Debian build failure.

A clean build on Debian testing fails at the start (problem has been around for a few days):

dpkg-source --before-build qgis_src
fakeroot debian/rules clean
dh clean --with python2 --parallel --builddirectory=debian/build
dh: No compatibility level specified in debian/compat
dh: This package will soon FTBFS; time to fix it!
dh: Compatibility levels before 4 are no longer supported (level 1 requested)
debian/rules:214: recipe for target 'clean' failed
make: *** [clean] Error 2
dpkg-buildpackage: error: fakeroot debian/rules clean gave error exit status 2

Related issues:
Related to QGIS Application - Bug report # 14289: QGIS packaging problem (mas... Closed 2016-02-12

Associated revisions
Revision 41ac88ad - 2016-02-09 11:37 AM - Jürgen Fischer
debian packaging: fix templates (fixes #14248)

History
#1 - 2016-02-08 09:24 AM - Jürgen Fischer
- Resolution set to worksforme
- Status changed from Open to Closed

Refer to Building debian packages (ie. you need a changelog entry for stretch to get 9 into debian/compat from debian/compat.in)

#2 - 2016-02-09 02:23 AM - Andy Wood
- Status changed from Closed to Reopened

This does not seem to work as documented any more:

$ git clone git://github.com/qgis/Quantum-GIS.git qgis_src
Cloning into 'qgis_src'...
remote: Counting objects: 339925, done.
remote: Compressing objects: 100% (339925/339925), done.

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remote: Total 339925 (delta 83), reused 2 (delta 2), pack-reused 339749
Receiving objects: 100% (339925/339925), 1.15 GiB | 7.08 MiB/s, done.
Resolving deltas: 100% (267653/267653), done.
Checking connectivity... done.
Checking out files: 100% (13108/13108), done.
$ cd qgis_src
$ dch -l ~stretch --force-distribution --distribution stretch "stretch build"
dch warning: Recognised distributions are: unstable, testing, stable, oldstable, experimental, \{testing-,stable-,oldstable-\},proposed-updates, \{testing,stable,oldstable\}-security, wheezy-backports, jessie-backports and UNRELEASED.
Using your request anyway.
$ dpkg-buildpackage -us -uc -b
dpkg-buildpackage: source package qgis
dpkg-buildpackage: source version 2.13.0~stretch1
dpkg-buildpackage: source distribution stretch
dpkg-buildpackage: source changed by Andy Wood <###>
dpkg-buildpackage: host architecture amd64
dpkg-source --before-build qgis_src
fakeroot debian/rules clean
dh clean --with python2 --parallel --builddirectory=debian/build
dh: No compatibility level specified in debian/compat
dh: This package will soon FTBFS; time to fix it!
dh: Compatibility levels before 4 are no longer supported (level 1 requested)
debian/rules:214: recipe for target 'clean' failed
make: *** [clean] Error 2
dpkg-buildpackage: error: fakeroot debian/rules clean gave error exit status 2

If you ‘rm debian/compat’ and then dch and dpkg-buildpackage, does it still work for you?

#3 - 2016-02-09 02:38 AM - Jürgen Fischer
- Status changed from Reopened to Closed

Fixed in changeset commit:"41ac88ad3e1d21f759bd4b36268273f58af48bf5".

#4 - 2016-02-09 03:54 AM - Andy Wood
- Status changed from Closed to Reopened

Thank you for the update, however I fear it has introduced another problem:

dpkg-source: error: syntax error in qgis_src/debian/control at line 76: duplicate field Conflicts found
dpkg-buildpackage: error: dpkg-source --before-build qgis_src gave error exit status 25

Package: qgis
[...]
Conflicts: uim-qt3
[...]
Conflicts: uim-qt3, qgis-plugin-grass (<< 1:2.13.0+git20160204)
Seems to be fixed now.