

QGIS Application - Bug report #3917

QgsGeometryVertexIndex::operator= must return a value

2006-03-24 01:51 PM - Mateusz Loskot -

Status:	Closed	
Priority:	Low	
Assignee:	Gary Sherman	
Category:	Vectors	
Affected QGIS version:		Regression?: No
Operating System:	All	Easy fix?: No
Pull Request or Patch supplied:		Resolution: fixed
Crashes QGIS or corrupts data:		Copied to github as #: 13941

Description

Small bug in file **qgsgeometryvertexindex.cpp** (revision 4502), lines 31-34: **QgsGeometryVertexIndex::operator=** must return a value.

Current incomplete version:

```
[[QgsGeometryVertexIndex]]&
[[QgsGeometryVertexIndex]]::operator=(QgsGeometryVertexIndex const& rhs)
{
    mIndex = rhs.mIndex;
}
```

Possible min. required fix:

```
[[QgsGeometryVertexIndex]]&
[[QgsGeometryVertexIndex]]::operator=(QgsGeometryVertexIndex const& rhs)
{
    mIndex = rhs.mIndex;
    return *this
}
```

But I'm not sure what copy semantic is expected here.

What about self-copying?

Usually, self-copying is forbidden, then

```
[[QgsGeometryVertexIndex]]&
[[QgsGeometryVertexIndex]]::operator=(QgsGeometryVertexIndex
const& rhs)
{
    if (&rhs != this)
    {
        mIndex = rhs.mIndex;
    }
    return *this
}
```

History

#1 - 2006-03-25 05:02 PM - Gary Sherman

- *Resolution set to fixed*
- *Status changed from Open to Closed*

#2 - 2009-08-22 12:46 AM - Anonymous

Milestone Version 0.8 deleted