



Installing uncompyle6 in Kali Linux

Python Bytecode Decompiler:
Compiled to Source code conversion

```
root@kali: ~  
File Edit View Search Terminal Help  
root@kali:~# uncomplye6 --version  
bash: uncomplye6: command not found  
root@kali:~# python --version  
Python 2.7.14+  
root@kali:~#
```

Check to see if you have
'uncomplye6' installed

- Type:
uncomplye6 --version
- If not, check your Python version by typing:
python --version

Browse to:
pypi.org/project/uncompyle6/
to download the latest version – 3.2.3

- Navigation – Download files
- Find the .whl file that matches your Python version.

The screenshot shows a web browser window displaying the PyPI page for the `uncompyle6` package. The browser title is "uncompyle6 · PyPI - Mozilla Firefox". The address bar shows the URL `https://pypi.org/project/uncompyle6/#fi`. The page header includes a search bar, "Help", "Donate", "Log in", and "Register" links. The main content area features the package name "uncompyle6 3.2.3" in large text, a green "Latest version" badge, and a "Last released: Jun 13, 2018" timestamp. Below this is a code block containing `pip install uncompyle6` and a copy icon. The page is described as a "Python cross-version byte-code decompiler".

The page is divided into two main sections: "Navigation" and "Download files".

Navigation

- [Project description](#)
- [Release history](#)
- [Download files](#)

Download files

Download the file for your platform. If you're not sure which to choose, learn more about [installing packages](#).

Filename, size & hash ?	File type	Upload date
...

Download uncomplye6 to Kali Linux

- Find the file which matches Python version 2.7
- Select the Wheel file to download:

uncomplye6-3.2.3-py27-none-any.whl

The screenshot shows a Kali Linux virtual machine window titled "Kali-Linux-2018.1-vbox-amd64 (Snapshot Old Kali Linux 20181010) [Running] - Oracle VM VirtualBox". Inside the VM, a Firefox browser window is open to the PyPI page for "uncomplye6". The page shows navigation options like "Project description", "Release history", and "Download files". A "Download files" button is highlighted. Below, there are "Project links" and "Statistics" sections. A table of download files is visible, with the selected file being "uncomplye6-3.2.3-py27-none-any.whl (206.7 kB)". A Firefox dialog box is open over the table, titled "Opening uncomplye6-3.2.3-py27-none-any.whl". The dialog asks "What should Firefox do with this file?" and has "Save File" selected. The "Do this automatically for files like this from now on" checkbox is unchecked. The "OK" button is highlighted.

Filename, size & hash	Format	Date
uncomplye6-3.2.3-py2.4.egg	Egg	Jun 13, 2018
uncomplye6-3.2.3-py2.5.egg	Egg	Jun 13, 2018
uncomplye6-3.2.3-py2.6.egg	Egg	Jun 13, 2018
uncomplye6-3.2.3-py26-none-any.whl (206.7 kB)	Wheel	Jun 13, 2018
uncomplye6-3.2.3-py2.7.egg (416.3 kB)	Egg	Jun 13, 2018
uncomplye6-3.2.3-py27-none-any.whl (206.7 kB)	Wheel	Jun 13, 2018
uncomplye6-3.2.3-py3.2.egg (423.1 kB)	Egg	Jun 13, 2018
uncomplye6-3.2.3-py32-none-any.whl (206.7 kB)	Wheel	Jun 13, 2018
uncomplye6-3.2.3-py3.4.egg (423.7 kB)	Egg	Jun 13, 2018

```
File Edit View Search Terminal Help
root@kali:~/Downloads
root@kali:~# uncomplye6 --version
bash: uncomplye6: command not found
root@kali:~# python --version
Python 2.7.14+
root@kali:~# cd Downloads/
root@kali:~/Downloads# ls -lrt
total 8042380
-rw-r--r-- 1 root root 4500756826 Apr 15 2018 crackstation.txt.gz
-rw-r--r-- 1 root root 3734419456 Oct 3 19:34 kali-linux-2018.3-vbox-amd64.ova
-rw-r--r-- 1 root root 206713 Oct 17 12:30 uncomplye6-3.2.3-py27-none-any.whl
root@kali:~/Downloads#
```

Check your Downloads directory for uncomplye6 install file

- Navigate to your Downloads directory
- Check for .whl file

Check to see if
uncompyle6
has installed

- Type:
uncompyle6 --version

```
root@kali: ~/Downloads
File Edit View Search Terminal Help
root@kali:~# cd Downloads/
root@kali:~/Downloads# ls -lrt
total 8042380
-rw-r--r-- 1 root root 4500756826 Apr 15 2018 crackstation.txt.gz
-rw-r--r-- 1 root root 3734419456 Oct 3 19:34 kali-linux-2018.3-vbox-amd64.ova
-rw-r--r-- 1 root root 206713 Oct 17 12:30 uncompyle6-3.2.3-py27-none-any.whl
root@kali:~/Downloads# pip --version
pip 9.0.1 from /usr/lib/python2.7/dist-packages (python 2.7)
root@kali:~/Downloads# pip install uncompyle6-3.2.3-py27-none-any.whl
Processing ./uncompyle6-3.2.3-py27-none-any.whl
Collecting xdis<3.9.0,>=3.8.4 (from uncompyle6==3.2.3)
  Downloading https://files.pythonhosted.org/packages/c1/50/8ac434ea297725eb80232543c937587c367e9a9db2ce89db52d576c4426a/xdis-3.8.7-py27-none-any.whl (85kB)
    100% |#####| 92kB 3.6MB/s
Collecting spark-parser<1.9.0,>=1.8.5 (from uncompyle6==3.2.3)
  Downloading https://files.pythonhosted.org/packages/71/83/1c351e3de0dce6b9a1c7afb222f48f2acfd635927ca7936cd2228b8b6ed/spark_parser-1.8.7-py2-none-any.whl
Requirement already satisfied: click in /usr/lib/python2.7/dist-packages (from spark-parser<1.9.0,>=1.8.5->uncompyle6==3.2.3)
Installing collected packages: xdis, spark-parser, uncompyle6
Successfully installed spark-parser-1.8.7 uncompyle6-3.2.3 xdis-3.8.7
root@kali:~/Downloads# uncompyle6 --version
uncompyle6 3.2.3
root@kali:~/Downloads#
```

Run uncompile6

- To decompile a .pyc file, type:
uncompile6 <filename>.pyc

```
root@kali: ~/Desktop/2018 NCL Gym
File Edit View Search Terminal Help
-rw-rw-rw- 1 root root 732 Oct 8 22:24 PYTHON2.pyc
-rw-rw-rw- 1 root root 808 Oct 11 09:28 PYTHON3.PY
-rw-rw-rw- 1 root root 641 Oct 11 10:43 PYTHON3.pyc
-rw-rw-rw- 1 root root 8997 Oct 9 09:55 RE1_64bit
-rwxrwxrwx 1 root root 9223 Oct 9 14:26 RE2_64bit
-rw-rw-rw- 1 root root 169103 Oct 10 09:21 STEG1.jpg
-rw-rw-rw- 1 root root 924174 Oct 10 09:21 STEG2.bmp
-rw-rw-rw- 1 root root 1370874 Oct 10 09:21 STEG3.bmp
-rw-rw-rw- 1 root root 2764854 Oct 10 09:22 Steg4.bmp
drwxrwxrwx 3 root root 4096 Oct 12 07:55 tables
root@kali:~/Desktop/2018 NCL Gym# uncompile6 PYTHON2.pyc
# uncompile6 version 3.2.3
# Python bytecode 2.7 (62211)
# Decompiled from: Python 2.7.15 (default, Jul 28 2018, 11:29:29)
# [GCC 8.1.0]
# Embedded file name: NCL-2015-Python2.py
# Compiled at: 2015-11-12 14:43:01
import sys

def main():
    if len(sys.argv) != 2:
        print 'Invalid args'
        return
    password = sys.argv[1]
    counter = 0
    vals = list('tfzbwlyzljylawhzzdvk')
    if len(password) != len(vals):
        print 'incorrect'
        return
    while counter < len(password):
        x = ord(password[counter]) + 7
        if x > ord('z'):
            x -= 26
        if chr(x) != vals[counter]:
            print 'incorrect'
            return
        counter += 1

    print 'correct'
```