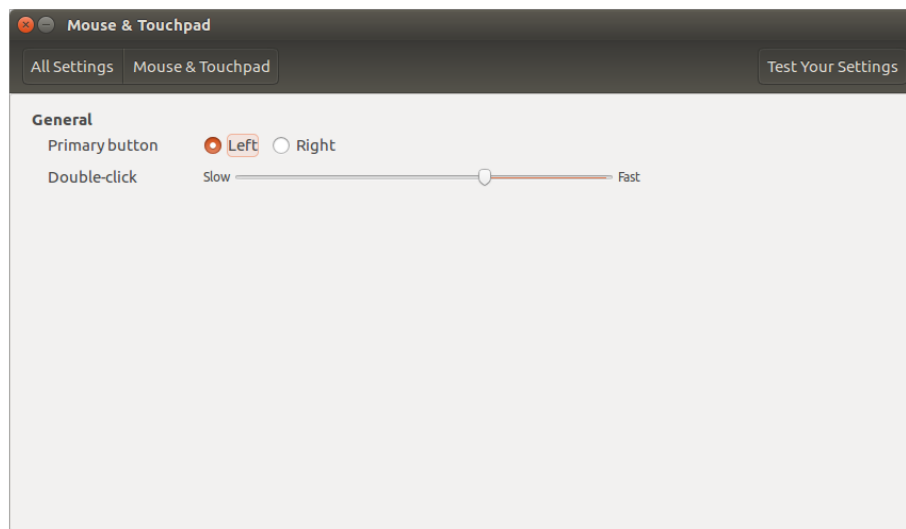# Fix Mouse Sensitivity in Ubuntu 16.04

November 13th, 2016   👁 **62,957**

After installation of Ubuntu Desktop 16.04, a nasty surprise awaits you. Mouse is very sensitive (practically unusable) in most systems with wireless mouse. Probably, this will not happen in systems with old wired mouse. Trying to fix mouse sensitivity, using System Settings → Mouse and Touchpad, you will see that it is not possible:

(click the thumb for full image)

Fortunately, there is an easy way to fix it, using **xset** (user preference utility for X).

Using `man xset` you will find the settings for mouse:

> The m option controls the mouse parameters; it may be abbreviated to 'm'. Of course, it applies to most pointing devices, not just mice. The parameters for the pointing device are `acceleration' and `threshold'. The acceleration can be specified as an integer, or as a simple fraction. Threshold is just an integer. The

> setting is applied to all connected pointing devices. xin- put(1) should be used if you need device-specific settings.

Open a terminal and give:

```
1 | xset m 1/2 8
```

You can experiment with these values. Thus, your system might be more suited to:

```
1 | xset m 1/2 4
```

To reset default values:

```
1 | xset m default
```

That's it! The mouse is working perfectly now.

Make this change permanent

Of course, you want to make this change permanent (otherwise, you have to make it in every login). So, with your favorite editor (*nano* in my case), create the file:
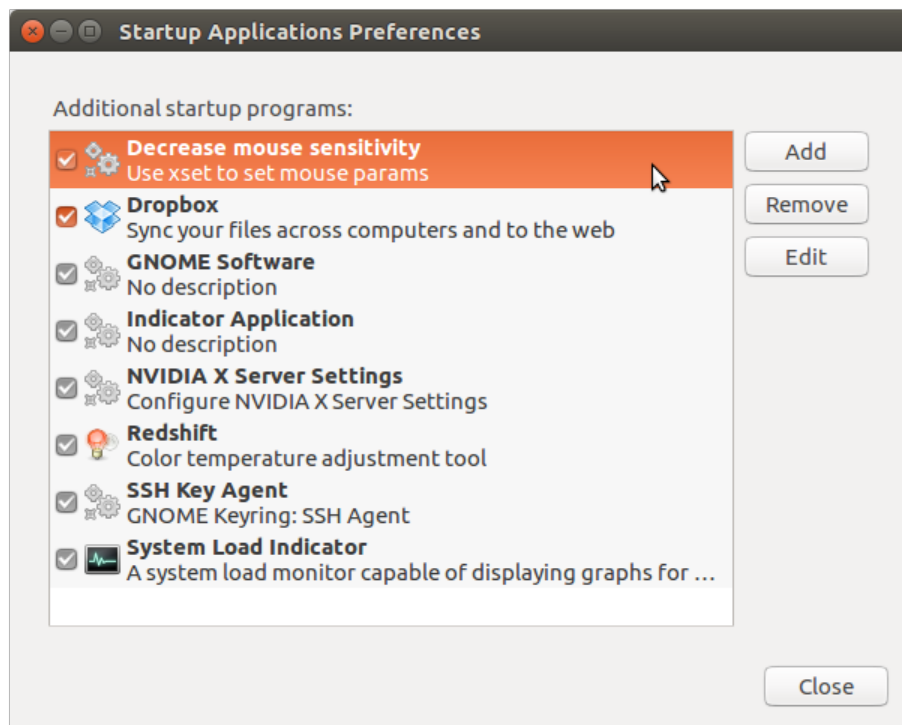
```
1 | nano ~/.config/autostart/mouse.desktop
```

with the following contents

```
1 | [Desktop Entry]
2 | Name=Decrease mouse sensitivity
3 | Exec=xset m 1/2 8
4 | Type=Application
5 | Comment[en_US]=Use xset to set mouse params
6 | Comment=Use xset to set mouse params
```
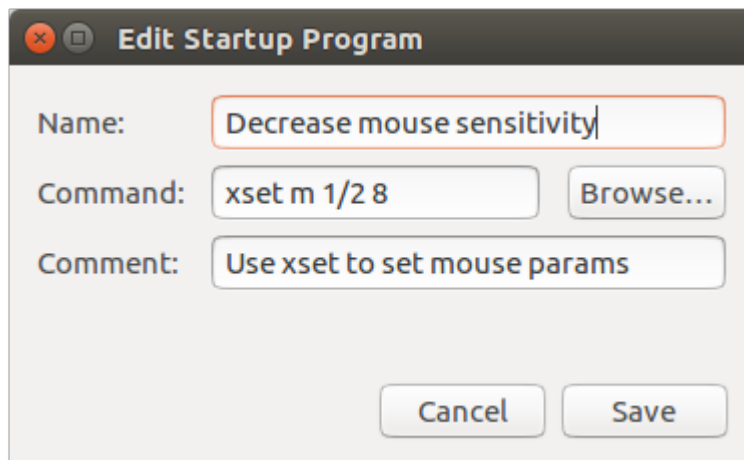
That's it.

To test your changes, logoff and in next login use the **Dash** to select Startup Apllications. You will see something like this:

(click the thumb for full image)

and if you press Edit

(click the thumb for full image)

If you prefer, you may use Startup Applications interface to create the above startup preference without using command line.

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