

QGIS Application - Bug report #20094

Extracting z-coordinates takes ages and makes the system unresponsive

2018-10-12 08:01 PM - Karl Kastner

Status:	Closed	
Priority:	High	
Assignee:	Alessandro Pasotti	
Category:	Geometry	
Affected QGIS version:	3.3(master)	Regression?: No
Operating System:	Ubuntu 18.04 Bionic Beaver	Easy fix?: No
Pull Request or Patch applied:	Yes	Resolution: fixed/implemented
Crashes QGIS or corrupts data:	No	Copied to github as #: 27916
Description		
<p>qgis displays the sand-dial forever and other applications become unresponsive when z-coordinates are extracted.</p> <p>Steps to reproduce:</p> <ol style="list-style-type: none">1. Add vector layer segments.shp2. Open attribute table3. Open field calculator4. output field name -> z5. Expression -> z(start_point(\$geometry))6. ok <p>Expected behaviour:</p> <p>z values of start points should be added to the attribute table in a reasonable amount of time, say no longer than 30s for the example file of about 26MB. At least a cancel button would be nice to stop pending operations.</p> <p>Example shape-file downloadable at (compressed 9Mb):</p> <p>https://filesender.surf.nl/?s=download&#38;token=9cee5ba9-b49d-0b72-2c67-a993e09d6869</p> <p>By the way, I register this issue from a new account as my old one is not accessible anymore. Password reset is not possible, due to the error: "This account uses an external authentication source. Impossible to change the password."</p>		

Associated revisions

Revision 9d82df5d - 2018-10-13 03:40 PM - Alessandro Pasotti

Forward to app blocking/unblocking of attr table updates

Fixes #20094 - Extracting z-coordinates takes ages and makes the system unresponsive

Revision 5defc030 - 2018-10-16 09:33 AM - Alessandro Pasotti

Fix slow updates from field calculator

Fixes #20094

Followup 096b4ce

History

#1 - 2018-10-12 09:30 PM - Alessandro Pasotti

- *Priority changed from Low to High*
- *Affected QGIS version changed from 2.18.17 to 3.3(master)*

In addition to 2.18 this also affects master .

#2 - 2018-10-12 09:40 PM - Alessandro Pasotti

- *Assignee set to Alessandro Pasotti*

#3 - 2018-10-12 10:27 PM - Alessandro Pasotti

- *Pull Request or Patch supplied changed from No to Yes*
- *Status changed from Open to In Progress*

PR (master) <https://github.com/qgis/QGIS/pull/8177>

#4 - 2018-10-15 10:31 AM - Anonymous

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

Applied in changeset commit:qgis|9d82df5d16ebb3e13dfc09e45307c6d1a7d1828a.

#5 - 2018-10-15 10:31 AM - Alessandro Pasotti

- *Resolution set to fixed/implemented*

#6 - 2018-10-18 09:56 AM - Alessandro Pasotti

I've just merged a new PR that address this issue (and others) in a different way, please test the current master and give some feedback.

#7 - 2018-10-18 08:19 PM - Karl Kastner

It works with qgis 3.3.0-Master in Ubuntu 18.10 Cosmic Cuttlefish, the attribute editor opens somewhat slower than in qgis 2.8, but this is not really an issue