

QGIS Application - Feature request #8955

Processing in a standalone QGIS app

2013-10-27 04:21 AM - Joshua Arnott

Status:	Open	Resolution:  Copied to github as #: 17619
Priority:	Normal	
Assignee:	Victor Olaya	
Category:	Processing/Core	
Pull Request or Patch supplied:	Yes	
Easy fix?:	No	
Description		
<p>Currently it is not possible to use the processing module in a standalone QGIS application/script.</p> <p>This is due in part to a dependence on the iface object, which is only available when running as a plugin within QGIS. In addition to this there will be issues with calling external programs/scripts using subprocess.Popen related to paths.</p> <p>I've attached an example script (processing_standalone.py) which uses a mock iface object to allow the plugin to load. This can be used to run the 'qgis:*' algorithms, as they don't have any external dependencies. More work is needed to get things working with GRASS and SAGA, etc.</p>		

History

#1 - 2013-10-27 11:21 AM - Giovanni Manghi

- Assignee set to Victor Olaya
- Pull Request or Patch supplied changed from No to Yes

#2 - 2014-03-26 07:35 AM - Alexander Bruy

- Category set to 63

#3 - 2014-10-04 12:08 PM - Giovanni Manghi

- Project changed from 78 to QGIS Application
- Category deleted (63)

#4 - 2014-10-04 12:09 PM - Giovanni Manghi

- Category set to Processing/Core

#5 - 2017-05-01 12:48 AM - Giovanni Manghi

- Easy fix? set to No

#6 - 2019-02-27 12:42 PM - Luigi Pirelli

- Description updated

FYI <https://github.com/qgis/QGIS-Enhancement-Proposals/issues/140>

Files

processing_standalone.py	2.44 KB	2013-10-27	Joshua Arnott
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