

QGIS Application - Bug report #17959

QGIS crashes when Print Layout attempts to render an ESRI MapServer layer

2018-01-25 03:22 PM - David Jordan

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Map Composer/Printing	
Affected QGIS version:	master	Regression?: Yes
Operating System:	Windows 10 64-bit	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: fixed/implemented
Crashes QGIS or corrupts data:	Yes	Copied to github as #: 25855
Description		
QGIS crashes when Print Layout attempts to draw a raster layer served from an ESRI MapServer, in this case the layer is ESRI World Topo. Crash may be replicated by following these steps: Add ESRI World Topo (or indeed any ESRI MapServer layer) to the map canvas via: Layer - Add Layer - Add ArcGIS MapServer Layer. Create a New Print Layout and then add a map to the print canvas. QGIS almost immediately crashes while rendering the map. Same layer renders fine in the Print Layout if it's served via WMS. Here's my Stack Trace: Crash ID: 9777098370aa1c2cc88f87cf21c3eef841ab2b42 Stack Trace <pre>QRasterPaintEngine::transformChanged : QPainter::translate : QGraphicsScene::drawForeground : QGraphicsScene::dragMoveEvent : QGraphicsItem::dragMoveEvent : QGraphicsEffectSource::draw : QgsLayoutEffect::draw qgslayouteffect.cpp:33 QGraphicsScene::drawItems : QGraphicsScene::drawItems : QGraphicsView::paintEvent : QgsLayoutView::paintEvent qgslayoutview.cpp:1146 QWidget::event : QFrame::event : QGraphicsView::viewportEvent : QCoreApplicationPrivate::sendThroughObjectEventFilters : QApplicationPrivate::notify_helper : QApplication::notify : QgsApplication::notify qgsapplication.cpp:317 QCoreApplication::notifyInternal2 : QWidgetPrivate::drawWidget : QWidgetPrivate::paintSiblingsRecursive : QWidgetPrivate::drawWidget : QWidgetPrivate::paintSiblingsRecursive :</pre>		

QWidgetPrivate::drawWidget :
QWidgetPrivate::paintSiblingsRecursive :
QWidgetPrivate::drawWidget :
QWidgetPrivate::paintSiblingsRecursive :
QWidgetPrivate::drawWidget :
QApplication::windowIcon :
QWidget::event :
QMainWindow::event :
QApplicationPrivate::notify_helper :
QApplication::notify :
QgsApplication::notify qgsapplication.cpp:317
QCoreApplication::notifyInternal2 :
QCoreApplicationPrivate::sendPostedEvents :
QGraphicsScene::~~QGraphicsScene :
QObject::event :
QGraphicsScene::event :
QApplicationPrivate::notify_helper :
QApplication::notify :
QgsApplication::notify qgsapplication.cpp:317
QCoreApplication::notifyInternal2 :
QCoreApplicationPrivate::sendPostedEvents :
qt_plugin_query_metadata :
QEventDispatcherWin32::processEvents :
CallWindowProcW :
DispatchMessageW :
QEventDispatcherWin32::processEvents :
qt_plugin_query_metadata :
QEventLoop::exec :
QCoreApplication::exec :
main main.cpp:1431
WinMain mainwin.cpp:128
__s crt_common_main_seh exe_common.inl:253
BaseThreadInitThunk :
RtlUserThreadStart :

QGIS Info

QGIS Version: 2.99.0-Master
QGIS code revision: c91e33d332
Compiled against Qt: 5.9.2
Running against Qt: 5.9.2
Compiled against GDAL: 2.2.3
Running against GDAL: 2.2.3

System Info

CPU Type: x86_64
Kernel Type: winnt
Kernel Version: 10.0.16299

Associated revisions

Revision bbe974cd - 2018-01-29 08:14 PM - Nyal Dawson

[layouts] Fix crash when using maps containing AMS layers

Implement a similar hack to what the canvas uses to workaround
the badly behaved AMS and WCS providers

Fixes #17959

History

#1 - 2018-01-25 10:36 PM - David Jordan

- Assignee deleted (David Jordan)

#2 - 2018-01-26 12:07 AM - Niall Dawson

- Status changed from Open to Feedback

Can you share a url for the layer?

#3 - 2018-01-26 02:23 AM - David Jordan

Niall Dawson wrote:

| Can you share a url for the layer?

Sure. Here's a url: https://services.arcgisonline.com/arcgis/rest/services/World_Topo_Map/MapServer

QGIS crashes for all ArcGIS MapServer layers, no matter what the source. Here's another from the Geological Survey of Ireland:

<https://secure.dccae.gov.ie/arcgis/rest/services/Bedrock/BedrockGeology100k/MapServer>

#4 - 2018-01-29 06:31 AM - Niall Dawson

- Regression? changed from No to Yes

- Crashes QGIS or corrupts data changed from No to Yes

#5 - 2018-01-29 07:38 AM - Niall Dawson

- Status changed from Feedback to In Progress

PR : <https://github.com/qgis/QGIS/pull/6204>

#6 - 2018-01-29 08:14 PM - Niall Dawson

- % Done changed from 0 to 100

- Status changed from In Progress to Closed

Applied in changeset commit:qgis|bbe974cdcb9ea3563dbfb7eca42e1560780b6f4e.

#7 - 2018-02-21 09:40 PM - Giovanni Manghi

- Resolution set to fixed/implemented