

QGIS Application - Bug report #6940
Crash using Python console and latest QScintilla 2.7

2013-01-03 10:08 AM - Larry Shaffer

Status:	Closed	
Priority:	Severe/Regression	
Assignee:	Salvatore Larosa	
Category:	Python plugins	
Affected QGIS version:	master	Regression?: No
Operating System:	Mac OS	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	Yes	Copied to github as #: 16053
Description		
<p>Hi,</p> <p>When using the latest QScintilla version 2.7 (libqscintilla2.9.0.0), I get a crash with the console when an error is about to be shown.</p> <p>This is on Mac, with latest master. Reproduce crash with:</p> <pre>import <some non-existent module></pre> <p>Mac crash report attached. Looks like something is funky between QGIS issuing the error and QScintilla formatting it for output.</p>		

Associated revisions

Revision 866bc22a - 2013-01-04 05:28 PM - Larry Shaffer

Fix #6940, error traceback output to console crashes under QScintilla 2.7

History

#1 - 2013-01-03 02:18 PM - Giovanni Manghi
- Priority changed from Normal to Severe/Regression

tagging as blocker as we don't want to ship new features, but not working as expected.

#2 - 2013-01-03 03:38 PM - Larry Shaffer

Hi Giovanni,

Certainly a blocker for me, but I won't be testing on other Macs, since it is a bit of a hassle to recompile the whole PyQt4/QScintilla setup just to verify it doesn't work, only to have to undo it to get back to a working state (don't have the time right now).

So, I would definitely appreciate verification of this bug on another platform, or another Mac.

#3 - 2013-01-03 03:40 PM - Giovanni Manghi

Hi Larry,

| So, I would definitely appreciate verification of this bug on another platform, or another Mac.

I will certainly give it a go, at least under Linux.

#4 - 2013-01-03 04:53 PM - Larry Shaffer

- File console_output_qsci2.7_patch.diff added
- Pull Request or Patch supplied changed from No to Yes
- Status changed from Open to Feedback

Ok, I fixed the crashing, but would like to know if the patch will work for older QScintilla setups as well. (see attached patch)

I'll test it tonight on a different Mac with QScintilla 2.6 (libqscintilla2.8).

If you run into the crash, or have the time on a pre-QScintilla 2.7 install (even though console is currently working there), please test the patch. It would be good if the patch worked for all QScintilla 'recent' (2.4.5-thru-2.7) installs without having to code for different versions.

#5 - 2013-01-04 01:51 AM - Salvatore Larosa

Crash confirmed and the patch fixes the issue !
Tested on Linux (2.6, 2.7) and Win (2.6).

Thanks for the fix !
Please, could you apply the patch to master branch as below ?

```
if self.style == "traceback":
    # Show errors in red
    pos = self.outputArea.SendScintilla(QsciScintilla.SCI_GETCURRENTPOS)
    self.outputArea.SendScintilla(QsciScintilla.SCI_STARTSTYLING, pos, 31)
    self.outputArea.append(m)
    self.outputArea.SendScintilla(QsciScintilla.SCI_SETSTYLING, len(m), 1)
```

#6 - 2013-01-04 08:29 AM - Larry Shaffer

- Status changed from Feedback to Closed

Fixed in changeset commit:"866bc22a34f197dfb341de0b46a088bfdea868de".

Files			
console_qsci-2.7_crash.txt	7.04 KB	2013-01-03	Larry Shaffer
console_output_qsci2.7_patch.diff	740 Bytes	2013-01-03	Larry Shaffer