

QGIS Application - Bug report #21858

QGIS crashes with PostgreSQL views

2019-04-16 10:24 AM - Pietro Rossin

Status:	Feedback	
Priority:	High	
Assignee:	Alessandro Pasotti	
Category:	Data Provider/PostGIS	
Affected QGIS version:	3.6.1	Regression?: Yes
Operating System:	Ubuntu 16.04 LTS	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	Yes	Copied to github as #: 29673
Description		
Qgis 3.4.6 doesn't load a postgis view without an id and a geometry field (attributes only). DbManager says that the layer is invalid and cannot be loaded. 3.6.1-Noosa load the same view but crashes if I open the attribute table (crash report below). The problem is solved if I add a counter column with <pre>SELECT row_number() OVER () AS id, from my_table</pre> Pietro Crash ID: 90077a9c9e70291cbc7f1009d8c0fddfd432457a Stack Trace <pre>QMutex::lock : sourceSelectProviders : QgsEnumerationWidgetFactory::fieldScore : QgsEditorWidgetAutoConf::QgsEditorWidgetAutoConf : QgsEditorWidgetAutoConf::editorWidgetSetup : QgsEditorWidgetRegistry::findBest : QgsAttributeTableModel::loadAttributes : QgsAttributeTableModel::QgsAttributeTableModel : QgsDualView::initModels : QgsDualView::init : QgsAttributeTableDialog::QgsAttributeTableDialog : QgisApp::attributeTable : QMetaObject::activate : QAction::activate : QMenu::actionGeometry : QMenu::actionGeometry : QMenu::mouseReleaseEvent : QWidget::event : QMenu::event : QApplicationPrivate::notify_helper : QApplication::notify : QgsApplication::notify :</pre>		

QCoreApplication::notifyInternal2 :
QApplicationPrivate::sendMouseEvent :
QSizePolicy::QSizePolicy :
QSizePolicy::QSizePolicy :
QApplicationPrivate::notify_helper :
QApplication::notify :
QgsApplication::notify :
QCoreApplication::notifyInternal2 :
QGuiApplicationPrivate::processMouseEvent :
QWindowSystemInterface::sendWindowSystemEvents :
QEventDispatcherWin32::processEvents :
CallWindowProcW :
DispatchMessageW :
QEventDispatcherWin32::processEvents :
qt_plugin_query_metadata :
QEventLoop::exec :
QMenu::exec :
QgsLayerTreeView::contextMenuEvent :
QWidget::event :
QFrame::event :
QAbstractItemView::viewportEvent :
QCoreApplicationPrivate::sendThroughObjectEventFilters :
QApplicationPrivate::notify_helper :
QApplication::notify :
QgsApplication::notify :
QCoreApplication::notifyInternal2 :
QSizePolicy::QSizePolicy :
QSizePolicy::QSizePolicy :
QApplicationPrivate::notify_helper :
QApplication::notify :
QgsApplication::notify :
QCoreApplication::notifyInternal2 :
QGuiApplicationPrivate::processMouseEvent :
QWindowSystemInterface::sendWindowSystemEvents :
QEventDispatcherWin32::processEvents :
CallWindowProcW :
DispatchMessageW :
QEventDispatcherWin32::processEvents :
qt_plugin_query_metadata :
QEventLoop::exec :
QCoreApplication::exec :
main :
BaseThreadInitThunk :
RtlUserThreadStart :

QGIS Info

QGIS Version: 3.6.1-Noosa
QGIS code revision: 2468226bc9
Compiled against Qt: 5.11.2
Running against Qt: 5.11.2
Compiled against GDAL: 2.4.1
Running against GDAL: 2.4.1

System Info

CPU Type: x86_64

Kernel Type: winnt

Kernel Version: 10.0.17134

History

#1 - 2019-04-16 11:04 PM - Giovanni Manghi

- Operating System deleted (Windows 10 pro x64)
- Status changed from Open to Feedback
- Subject changed from 3.6.1-Noosa and qgis 3.4.6 problems with Postgis view without id and geom field to QGIS crashes with PostgreSQL view
- Regression? changed from No to Yes
- Priority changed from Normal to High

Pietro Rossin wrote:

Qgis 3.4.6 doesn't load a postgis view without an id and a geometry field (attributes only). DbManager says that the layer is invalid and cannot be loaded.

3.6.1-Noosa load the same view but crashes if I open the attribute table (crash report below).

The problem is solved if I add a counter column with

```
SELECT row_number() OVER () AS id,
```

```
....
```

```
...
```

```
from my_table
```

as far as I remember it was never possible to add a view without adding a column like you say

```
SELECT row_number() OVER () AS id
```

I confirm the crash on 3.6.1 also on Linux.

When adding such views in the layers panel the table gets the warning icon "unavailable layer".

In my case QGIS 3.6.1 crashes while try opening the table or properties of such table, but if the view contains also a geom column then QGIS crashes when trying to add the layer to the project.

#2 - 2019-04-16 11:05 PM - Giovanni Manghi

- Subject changed from QGIS crashes with PostgreSQL view to QGIS crashes with PostgreSQL views

#3 - 2019-05-23 01:55 PM - Alessandro Pasotti

- Assignee set to Alessandro Pasotti