

QGIS Application - Feature request #4920

Add python actions examples to documentation

2012-01-30 11:39 AM - Giovanni Manghi

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Documentation and Help	
Pull Request or Patch supplied:	Yes	Resolution: fixed
Easy fix?:	No	Copied to github as #: 14726
Description		
I have two good examples of python actions that I believe are good to be included in the Manual. The first two are about opening files with external programs: usually you have to use absolute paths, or relative paths... relative to the position of the external program executable. What about if you need to use relative paths relative to the selected layer (file based)? <pre>command = "eog"; imagerelpath = "immagini/tav_01.jpg"; layer = qgis.utils.iface.activeLayer(); import os.path; layerpath = layer.source() if layer.providerType() 'ogr' else (qgis.core.QgsDataSourceURI(layer.source()).database() if layer.providerType() 'spatialite' else None); path = os.path.dirname(str(layerpath)); image = os.path.join(path, imagerelpath); import subprocess; subprocess.Popen([command, image]);</pre> and what about if the relative path need to be relative to the (saved) project file? <pre>command = "eog"; imagerelpath = "immagini/tav_01.jpg"; projectpath = qgis.core.QgsProject.instance().fileName(); import os.path; path = os.path.dirname(str(projectpath)) if projectpath != "" else None; image= os.path.join(path, imagerelpath); import subprocess; subprocess.Popen([command, image]);</pre> He also suggested me a way to add new layers to a project trough an action: <pre>qgis.utils.iface.addVectorLayer('/home/user/%column_name.shp','% NAME', 'ogr')</pre> <pre>qgis.utils.iface.addRasterLayer('/home/user/%column_name.tif','%NAME')</pre>		

History

#1 - 2012-08-12 02:45 PM - Giovanni Manghi

- Pull Request or Patch supplied changed from No to Yes
- File *working_with_vector_patch.diff* added

#2 - 2012-08-12 03:46 PM - Giovanni Manghi

- Tracker changed from Bug report to Feature request

#3 - 2012-08-20 05:13 AM - Giovanni Manghi

- Resolution set to fixed
- Status changed from Open to Closed

added in

<https://github.com/qgis/QGIS-Documentation/commit/281bdcc9b91344bf5138a322c0372d7217775a6c>

Files

working_with_vector_patch.diff	2.75 KB	2012-08-12	Giovanni Manghi
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