

QGIS Application - Bug report #16710

sipify.pl drops all but first word from comments

2017-06-13 03:53 PM - Sandro Santilli

Status:	Closed	
Priority:	High	
Assignee:	Denis Rouzaud	
Category:	Python bindings / sipify	
Affected QGIS version:	master	Regression?: No
Operating System:	unspecified	Easy fix?: No
Pull Request or Patch supplied:		Resolution: wontfix
Crashes QGIS or corrupts data:		Copied to github as #: 24609
Description		
<p>This diff was introduced by `git commit` (which in turn calls sipify_all.sh:</p> <pre>--- a/python/core/geometry/qgsabstractgeometry.sip +++ b/python/core/geometry/qgsabstractgeometry.sip @@ -59,7 +59,7 @@ class QgsAbstractGeometry enum SegmentationToleranceType { - // Maximum external angle between segments, in radians + // Maximum MaximumAngle, MaximumDifference };</pre> <p>Basically I cannot write more than a single word in there, it gets truncated to one word on first git commit</p>		

History

#1 - 2017-06-13 03:56 PM - Sandro Santilli

- Subject changed from sipify_all.sh drops all but first word from comments to sipify.pl drops all but first word from comments

#2 - 2017-06-13 03:57 PM - Sandro Santilli

- Assignee changed from Jürgen Fischer to Denis Rouzaud

It is sipify.pl doing the mungling, could be this block:

```
# save comments and do not print them, except in SIP_RUN
if ( $SIP_RUN == 0 ){
    if ( $LINE =~ m/^\s*VV/ ){
        if ( $LINE =~ m/^\s*VV!\s*(.*)\n?$/ ){
            $COMMENT = processDoxygenLine( $1 );
            $COMMENT =~ s/\n+$/;
        }
        elsif ( $INPUT_LINES[$LINE_IDX-1] !~ m/^\s*V.*$/ ) {
```

```

        $COMMENT = "";
    }
    next;
}
}

```

#3 - 2017-06-13 04:02 PM - Sandro Santilli

The problem affected <https://github.com/qgis/QGIS/pull/4728>

#4 - 2017-06-14 01:26 AM - Niall Dawson

I suspect it's because your doxygen tags are malformed. They should be:

```

enum SegmentationToleranceType {
    MaximumAngle, //!< Maximum external angle between segments, in radians
    MaximumDifference
};

```

Note the important inclusion of the <, which is used whenever the doxygen comment comes AFTER the member (as is the case with enum values)

#5 - 2017-06-14 01:26 AM - Niall Dawson

- Status changed from Open to Feedback

#6 - 2017-06-15 01:10 PM - Sandro Santilli

- Status changed from Feedback to Open

Niall moving the comment from above the enum value to its right side with '//!<' prefix makes it completely disappear from the .sip file.

#7 - 2017-06-15 01:14 PM - Niall Dawson

That's by design - sip doesn't support documentation for enumeration values.

#8 - 2017-06-15 01:38 PM - Denis Rouzaud

- Status changed from Open to Closed

- Category changed from Build/Install to Python bindings / sipify

indeed sip does not support docstrings for bindings and the policy is just to remove them from source.

#9 - 2017-06-17 11:50 AM - Sandro Santilli

- Status changed from Closed to Reopened

If the policy is to remove them from output it is not working, as the very first word after the comment is being retained.

#10 - 2017-06-19 05:44 PM - Sandro Santilli

So Nyall and Denis: do you think <https://github.com/qgis/QGIS/pull/4728> should be merged with the sip-generated broken comment in here: <https://github.com/qgis/QGIS/pull/4728/files#diff-c57e05913a8dc3395f4b0f7d7f926293L61> ?

Those comments in .sip file basically become:

```
enum SegmentationToleranceType
{
    // Maximum
    // to
    MaximumAngle,
    // Maximum
    // curve
    MaximumDifference
};
```

#11 - 2017-09-28 09:41 AM - Denis Rouzaud

- Status changed from Reopened to Closed

#12 - 2017-09-28 10:18 AM - Sandro Santilli

- Status changed from Closed to Reopened

Why closed ? Was it fixed ? If so by which commit ?

#13 - 2017-09-28 10:26 AM - Denis Rouzaud

No issue here to me. The enum docs are not exported to sip files as they are not used.
As Nyall suggested you can use `///
which makes it a little nicer.`

#14 - 2017-09-28 10:38 AM - Giovanni Manghi

Denis Rouzaud wrote:

```
| No issue here to me. The enum docs are not exported to sip files as they are not used.
| As Nyall suggested you can use ///  
| which makes it a little nicer.
```

so "won't fix"?

#15 - 2017-09-28 10:46 AM - Denis Rouzaud

- Resolution set to wontfix
- Status changed from Reopened to Closed

