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# **xinput Documentation**

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<b>1 Prerequisites</b>	<b>3</b>
<b>2 Installation</b>	<b>5</b>
<b>3 Usage examples</b>	<b>7</b>
3.1 Command-line . . . . .	7
3.2 Programmatically . . . . .	7
<b>4 License</b>	<b>9</b>
<b>5 Support</b>	<b>11</b>
<b>6 Author</b>	<b>13</b>
<b>7 Documentation!</b>	<b>15</b>
7.1 xinput Package . . . . .	15
<b>8 Indices and tables</b>	<b>17</b>
<b>Python Module Index</b>	<b>19</b>



Enable/disable xinput devices (for example, a touchpad) from terminal or using the API.



## **Prerequisites**

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- Python 2.6.8+, 2.7.+ , 3.3.+



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## Installation

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Latest stable version from PyPI.

```
$ pip install xinput
```

Latest stable version from bitbucket.

```
$ pip install -e hg+https://bitbucket.org/barseghyanartur/xinput@stable#egg=xinput
```

Latest stable version from github.

```
$ pip install -e git+https://github.com/barseghyanartur/xinput@stable#egg=xinput
```



### Usage examples

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First argument represents device state (0 for disable and 1 for enable). Second argument represents device name.

By default we operate with *Synaptics TouchPad* but it's possible to have custom device names.

After installation you should be able to disable/enable touchpad by typing “disable-touchpad” or “enable-touchpad” commands in your terminal.

## 3.1 Command-line

To enable Synaptics TouchPad, type in terminal:

```
$ xinput-manage 1 Synaptic TouchPad
```

To disable Genius Optical Mouse, type in terminal:

```
$ xinput-manage 0 Genius Optical Mouse
```

There are also shortcuts for enabling/disabling the touchpad.

Type the following in terminal to disable the touchpad:

```
$ disable-touchpad
```

Type the following in terminal to enable the touchpad:

```
$ enable-touchpad
```

## 3.2 Programmatically

```
>>> from xinput import operate_xinput_device, MODE_ENABLE, DEVICE_NAME_SYNAPTIC, MODE_DISABLE
>>> operate_xinput_device(MODE_DISABLE, DEVICE_NAME_SYNAPTIC)
>>> operate_xinput_device(MODE_ENABLE, DEVICE_NAME_SYNAPTIC)
```



## **CHAPTER 4**

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### **License**

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GPL 2.0/LGPL 2.1



## **Support**

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For any issues contact me at the e-mail given in the *Author* section.



## CHAPTER 6

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### Author

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## Documentation!

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Contents:

## 7.1 xinput Package

### 7.1.1 xinput Package

```
xinput.__init__.operate_xinput_device(mode=None, device_name=None, verbosity=0)  
Operates touchpad.
```

#### Parameters

- **mode** (*str*) –
- **device\_name** (*str*) –

### 7.1.2 operate\_xinput\_device Module

```
xinput.operate_xinput_device.operate_xinput_device(mode=None, device_name=None,  
                                                 verbosity=0)  
Operates touchpad.
```

#### Parameters

- **mode** (*str*) –
- **device\_name** (*str*) –

### 7.1.3 tests Module

```
class xinput.tests.XinputTest(methodName='runTest')  
Bases: unittest.case.TestCase  
Tests.  
setUp()  
    Set up.  
test_01_xinput_operate_command(*args, **kwargs)  
test_02_xinput_disable_touchpad_command(*args, **kwargs)
```

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```
test_03_xinput_enable_touchpad_command(*args, **kwargs)
test_04_xinput_api(*args, **kwargs)
xinput.tests.print_info(func)
    Prints some useful info.
```

## Indices and tables

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- *genindex*
- *modindex*
- *search*



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`xinput.__init__`, 15  
`xinput.operate_xinput_device`, 15  
`xinput.tests`, 15