

QGIS Application - Bug report #2006

Python: cannot connect SIGNAL canvasClicked with a function

2009-10-13 06:56 AM - luca76 -

Status:	Closed	
Priority:	Low	
Assignee:	Borys Jurgiel	
Category:	Python plugins	
Affected QGIS version:		Regression?: No
Operating System:	Windows	Easy fix?: No
Pull Request or Patch supplied:		Resolution: invalid
Crashes QGIS or corrupts data:		Copied to github as #: 12066
Description		
I cannot connect SIGNAL canvasClicked anymore (QGIS 1.3.0) this: <pre>QObject.connect(emitPoint, SIGNAL(""), self.clickButton)</pre> doesn't work anymore. Neither: <pre>QObject.connect(emitPoint, SIGNAL(""), self.clickButton)</pre> attached a simple plugin.		

History

#1 - 2009-10-13 08:07 AM - Jürgen Fischer

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

the latter works. The problem is that your tool is destroyed before you get a chance to use it. Following works:

```
# Import the [[PyQt]] and QGIS libraries
from [[PyQt]]4.QtCore import *
from [[PyQt]]4.QtGui import *
from qgis.core import *
from qgis.gui import *

class simplePlugin:

    def +init+(self, iface):
        # Save reference to the QGIS interface
        self.iface = iface

    def initGui(self):
        # Create action that will start plugin configuration
        self.action = QAction(QIcon("../plugins/totem/icon.png"), "test", self.iface.mainWindow())
        # connect the action to the run method
```

```

QObject.connect(self.action, SIGNAL("activated()"), self.run)
self.iface.addPluginToMenu("Plugin...", self.action)

def unload(self):
    # Remove the plugin menu item and icon
    self.iface.removePluginMenu("Plugin...", self.action)
    self.iface.removeToolBarIcon(self.action)

def run(self):
    mapCanvas=self.iface.mapCanvas()
    # Create the appropriate map tool and connect the gotPoint() signal.
    self.emitPoint = [[QgsMapToolEmitPoint]](mapCanvas)
    mapCanvas.setMapTool(self.emitPoint)
    QObject.connect(self.emitPoint, SIGNAL("canvasClicked(const [[QgsPoint]] &, Qt::MouseButton)"), self.clickButton)

def clickButton(self, pnt, but):
    QMessageBox.information(None, "Nome finestra", "cliccato", "&Ok", "&Cancel", "", 0, 1)

```

Files

simple_plugin.zip	1.3 KB	2009-10-13	luca76 -
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