

## QGIS Application - Bug report #9319

### copy of QgsExpression causes segfault

2014-01-10 09:41 AM - Vincent Mora

<b>Status:</b>	Closed	
<b>Priority:</b>	High	
<b>Assignee:</b>	Vincent Mora	
<b>Category:</b>	Expressions	
<b>Affected QGIS version:</b>	master	<b>Regression?:</b> No
<b>Operating System:</b>		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	Yes	<b>Resolution:</b> fixed/implemented
<b>Crashes QGIS or corrupts data:</b>	Yes	<b>Copied to github as #:</b> 17926
<b>Description</b>		
<p>The default copy and assignment operator of QgsExpression causes segfault (multiple delete) if used.</p> <p>Since the copy and assignment operator are not used anywhere I just made the class non-copyable (so the future developers won't get caught like I was)</p> <p>The pull request is there: <a href="https://github.com/qgis/QGIS/pull/1075">https://github.com/qgis/QGIS/pull/1075</a></p>		

#### Associated revisions

Revision 37ba8e41 - 2014-10-22 06:03 PM - Martin Dobias

Fix #9319 (copy of QgsExpression crashes)

Disabled the copy constructor for now (later we may introduce implicit sharing)

#### History

#1 - 2014-02-07 05:54 AM - Giovanni Manghi

- Priority changed from Normal to High

#2 - 2014-02-08 04:07 AM - Jürgen Fischer

- Status changed from Open to Closed

pull request merged in commit:3568fe761

#3 - 2014-07-24 01:21 AM - Matthias Kuhn

- Status changed from Closed to Reopened

I can still copy and I get the same crash.

```
QgsExpression* exp = new QgsExpression( "1" );
QgsExpression* exp2 = new QgsExpression( exp );
```

```
delete ( exp );
delete ( exp2 );
```

Proposal: make this class [implicitly shared](#).

**#4 - 2014-10-22 09:04 AM - Martin Dobias**

- *Status changed from Reopened to Closed*

Fixed in changeset commit:"37ba8e41871eb12d0b76c889246570656b222623".