

# Introduction to wmi+ruby

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# Overview

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- What it is and what it is not
- Concepts
- Usage
- Wrap up

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# What is wmii

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## □ Features

- dynamic window manager
- various window management modes (floating, panel, etc)
- window tagging

## □ Also...

- menu bar with status widgets
- plug-in support
- plan9 filesystem for configuration
- fully scriptable
- small codebase, small footprint, low overhead

# What is not in wmii

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- no workspace paradigm
- no icons
- no traditional desktop
- no conventional program menus
- no rodent required
- no wobbly windows

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# Window tagging

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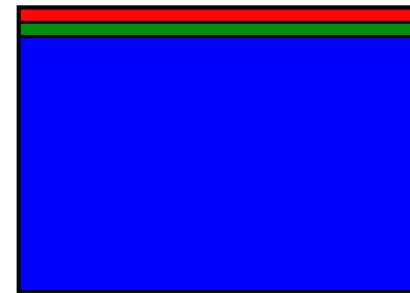
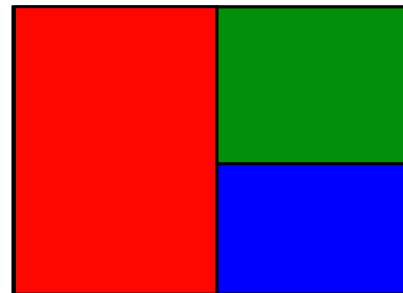
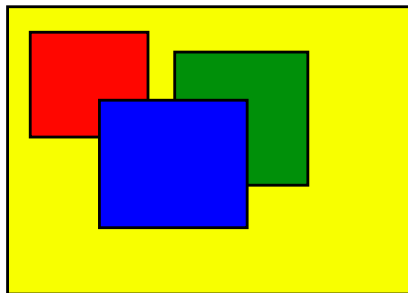
- a window has one or multiple tags
- a tag is any word (for example work or web)
- only windows in active tag are shown (a view)
  
- windows can have multiple geometries, one per tag
  
- tags can be changed at any time
- tags can be automatically assigned

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# Window management modes

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- Classic windows (floating)
- Fully maximized windows
- Paneled windows (like vim/emacs/konq splits)
- Stacked windows



# Using wmii - basics

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## □ Starting programs

MOD-Enter            - start a new xterm

"X is only useful for opening up multiple xterms at once"

MOD-p                - run a program

MOD-a                - run a wmiirc action

tag name	window title	act/tot

## □ Switching between programs

MOD-j                - switch focus to window above

MOD-k                - switch focus to window below

# Using wiii - movement

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K

H

L

J

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# Using wmii - columns

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MOD-Shift-h

- move window to column on the left

MOD-Shift-l

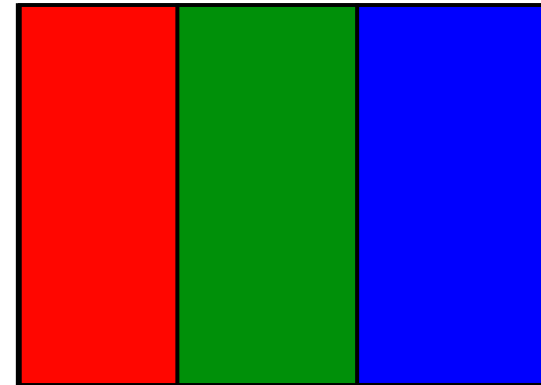
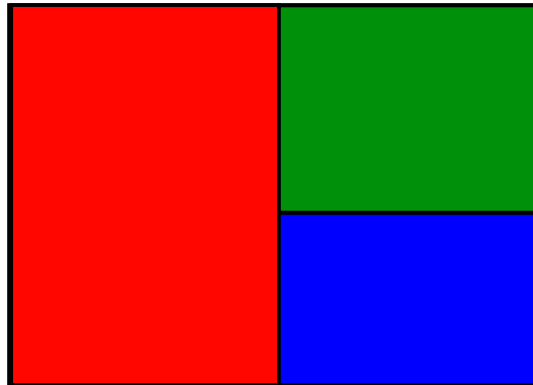
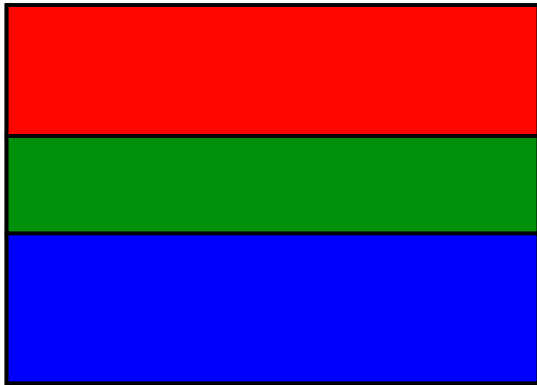
- move window to column on the right

MOD-h

- switch focus to column on the left

MOD-l

- switch focus to column on the right



# Using wmii - layouts

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## □ Managed layout

MOD-d - default layout (panels or splits)

MOD-s - stacking layout

MOD-m - maximized layout

## □ Floating layout

MOD-Space - toggle floating layer

MOD-Shift-Space - toggle window between floating & managed layers

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# Using wmii - tags

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MOD-Number - switch to tag index

MOD-Shift-Number - set window tag to that of index

MOD-Shift-r - retag current window



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# Using wmii - extras

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- MOD-Shift-c - kill the program of the focused window
- MOD-, - go to the view on the left
- MOD-. - go to the view on the right
- MOD-r - cycle between the current and last view (tag)
- MOD-Minus - walk through view history backwards
- MOD-Plus - walk through view history forwards
- MOD2-Space - disable wmii event processing
- MOD-Control-y - run a program for a specified tag

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# wmii event processing

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- wmiirc
  
- default: shell
  - written in bash
  - limited functionality
  - easy to extend
  - relatively slow
- improved: libixp
  - designed to overcome some costs of above
- ultimate: wmii+ruby
  - noticeably faster
  - community supported
  - expendable with plugins

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# wmii install

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## □ Install takes 5 minutes

```
apt-get install darcs wmii libhttp-access2-ruby1.8
darcs get http://eigenclass.org/repos/ruby-wmii/head wmii+ruby
cd wmii+ruby
ruby install.rb
```

## □ Configuration

```
vim ~/.wmii-3/wmiirc-config.rb
```

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# resources

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**wmii official site**

`http://wmii.suckless.org/`

**wmii+ruby official site**

`http://eigenclass.org/hiki.rb?wmii+ruby`

**my blog**

`http://www.jukie.net/~bart/blog/tag/wmii`

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questions

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