

# i3wm

improved tiling window manager

#### Overview

- 1. What is a Window Manager?
- 2. Desktop Environments
- 3. Types of Window Managers
- 4. Why should we care?
- 5. Getting i3 Installed
- 6. Practical examples
  - a. Config Files
  - b. Usage and more!

#### What is a Window Manager?

System software that controls the placement and appearance of windows within a windowing system in a graphical user interface (GUI).

It can be part of a desktop environment (DE) or be used standalone.

#### **Desktop Environments**

Windows 7 Aero
Windows 8 Modern
Mac OS X Aqua

And for Linux.... Unity, KDE, XFCE, LXDE, Cinnamon, Pantheon and more.

### Stacking/Floating Window Managers

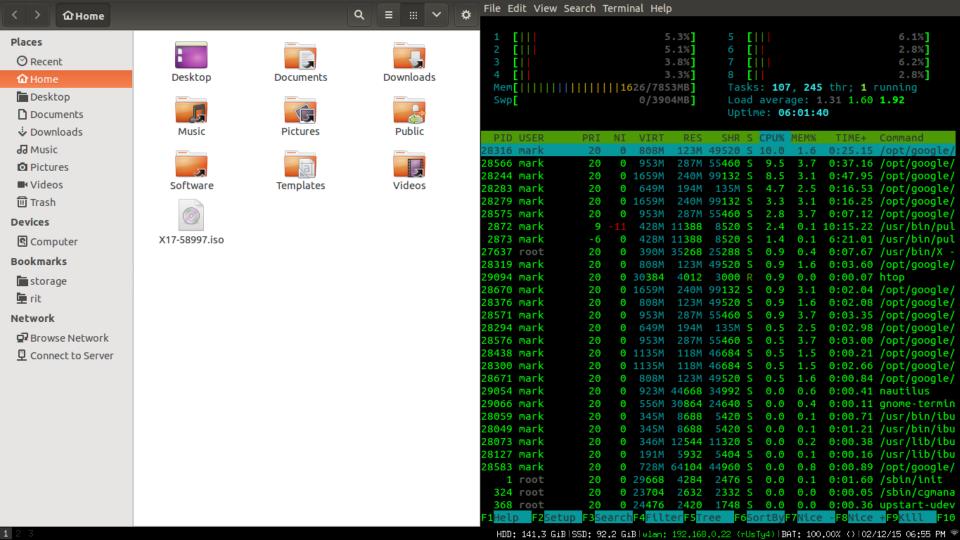
Provide the traditional desktop metaphor used in commercial operating systems like Windows and OS X. Windows act like pieces of paper on a desk, and can be stacked on top of each other

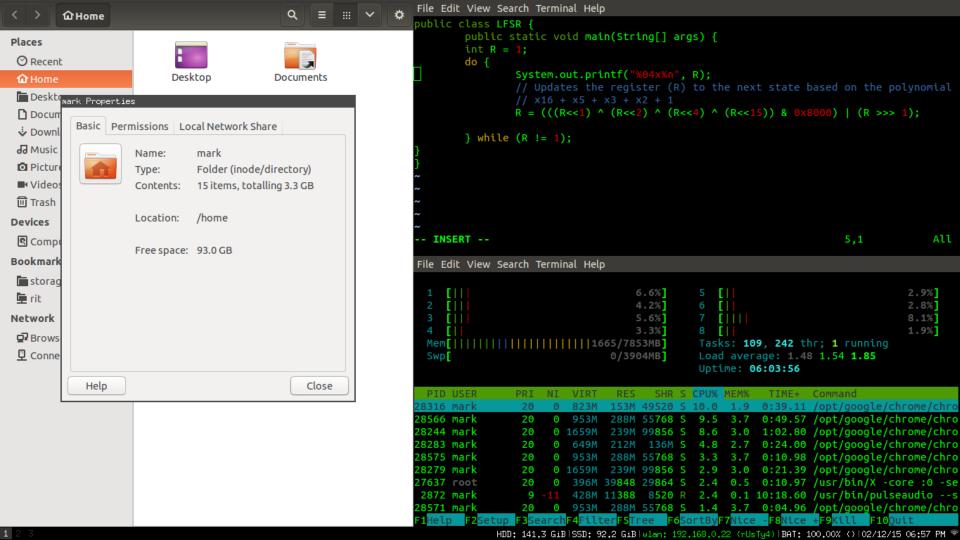
Enlightenment, Fluxbox, Metacity, Openbox

#### **Tiling Window Managers**

Windows are laid out as "tiles" so that none are overlapping. They usually make very extensive use of keybindings and have less (or no) reliance on the mouse. Tiling window managers may be manual, offer predefined layouts, or both.

i3, xmonad, Ratpoison, Bspwm





#### Why should I care?

Improve the speed of your workflow

Good use of screen real estate

Improve game performance

Great multi monitor support

#### **Getting i3 Installed**

Using whatever package manager your distro provides install the package 'i3' or 'i3wm'

sudo apt-get install i3

The above will work fine in Ubuntu/Debian

## But isn't Ubuntu just Unity?!

Turns out, no.

### i3 - How do I do.... things?

That depends on your configuration file and what helper programs you decide to use!

Lets take a look at my personal setup!

#### Helpful Resources

Subreddit: <a href="http://www.reddit.com/r/i3wm">http://www.reddit.com/r/i3wm</a>

Website: <a href="https://i3wm.org/">https://i3wm.org/</a>

FAQS: <a href="https://faq.i3wm.org/questions/">https://faq.i3wm.org/questions/</a>

Github: <a href="https://github.com/i3/i3">https://github.com/i3/i3</a>