

# Py Systray

<https://stackoverflow.com/questions/47095129/pystray-systray-icon>

<https://stackoverflow.com/questions/9494739/how-to-build-a-systemtray-app-for-windows>

<https://pystray.readthedocs.io/en/latest/index.html>

<https://github.com/moses-palmer/pystray>

<https://github.com/PySimpleGUI/PySimpleGUI/tree/master/PySimpleGUIWx>

[https://www.reddit.com/r/Python/comments/a9t466/system\\_tray\\_icon\\_get\\_status\\_launch\\_programs\\_popup/](https://www.reddit.com/r/Python/comments/a9t466/system_tray_icon_get_status_launch_programs_popup/)

Example:

```
pip install pystray pillow
```

```
#!/usr/bin/python
#import pystray
from pystray import Icon as icon, Menu as menu, MenuItem as item
from PIL import Image
import os, sys

def action():
    pass

def action_restart():
    """Restarts the current program, with file objects and descriptors
    cleanup
    """

    try:
        p = psutil.Process(os.getpid())
        for handler in p.get_open_files() + p.connections():
            os.close(handler.fd)
    except Exception as e:
        #logging.error(e)
        pass

    python = sys.executable
    os.execl(python, python, *sys.argv)
    #os.execv(sys.executable, ['python'] + sys.argv)

def action_exit():
    quit()

def launch():
    i = 0;
    while i<1000000:
```

```
    print(i)
    i += 1
pass

image = Image.open("systray-icon.png")
#icon = pystray.Icon(name ="just text", icon =image, title ="Other Text",
menu =None)
menu = (item('name', action), item('Restart', action_restart), item('Exit',
action_exit))
icon = icon("name", image, "title", menu)

def run_call(icon):
    if icon is not None:
        icon.visible = True
        launch()

icon.run(run_call)
```

From:  
<http://wuff.dyndns.org/> - **Wulf's Various Things**

Permanent link:  
<http://wuff.dyndns.org/doku.php?id=python:systray&rev=1675005230>

Last update: **2023/05/29 11:53**

