

## QGIS Application - Bug report #19267

### QgsTask does not starts after adding to the task manager

2018-06-26 07:22 AM - Alexander Bruy

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Python bindings / sipify	
<b>Affected QGIS version:</b>	3.3(master)	<b>Regression?:</b> No
<b>Operating System:</b>		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>		<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>		<b>Copied to github as #:</b> 27095
<b>Description</b>		
<p>Seems adding tasks to the task manager from Python using</p> <pre>task = TestTask('my task', 10) QgsApplication.taskManager().addTask(task)</pre> <p>works fine from Python console, but does not work from the QAction's slot.</p> <p>Test plugin attached. Install and activate this plugin, run task from the menu "Plugins → Test → Test". Nothing happens, task does not started. Now open <i>init.py</i> and uncomment line 55 which just adds some dummy debug message to the log. Restart QGIS and run plugin again, task will be added and executed.</p>		

#### History

##### #1 - 2018-06-26 07:26 AM - Alexander Bruy

There is also another issue — **finished()** is not executed (probably because Python object is garbage collected when out of scope). To test this uncomment lines 52-53 in the *init.py* and run plugin. After task completes no messages will be added to the message log.

##### #2 - 2018-07-08 04:45 PM - Salvatore Larosa

Hi Alexander, I don't know if this is or not a bug, but I would have defined the application taskmanager on `__init__` method of the testplugin. Code below works as expected.

```
class TestPlugin:
    def __init__(self, iface):
        self.iface = iface
        self.tm = QgsApplication.taskManager()

    def initGui(self):
        self.action = QAction('Test', self.iface.mainWindow())
        self.iface.addPluginToMenu('Test', self.action)
        self.action.triggered.connect(self.run)

    def unload(self):
        self.iface.removePluginMenu('Test', self.action)

    def run(self):
        task = TestTask('my task', 10)
```

```
self.tm.addTask(task)
```

```
def complete(self):  
    QgsMessageLog.logMessage('Task finished')
```

```
def error(self):  
    QgsMessageLog.logMessage('Error occurred')
```

### #3 - 2018-07-10 11:20 AM - Alexander Bruy

- *Status changed from Open to Closed*

#### Files

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tasktest.zip	1.3 KB	2018-06-26	Alexander Bruy
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