

## QGIS Application - Bug report #18751

### SAGA raster calculator additional layer is not treated as optional

2018-04-18 02:27 PM - matteo ghetta

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Processing/SAGA	
<b>Affected QGIS version:</b> master	<b>Regression?:</b> Yes
<b>Operating System:</b> linux	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b> No	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b> No	<b>Copied to github as #:</b> 26638

#### Description

When performing a calculation on just one single raster layer the following error shows up:

Processing algorithm...

AlgorithmDialog

Input parameters:

```
{ 'FORMULA' : 'a * 10', 'GRIDS' :
```

```
 '/tmp/processing_0d84d0cba3f64eca9243f2ba5fdb600f/aa9dc0ddfbd469795eebb092d750248/slope.tif', 'RESAMPLING' : 3,  
'RESULT' : '/tmp/processing_0d84d0cba3f64eca9243f2ba5fdb600f/4a80bd4893b2470b81b8cf4a6ccfe81b/RESULT.sdat',  
'TYPE' : 7, 'USE_NODATA' : False, 'XGRIDS' : " }
```

Traceback (most recent call last):

```
File "/home/matteo/lavori/QGIS/newbuild/output/python/plugins/processing/algs/saga/SagaAlgorithm.py", line 258, in  
processAlgorithm
```

```
command += ' -{} {}'.format(param.name(), ';'.join(self.exportedLayers[param.name()]))
```

```
KeyError: 'XGRIDS'
```

Execution failed after 0.05 seconds

Loading resulting layers

Algorithm 'Raster calculator' finished

so it seems that the additional layer box has to be filled up with some layers.

In fact, when adding a layer, even if not used in the formula, the calculation works nice.

#### Associated revisions

Revision 268aa171 - 2018-06-04 06:01 AM - Nyal Dawson

[processing][saga] Fix error in raster calculator

Fixes #18751

#### History

#1 - 2018-06-04 06:00 AM - Nyal Dawson

- % Done changed from 0 to 100

- Status changed from Open to Closed

Applied in changeset commit:qgis|268aa171cb26a1b6aed30bbaa43b2a526bbdd053.