Python MSS

Release latest

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```python
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 3.9+**, **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;

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CHAPTER ONE

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
```

CHAPTER TWO

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

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

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

```
# GNU/Linux
```

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