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# Python MSS

*Release latest*

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**Jun 02, 2026**



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```
from mss import MSS

# The simplest use, save a screenshot of the 1st monitor
with MSS() as sct:
    sct.shot()
```

An ultra fast cross-platform multiple screenshots module in pure python using ctypes.

- **Python 3.10+**, **PEP 8** compliant, no dependency, thread-safe;
- very basic, it will grab one screenshot by monitor or a screenshot of all monitors and save it to a PNG file;
- but you can use PIL and benefit from all its formats (or add yours directly);
- integrate well with Numpy and OpenCV;
- it could be easily embedded into games and other software which require fast and platform optimized methods to grab screenshots (like AI, Computer Vision);
- get the [source code on GitHub](#);
- learn with a [bunch of examples](#);
- you can [report a bug](#);
- need some help? Use the tag *python-mss* on [Stack Overflow](#);
- **MSS** stands for Multiple ScreenShots;

Content

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CHAPTER  
ONE

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INSTALLATION

## 1.1 Recommended Way

Quite simple:

```
$ python -m pip install -U --user mss
```

### 1.1.1 Conda Package

The module is also available from Conda:

```
$ conda install -c conda-forge python-mss
```

## 1.2 From Sources

Alternatively, you can get a copy of the module from GitHub:

```
$ git clone https://github.com/BoBoTiG/python-mss.git  
$ cd python-mss
```

And then:

```
$ python setup.py install --user
```

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CHAPTER  
TWO

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USAGE

## 2.1 Import

MSS can be used simply as:

```
from mss import MSS  
  
with MSS() as sct:  
    # ...
```

For compatibility with existing code, `mss.mss()` is still available in 10.2, but deprecated:

```
import mss
```

```
2with mss.mss() as sct: # Deprecated in 10.2  
    # ...
```

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For compatibility with existing code, platform-specific class names are also still available in 10.2:

```
# GNU/Linux
```

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