

QGIS Application - Bug report #19531

Running extract by attribute in a model and providing a non-existent selection attribute causes QGIS to crash

2018-08-02 12:20 PM - Rudi von Staden

Status: Closed	
Priority: Normal	
Assignee:	
Category: Processing/Modeller	
Affected QGIS version: 3.3(master)	Regression?: Yes
Operating System: Windows 10	Easy fix?: Yes
Pull Request or Patch supplied: No	Resolution:
Crashes QGIS or corrupts data: Yes	Copied to github as #: 27358
Description	
<p>QGIS crashes if you use the "Extract by attribute" algorithm in a model in QGIS processing, and specify a field for the selection attribute which does not exist in the provided layer. A model and sample layer which demonstrates this is attached. This behaviour is only possible in a model (or in batch mode), since the field is populated by a drop-down list when run directly as an algorithm.</p> <p>The algorithm id is native:extractbyattribute. I think it is a regression because while in 2.18 it would also not give an informative exception (it produces an empty layer), it did not crash QGIS.</p> <p>I suspect that this bug can be fixed by adding something like:</p> <pre>if (idx == -1) throw QgsProcessingException(invalidSourceError(parameters, QStringLiteral("FIELD")));</pre> <p>after https://github.com/qgis/QGIS/blame/master/src/analysis/processing/qgsalgorithmextractbyattribute.cpp#L105, but I haven't been able to test that.</p>	

Associated revisions

Revision 4acef1ef - 2018-08-03 09:57 PM - Nyall Dawson

[processing] Fix crash in extract by attribute when field name does not exist

Fixes #19531

History

#1 - 2018-08-03 09:57 PM - Nyall Dawson

- % Done changed from 0 to 100

- Status changed from Open to Closed

Applied in changeset commit:qgis|4acef1efbf0c4bae01fc75915ad8374955af9fa7.

Files

extract_by_attribute.zip

719 KB

2018-08-02

Rudi von Staden