

QGIS Application - Bug report #7533

field calculator is much slower on master than in 1.8

2013-04-07 12:36 AM - Giovanni Manghi

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|--|-------------------|-------------------------------------|
| Status: | Closed | |
| Priority: | Severe/Regression | |
| Assignee: | | |
| Category: | Vectors | |
| Affected QGIS version: | master | Regression?: No |
| Operating System: | | Easy fix?: No |
| Pull Request or Patch supplied: | | Resolution: |
| Crashes QGIS or corrupts data: | | Copied to github as #: 16477 |
| Description | | |
| ~3000 records | | |
| QGIS 1.8: | | |
| New field -> \$area: ~2s | | |
| Update -> \$perimeter: ~2s | | |
| Update -> \$id: <2s | | |
| QGIS master: | | |
| New field -> \$area: ~32s | | |
| Update -> \$perimeter: ~32s | | |
| Update -> \$id: ~14s | | |

Associated revisions

Revision a21fc5a7 - 2013-04-08 09:07 PM - Matthias Kuhn

[FIX #7533] Field calculator is slow

Set the QgsDistanceArea only once and not for every loop cycle.

QgsCoordinateReferenceSystem::loadFromDb takes very long.

Revision a150865e - 2013-04-08 09:17 PM - Jürgen Fischer

Merge pull request #510 from matthias-kuhn/field-calculator-perf

[FIX #7533] Field calculator is slow

History

#1 - 2013-04-08 12:16 PM - Matthias Kuhn

- Status changed from Open to In Progress

I've got a patch for this ready. Hopefully it is reviewed soon.

<https://github.com/qgis/Quantum-GIS/pull/510>

Giovanni:

You could help by doing your profiling with this patch again.

#2 - 2013-04-08 12:17 PM - Jürgen Fischer

- Status changed from *In Progress* to *Closed*

Fixed in changeset commit:"a150865e2b518638956c5640d938e97934e694ea".

#3 - 2013-04-08 12:18 PM - Matthias Kuhn

Giovanni, could you still do the profiling to verify this solves the issue. Thank you.

#4 - 2013-04-14 10:25 AM - Giovanni Manghi

Matthias Kuhn wrote:

| *Giovanni, could you still do the profiling to verify this solves the issue. Thank you.*

really, really improved. Thanks a lot Matthias!