QGIS Application - Bug report #18516
Crash during export of vector file as Mapinfo TAB when 'symbology export' option selected.

2018-03-23 01:24 AM - Matthew Bodnar

Status:	Closed		
Priority:	High		
Assignee:			
Category:	Unknown		
Affected QGIS version:	3.0.0	**Regression?:**	No
Operating System:	WIN 10 1709	**Easy fix?:**	No
Pull Request or Patch supplied:	Yes	**Resolution:**	
Crashes QGIS or corrupts data:	Yes	**Copied to github as #:**	26404

Description

User Feedback

I was trying to 'save as' a .shp polygon vector as a MapInfo TAB file with symbology exported as 'Feature Symbology'... then it crashed.
It also crashed when exporting symbology as 'Symbol layer symbology'
It DID NOT crash when saving as a TAB file without symbology export selected.

Report Details

Crash ID: 8fa2b8b945ec9edae6d3e80a748de8536d56c77e

Stack Trace

```
QgsExpression::evaluate :
QgsGraduatedSymbolRenderer::valueForFeature :
QgsGraduatedSymbolRenderer::originalSymbolForFeature :
QgsFeatureRenderer::symbolsForFeature :
QgsVectorFileWriter::addFeatureWithStyle :
QgsVectorFileWriter::writeAsVectorFormat :
QgsVectorFileWriterTask::run :
QgsTask::start :
QThreadPoolPrivate::reset :
QThread::start :
BaseThreadInitThunk :
RtlUserThreadStart :
```

QGIS Info
QGIS Version: 3.0.0-Girona
QGIS code revision: commit:001c80b0c3
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 95d2a27c - 2018-03-30 12:01 AM - Nyall Dawson

Split QgsVectorFileWriter writeAsVectorFormat into two methods

to allow correct thread-safe usage

There is now a prepare method, which must be run on the main thread and which prepopulates feature iterators and clones renderers, and a separate write method which is safe to execute on background threads (e.g. tasks)

Fixes #18516

Revision d88ffc6c - 2018-04-02 05:01 AM - Nyall Dawson

Split QgsVectorFileWriter writeAsVectorFormat into two methods to allow correct thread-safe usage

There is now a prepare method, which must be run on the main thread and which prepopulates feature iterators and clones renderers, and a separate write method which is safe to execute on background threads (e.g. tasks)

Fixes #18516

(cherry-picked from 95d2a27)

History

#1 - 2018-03-23 09:43 PM - Matthew Bodnar

This crash appears to be related to the symbology export, regardless of file type being export. If anything other than 'no symbology' is selected, QGIS 3.0.0 will crash.

#2 - 2018-03-28 12:28 AM - Nyall Dawson

- *Status changed from Open to In Progress*

#3 - 2018-03-28 12:36 AM - Nyall Dawson

- *Pull Request or Patch supplied changed from No to Yes*

PR https://github.com/qgis/QGIS/pull/6695

#4 - 2018-03-30 12:01 AM - Nyall Dawson

- *% Done changed from 0 to 100*
- *Status changed from In Progress to Closed*

Applied in changeset commit:qgis|95d2a27cbff18caae953ac2132dcb8d3f872cc9a.