-packages.sh)
- https://download.opensuse.org/repositories/home:/osmith42/Debian_9.0/all/ (resulting nightly -doc packages can be downloaded here)
- <https://build.opensuse.org/project/show/home:osmith42:latest> (osmo-gsm-manuals built with osmocom-latest.packages.sh)

Remaining patches submitted:

<https://gerrit.osmocom.org/#/q/topic:debian-doc-subpkg+status:open>

Almost done, waiting for patch review :)

#13 - 06/03/2019 06:52 AM - osmith

- Checklist item [x] osmo-ci: merge "OBS: build osmo-gsm-manuals-dev in latest" set to Done
- Checklist item [x] all osmo repos: merge "debian: create -doc subpackage with pdf manuals" set to Done
- Checklist item [x] OBS: verify that all packages are building after the merge set to Done
- Status changed from In Progress to Resolved
- % Done changed from 90 to 100