

QGIS Application - Bug report #17039

qgis: FTBFS with sip 4.19.3: conflicting declaration 'PyObject* sipExportedExceptions__core [3]'

2017-08-19 09:35 PM - Bas Couwenberg

Status: Closed	
Priority: Normal	
Assignee:	
Category: Build/Install	
Affected QGIS version: 2.14.17	Regression?: Yes
Operating System:	Easy fix?: No
Pull Request or Patch supplied: Yes	Resolution: fixed/implemented
Crashes QGIS or corrupts data: No	Copied to github as #: 24938

Description

As reported by Dmitry Shachnev in [Debian Bug #872640](#):

qgis fails to build with sip 4.19.3 and python-qt4 4.12.1, both of which are available in experimental:

```
/build/qgis-2.14.17+dfsg/debian/build/python/core/sip_corepart0.cpp:15288:40:
```

```
error: conflicting declaration 'PyObject* sipExportedExceptions__core [3]'
```

```
/build/qgis-2.14.17+dfsg/python/core/qgscoordinatetransform.sip:18:18:
```

```
note: previous declaration as 'PyObject* sipExportedExceptions__core [2]'
```

```
extern PyObject *sipExportedExceptions__core[2]; // workaround: sipExportedExceptions__core is only defined in the  
first sip part
```

```
^~~~~~
```

The reason is that since sip 4.19.3, the sipExportedExceptions arrays always have a NULL pointer as a trailing member, so size of this particular array is 2 with sip 4.19.2 and 3 with sip 4.19.3.

<https://riverbankcomputing.com/hg/sip/rev/974a4d77314b#1.14>

I am attaching a patch to remove this workaround line completely. It fixes build with sip 4.19.3 for me and does not affect build with sip 4.18.1. (I do not know why upstream needed this workaround.)

Unfortunately qscintilla2 built against this sip version is not available in experimental, so you will need a self-built qscintilla2 to reproduce this (remove debian/.symbols as a workaround for bug #853628 to make the build succeed).*

Associated revisions

Revision 7e4345a9 - 2017-08-20 10:55 AM - Jürgen Fischer

remove sip workaround (fixes #17038, refs #16071)

Revision 91171370 - 2017-08-20 10:56 AM - Jürgen Fischer

remove sip workaround (fixes #17038, refs #16071)

History

#1 - 2017-08-20 11:01 AM - Jürgen Fischer

- Status changed from Open to Closed

#2 - 2017-08-20 11:01 AM - Jürgen Fischer

- Resolution set to fixed/implemented

#3 - 2017-08-22 02:40 PM - Jürgen Fischer

- Description updated

Files

remove-sip-workaround.patch	345 Bytes	2017-08-19	Bas Couwenberg
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