

## QGIS Application - Bug report #21815

### Editing a GeoPackage feature with spaces in the field names can crash QGIS

2019-04-09 06:46 PM - Matt Yoder

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |            |                                     |
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| <b>Status:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Open       |                                     |
| <b>Priority:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | High       |                                     |
| <b>Assignee:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                                     |
| <b>Category:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Digitising |                                     |
| <b>Affected QGIS version:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3.6.1      | <b>Regression?:</b> No              |
| <b>Operating System:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Windows    | <b>Easy fix?:</b> No                |
| <b>Pull Request or Patch applied:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | No         | <b>Resolution:</b>                  |
| <b>Crashes QGIS or corrupts data:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Yes        | <b>Copied to github as #:</b> 29630 |
| <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                                     |
| Steps to reproduce:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                                     |
| <ol style="list-style-type: none"><li>1. Add the attached GeoPackage layer to the map.</li><li>2. Toggle editing.</li><li>3. Use the Vertex Tool to move a point.</li></ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |                                     |
| Renaming the source fields to remove spaces from the field names before editing seems to prevent the crash.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |                                     |
| Crash output:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |                                     |
| Crash ID: 1bd9d85e72ea45ae97a3eff7dea07ce46a32dcc6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                                     |
| Stack Trace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |                                     |
| Index::~Index :<br>qsort :<br>Index::~Index :<br>Index::~Index :<br>Index::~Index :<br>Index::~Index :<br>Index::~Index :<br>Index::~Index :<br>Index::~Index :<br>Index::~Index :<br>Index::~Index :<br>QgsPointLocator::onFeatureDeleted :<br>QgsPointLocator::onGeometryChanged :<br>QMetaObject::activate :<br>QgsVectorLayer::geometryChanged :<br>QMetaObject::activate :<br>QgsVectorLayerEditBuffer::geometryChanged :<br>QUndoStack::push :<br>QgsVectorLayerEditBuffer::changeGeometry :<br>QgsVectorLayer::changeGeometry :<br>QgsVertexTool::applyEditsToLayers :<br>QgsVertexTool::moveVertex :<br>QgsVertexTool::cadCanvasReleaseEvent :<br>QgsMapToolAdvancedDigitizing::canvasReleaseEvent :<br>QgsMapCanvas::mouseReleaseEvent : |            |                                     |

QWidget::event :  
QFrame::event :  
QGraphicsView::viewportEvent :  
QCoreApplicationPrivate::sendThroughObjectEventFilters :  
QApplicationPrivate::notify\_helper :  
QApplication::notify :  
QgsApplication::notify :  
QCoreApplication::notifyInternal2 :  
QApplicationPrivate::sendMouseEvent :  
QSizePolicy::QSizePolicy :  
QSizePolicy::QSizePolicy :  
QApplicationPrivate::notify\_helper :  
QApplication::notify :  
QgsApplication::notify :  
QCoreApplication::notifyInternal2 :  
QGuiApplicationPrivate::processMouseEvent :  
QWindowSystemInterface::sendWindowSystemEvents :  
QEventDispatcherWin32::processEvents :  
TranslateMessageEx :  
TranslateMessage :  
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: 6.1.7601

## History

**#1 - 2019-04-09 07:04 PM - Brett Carlock**

Can confirm here with the supplied data.

**#2 - 2019-04-10 05:23 PM - Giovanni Manghi**

- Priority changed from Normal to High
- Status changed from Open to Feedback
- Category changed from Editing to Digitising

No crash here on 3.6.1 on linux.

Please also try a new/clean (qgis) profile, no 3rd party plugins installed.

#3 - 2019-04-10 06:36 PM - Matt Yoder

I can reproduce the crash with a clean profile on both Windows and Mac OS. However, I noticed in my testing that not all of the points in the layer cause the crash when they are moved. The point with fid 97 consistently causes the crash for me when I try to move it using the Vertex Tool.

#4 - 2019-04-10 06:38 PM - Giovanni Manghi

Matt Yoder wrote:

I can reproduce the crash with a clean profile on both Windows and Mac OS. However, I noticed in my testing that not all of the points in the layer cause the crash when they are moved. The point with fid 97 consistently causes the crash for me when I try to move it using the Vertex Tool.

not on linux.

Have you tried with a new/clean profile?

#5 - 2019-04-10 06:47 PM - Matt Yoder

Yes, I went to Settings -> New Profile to create a new profile. I get the same crash under Windows and Mac OS with the clean profile. I just tested on Ubuntu as well, but I don't get the crash there.

#6 - 2019-04-10 06:48 PM - Giovanni Manghi

- Status changed from Feedback to Open

Files

|             |        |            |            |
|-------------|--------|------------|------------|
| permit.gpkg | 112 KB | 2019-04-09 | Matt Yoder |
|-------------|--------|------------|------------|