

QGIS Application - Feature request #14011

Access QGIS measurement (and all QWidgetAction) widget with a deterministic approach

2015-12-18 01:48 PM - Thomas Gratier

Status:	Open	Resolution: Copied to github as #: 22024
Priority:	Normal	
Assignee:		
Category:	Map Tools	
Pull Request or Patch supplied:	No	
Easy fix?:	No	
Description		
<p>To access the measurement widget in the toolbar that contains "Measure Line", "Measure Area" and "Measure Angle", I have to do the following:</p> <pre>iface.attributesToolBar().actions()[8]</pre> <p>The problem: it's not deterministic if I choose to add or remove buttons in the "Attributes Toolbar" If I do below code, It's again not deterministic because I depend from the translated string</p> <pre>from PyQt4.QtGui import QWidgetAction for action in iface.attributesToolBar().actions(): if isinstance(action, QWidgetAction): if action.defaultWidget().actions()[0].text() in ["Measure Line", "Measure Area", "Measure Angle"]: print action.defaultWidget().actions()[0].text()</pre> <p>So, I would expect something like</p> <pre>from PyQt4.QtGui import QWidgetAction for action in iface.attributesToolBar().actions(): if isinstance(action, QWidgetAction): if action.data() == "qwidget_measure": print "It the measurement QWidget"</pre> <p>I don't know if I missed an alternate better way.</p> <p>If there are not better way, the proposed changed would make action.data() contains an id instead of None at the moment.</p> <p>I also don't know if it's the best solution too (not enough year of experience with Qt/PyQt)</p>		

History

#1 - 2017-05-01 12:46 AM - Giovanni Manghi

- Easy fix? set to No

#2 - 2017-05-10 11:37 AM - Regis Haubourg

- *Category changed from Actions to Map Tools*
- *Description updated*