

QGIS Application - Feature request #17041

Standardize names of Flow Accumulation tools in SAGA Processing and SAGA GIS

2017-08-20 05:43 PM - Mario Reyes

| | | |
|--|-----------------|-------------------------------------|
| Status: | Closed | |
| Priority: | Normal | |
| Assignee: | Victor Olaya | |
| Category: | Processing/SAGA | |
| Pull Request or Patch Applied: | No | Resolution: invalid |
| Easy fix?: | No | Copied to github as #: 24940 |
| Description | | |
| <p>I was looking for the Catchment Area tool in SAGA GIS, which I have used in QGIS Processing Toolbox, but I found that the names are different. In SAGA GIS the name of the tool is "Flow Accumulation". It would be very useful if the names are standardized using the SAGA GIS names. If people getting used to the QGIS Processing names are having problems, an alternative could be use something like "Flow Accumulation (Catchment Area)".</p> | | |

History

#1 - 2017-08-21 05:32 PM - Giovanni Manghi

- Status changed from Open to Feedback
- File Screenshot_20170821_163153.png added

you are probably using an old version of Processing? See attached image, the name is catchment area. Please also note that now the only SAGA version supported is LTR, so 2.3.*.

#2 - 2017-08-22 02:53 AM - Mario Reyes

- File flow accumulation.PNG added
- File catchment area.png added

Giovanni Manghi wrote:

you are probably using an old version of Processing? See attached image, the name is catchment area. Please also note that now the only SAGA version supported is LTR, so 2.3..*

Sorry, I forgot to mention I'm using QGIS 2.18.11 with SAGA 2.3.2. I installed it using the Windows Installer. In QGIS the tool is called "Catchment Area" (see attached image). In SAGA GIS, the tool is called "Flow Accumulation" (see attached image).

#3 - 2017-08-22 09:21 AM - Mario Reyes

Mario Reyes wrote:

Giovanni Manghi wrote:

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Area" (see attached image). In SAGA GIS, the tool is called "Flow Accumulation" (see attached image).

It seems the difference in names it has generated confusion for some users, although related to another tool ([[<https://gis.stackexchange.com/questions/243492/saga-grid-tools-not-found-on-qgis-2-14-15?rq=1>]])

#4 - 2017-08-22 10:19 AM - Giovanni Manghi

- Resolution set to invalid
- Status changed from Feedback to Closed

Mario Reyes wrote:

Giovanni Manghi wrote:

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this is on purpose, see:

https://github.com/qgis/QGIS/blob/release-2_18/python/plugins/processing/algs/saga/SagaNameDecorator.py#L108

in order to keep them equal to previous SAGA versions. If this is confusing then I think this must be discussed within the community, in the users and/or developers mailing lists.

#5 - 2017-08-22 04:36 PM - Mario Reyes

Giovanni Manghi wrote:

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Thanks, now I know the equivalent names between SAGA and the Processing Toolbox. I think it could be confusing for someone who has used SAGA before and tries to find the tools in QGIS. I'll check in the mailing and developers lists if there is some related post.

Files

| | | | |
|--------------------------------|---------|------------|-----------------|
| Screenshot_20170821_163153.png | 178 KB | 2017-08-21 | Giovanni Manghi |
| catchment area.png | 7.22 KB | 2017-08-22 | Mario Reyes |
| flow accumulation.PNG | 15.4 KB | 2017-08-22 | Mario Reyes |