
discogui Documentation

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ponty

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About

discogui discovers GUI elements

Links:

- home: <https://github.com/ponty/discogui>
- documentation: <http://discogui.readthedocs.org>
- PYPI: <https://pypi.python.org/pypi/discogui>

Features:

- python module
- works on Linux
- does not depend on Accessibility technologies
- toolkit independent
- only basic tests on very simple GUI
- GUI should be displayed on Xvfb or Xephyr
- slow

Known problems:

- Python 3 is not supported

Possible applications:

- GUI unit-testing
- automatic GUI control

Basic usage

```
from discogui.buttons import discover_buttons
from easyprocess import EasyProcess
from pyvirtualdisplay import Display
with Display():
    with EasyProcess('zenity --question') as p:
        p.sleep(1)
        buttons = discover_buttons()
print buttons
```

Installation

3.1 General

- install [Xvfb](#) and [Xephyr](#)
- install [Xlib](#)
- install [scrot](#)
- install [PIL](#)
- install [xdotool](#)
- install [pip](#)
- install latest [PyMouse](#) and the program:

```
# as root
pip install https://github.com/pepijndevos/PyMouse/zipball/master
pip install discogui
```

3.2 Ubuntu 14.04

```
sudo apt-get install python-pip xvfb python-xlib scrot python-pil xdotool
sudo pip install https://github.com/pepijndevos/PyMouse/zipball/master
sudo pip install discogui
```

3.3 Uninstall

```
# as root
pip uninstall discogui
```

4.1 `discogui.hover`

4.2 `discogui.taborder`

4.3 `discogui.buttons`