

# QGIS Application - Bug report #17513

## ArcGIS AFS crasher on qgis master

2017-11-22 05:19 AM - Mathieu Pellerin - nIRV

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> Sandro Mani	
<b>Category:</b> Web Services clients/ArcGIS	
<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>	<b>Resolution:</b> fixed/implemented
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 25410

### Description

QGIS master dies on me usually within minutes of adding an AFS layer.

### Steps to reproduce

1. Create a new project
2. Add the "burials" layer from the AFS following server ([https://services1.arcgis.com/7uJv7I3kgh2y7Pe0/ArcGIS/rest/services/CGP\\_Vector\\_Data/FeatureServer](https://services1.arcgis.com/7uJv7I3kgh2y7Pe0/ArcGIS/rest/services/CGP_Vector_Data/FeatureServer))
3. Zoom in to show only a fraction of all points
4. Hit the toolbar refresh button (or f5) a couple of times

5. **boom**

### GDB where output

(gdb) where

```
#0 0x00007ffff39630bb in __GI_raise (sig=sig@entry=6) at ../sysdeps/unix/sysv/linux/raise.c:51
#1 0x00007ffff3964f5d in __GI_abort () at abort.c:90
#2 0x00005555555560612 in qgisCrash(int) (signal=-1) at /home/webmaster/dev/cpp/QGIS/src/app/main.cpp:336
#3 0x000055555555608ba in myMessageOutput(QtMsgType, char const*) (type=QtFatalMsg, msg=0x7fff147485a8 "ASSERT:
'f.isValid()' in file /home/webmaster/dev/cpp/QGIS/src/providers/arcgisrest/qgsafsshareddata.cpp, line 111") at
/home/webmaster/dev/cpp/QGIS/src/app/main.cpp:389
#4 0x00007ffff433e61a in () at /usr/lib/x86_64-linux-gnu/libQt5Core.so.5
#5 0x00007ffff43400ee in QMessageLogger::fatal(char const*, ...) const () at /usr/lib/x86_64-linux-gnu/libQt5Core.so.5
#6 0x00007ffff433b357 in () at /usr/lib/x86_64-linux-gnu/libQt5Core.so.5
#7 0x00007fff56734237 in QgsAfsSharedData::getFeature(long long, QgsFeature&, bool, QList<int> const&, QgsRectangle
const&) (this=0x555555fc25760, id=101, f=..., fetchGeometry=true, filterRect=...)
at /home/webmaster/dev/cpp/QGIS/src/providers/arcgisrest/qgsafsshareddata.cpp:111
#8 0x00007fff5672b623 in QgsAfsFeatureIterator::fetchFeature(QgsFeature&) (this=0x7fff14745520, f=...) at
/home/webmaster/dev/cpp/QGIS/src/providers/arcgisrest/qgsafsfeatureiterator.cpp:94
#9 0x00007fff60e7e44 in QgsAbstractFeatureIterator::nextFeature(QgsFeature&) (this=0x7fff14745520, f=...) at
/home/webmaster/dev/cpp/QGIS/src/core/qgsfeatureiterator.cpp:63
#10 0x00007fff7108db5 in QgsFeatureIterator::nextFeature(QgsFeature&) (this=0x7fff1401be30, f=...) at
/home/webmaster/dev/cpp/QGIS/src/core/qgsfeatureiterator.h:370
#11 0x00007ffff63649d6 in QgsVectorLayerFeatureIterator::fetchFeature(QgsFeature&) (this=0x7fff1401bc20, f=...) at
/home/webmaster/dev/cpp/QGIS/src/core/qgsvectorlayerfeatureiterator.cpp:330
#12 0x00007ffff60e7e44 in QgsAbstractFeatureIterator::nextFeature(QgsFeature&) (this=0x7fff1401bc20, f=...) at
/home/webmaster/dev/cpp/QGIS/src/core/qgsfeatureiterator.cpp:63
#13 0x00007fff7108db5 in QgsFeatureIterator::nextFeature(QgsFeature&) (this=0x7fff237fcd80, f=...) at
/home/webmaster/dev/cpp/QGIS/src/core/qgsfeatureiterator.h:370
#14 0x00007ffff63846f4 in QgsVectorLayerRenderer::drawRenderer(QgsFeatureIterator&) (this=0x5555561497a70, fit=...) at
/home/webmaster/dev/cpp/QGIS/src/core/qgsvectorlayerrenderer.cpp:264
#15 0x00007ffff638421a in QgsVectorLayerRenderer::render() (this=0x5555561497a70) at
```

```
/home/webmaster/dev/cpp/QGIS/src/core/qgsvectorlayerrenderer.cpp:247
#16 0x00007ffff6183a5f in QgsMapRendererParallelJob::renderLayerStatic(LayerRenderJob&) (job=...) at
/home/webmaster/dev/cpp/QGIS/src/core/qgsmaprendererparalleljob.cpp:256
#17 0x00007ffff61851da in QtConcurrent::FunctionWrapper1<void, LayerRenderJob&>::operator()(LayerRenderJob&)
(this=0x555561490bf8, u=...)
    at /usr/include/x86_64-linux-gnu/qt5/QtConcurrent/qtconcurrentfunctionwrappers.h:83
#18 0x00007ffff6184f13 in QtConcurrent::MapKernel<QList<LayerRenderJob>::iterator, QtConcurrent::FunctionWrapper1<void,
LayerRenderJob&> >::runIteration(QList<LayerRenderJob>::iterator, int, void*) (this=0x555561490bc0, it=...) at
/usr/include/x86_64-linux-gnu/qt5/QtConcurrent/qtconcurrentmapkernel.h:69
#19 0x00007ffff6184fb2 in QtConcurrent::MapKernel<QList<LayerRenderJob>::iterator, QtConcurrent::FunctionWrapper1<void,
LayerRenderJob&> >::runIterations(QList<LayerRenderJob>::iterator, int, int, void*) (this=0x555561490bc0,
sequenceBeginIterator=..., beginIndex=2, endIndex=3) at
/usr/include/x86_64-linux-gnu/qt5/QtConcurrent/qtconcurrentmapkernel.h:78
#20 0x00007ffff6185482 in QtConcurrent::IterateKernel<QList<LayerRenderJob>::iterator, void>::forThreadFunction()
(this=0x555561490bc0)
    at /usr/include/x86_64-linux-gnu/qt5/QtConcurrent/qtconcurrentiteratekernel.h:256
#21 0x00007ffff6185144 in QtConcurrent::IterateKernel<QList<LayerRenderJob>::iterator, void>::threadFunction()
(this=0x555561490bc0)
    at /usr/include/x86_64-linux-gnu/qt5/QtConcurrent/qtconcurrentiteratekernel.h:218
#22 0x00007fffebb78bfd in QtConcurrent::ThreadEngineBase::run() () at /usr/lib/x86_64-linux-gnu/libQt5Concurrent.so.5
#23 0x00007ffff4351581 in () at /usr/lib/x86_64-linux-gnu/libQt5Core.so.5
#24 0x00007ffff435529d in () at /usr/lib/x86_64-linux-gnu/libQt5Core.so.5
#25 0x00007fffeaad37fc in start_thread (arg=0x7fff237fe700) at pthread_create.c:465
#26 0x00007ffff3a40b0f in clone () at ../sysdeps/unix/sysv/linux/x86_64/clone.S:95
```

## Associated revisions

### Revision 9ed26361 - 2017-11-22 11:48 AM - Sandro Mani

[ArcGIS REST] Add missing mutex to QgsAfsProvider (fixes #17513)

### Revision d6d40970 - 2017-11-22 12:49 PM - Sandro Mani

Merge pull request #5692 from manisandro/afsshareddata\_mutex

[ArcGIS REST] Add missing mutex to QgsAfsProvider (fixes #17513)

## History

### #1 - 2017-11-22 06:03 AM - Mathieu Pellerin - nIRV

Simpler steps to reproduce:

1. Add the "burials" layer from the AFS server mentioned above
2. Zoom in to show only a fraction of all points
3. Hit the toolbar refresh button (or f5) a couple of times
4. **boom**

### #2 - 2017-11-22 06:23 AM - Mathieu Pellerin - nIRV

- Description updated

**#3 - 2017-11-22 06:24 AM - Mathieu Pellerin - nIRV**

- *Description updated*

**#4 - 2017-11-22 12:48 PM - Sandro Mani**

- *% Done changed from 0 to 100*

- *Status changed from Open to Closed*

Applied in changeset commit:qgis|9ed26361a6448fe1c0c8e263b0087d5bd8593f6b.

**#5 - 2017-11-23 06:14 PM - Giovanni Manghi**

- *Resolution set to fixed/implemented*