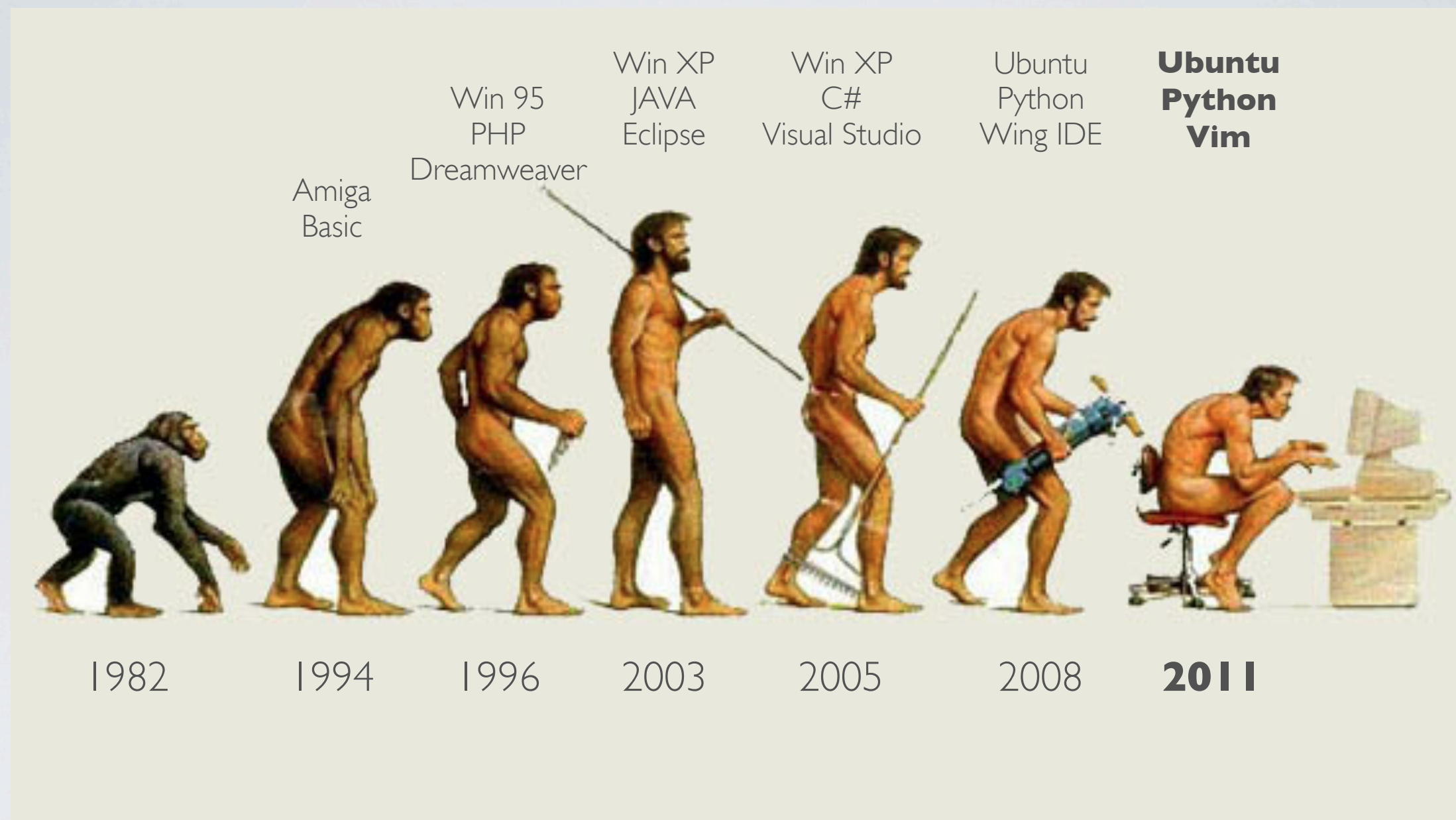


# VIM AS A PYTHON IDE

It's much easier than you think

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# WHERE DO I COME FROM?



# WHY SHOULD YOU CARE?

- Cross platform
- Standard on most systems
- Very fast
- It's good for your health (HJKL movement)
- Highly customizable
- Great for pair programming
- Work anywhere, anytime
- Change jobs, keep tools

# WHAT MAKES AN IDE?

- Fast access to all files
- Color scheme
- Syntax highlighting
- Static code analysis
- Code completion
- Go to definition
- Refactoring
- Debugging

# TOPICS

1. How to install Vim
2. Your first .vimrc
3. Install your plugins
4. Pair Programming



# I. HOW TO INSTALL VIM

*# Prerequisites:*

*# (Ubuntu) sudo apt-get build-dep vim*

*# (OSX) Command Line Tools for Xcode*

```
$ hg clone https://vim.googlecode.com/hg/ vim
```

```
$ cd vim/src
```

```
$ ./configure --enable-pythoninterp --with-features=huge --prefix=$HOME/opt/vim
```

```
$ make && make install
```

```
$ mkdir -p $HOME/bin
```

```
$ cd $HOME/bin
```

```
$ ln -s $HOME/opt/vim/bin/vim
```

```
$ which vim
```

```
$ vim --version
```

*# on Ubuntu:*

```
$ sudo apt-get install gtk2-engines-pixbuf
```

## 2. YOUR FIRST .VIMRC

```
5 " Better copy & paste (does not work on OSX)
6 set pastetoggle=<F2>
7 set clipboard=unnamed
8
9
10 " Mouse and backspace
11 set mouse=a " on OSX press ALT and click
12 set bs=2 " make backspace behave like normal again
13
14
15 " Rebind <Leader> key
16 let mapleader = ","
17
18
19 " Quicksave command
20 noremap <C-Z> :update<CR>
21 vnoremap <C-Z> <C-C>:update<CR>
22 inoremap <C-Z> <C-O>:update<CR>
23
24
25 " Quick quit command
26 noremap <Leader>e :quit<CR>
27
28
29 " bind Ctrl+<movement> keys to move around the windows, instead of using
30 map <c-j> <c-w>j
31 map <c-k> <c-w>k
32 map <c-l> <c-w>l
33 map <c-h> <c-w>h
34
35
36 " easier moving between tabs
37 map <Leader>n <esc>:tabprevious<CR>
38 map <Leader>m <esc>:tabnext<CR>
39
40
41 " easier moving of code blocks
42 vnoremap < <gv " better indentation
43 vnoremap > >gv " better indentation
44
45
46 " Show whitespace
47 " MUST be inserted BEFORE the colorscheme command
48 autocmd ColorScheme * highlight ExtraWhitespace ctermfg=red guifg=red
49 au InsertLeave * match ExtraWhitespace /\s\+$/
50
51
52 " Color scheme
53 set t_Co=256
54 color wombat256mod
55
56
57 " Enable syntax highlighting
58 " You need to reload this file for the change to apply
59 filetype off
```

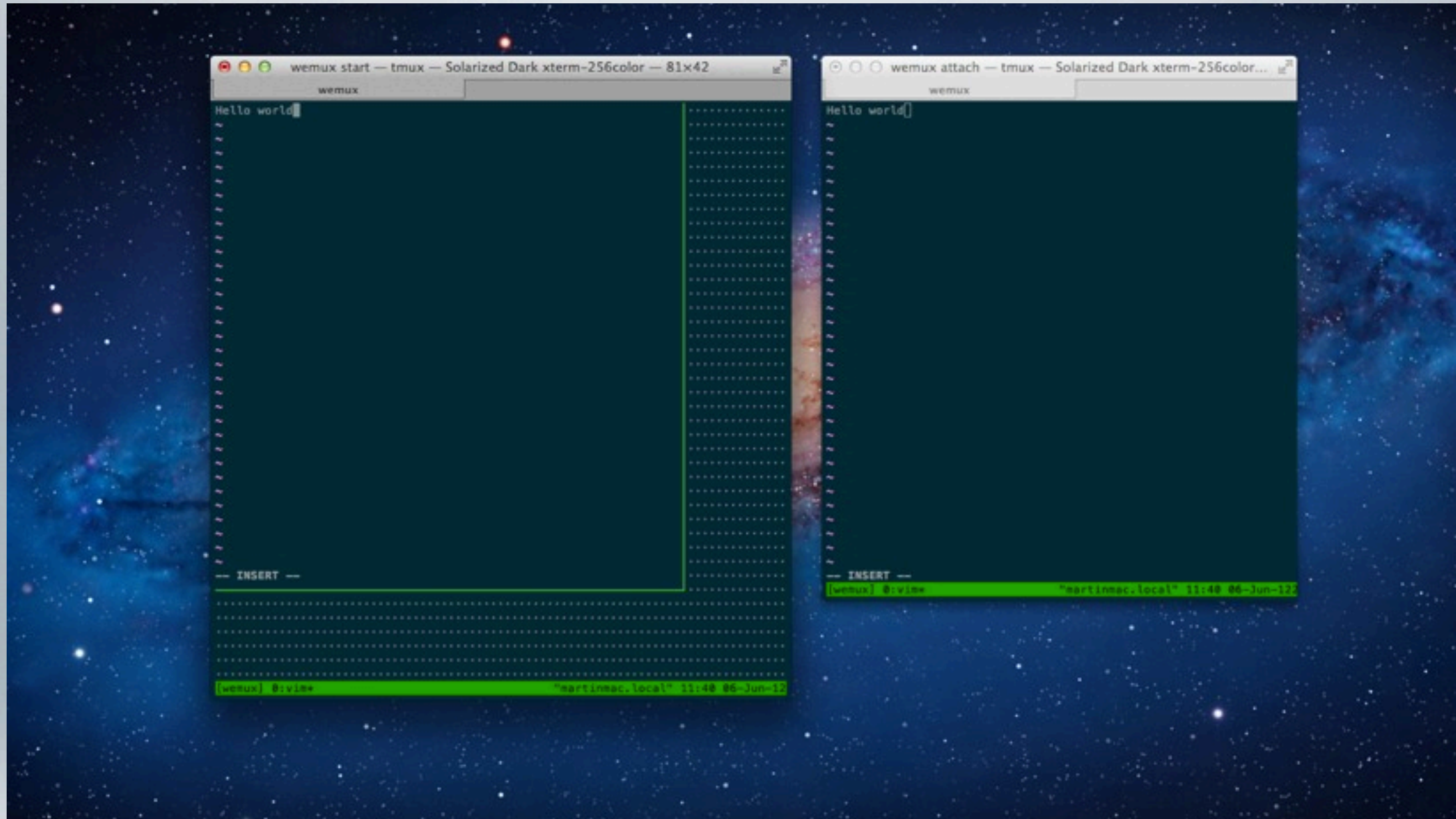
- Start from scratch
- Get inspired: [vimbits.com](http://vimbits.com)
- Steal whatever you need
- Ask others (#vim)
- save your .vimrc on GitHub



# 3. INSTALL YOUR PLUGINS

- vim-powerline  
(<https://github.com/Lokaltog/vim-powerline>)
- python-mode  
(<https://github.com/klen/python-mode>)
- ctrlp.vim  
(<https://github.com/kien/ctrlp.vim>)
- python\_editing  
([http://www.vim.org/scripts/script.php?script\\_id=1494](http://www.vim.org/scripts/script.php?script_id=1494))

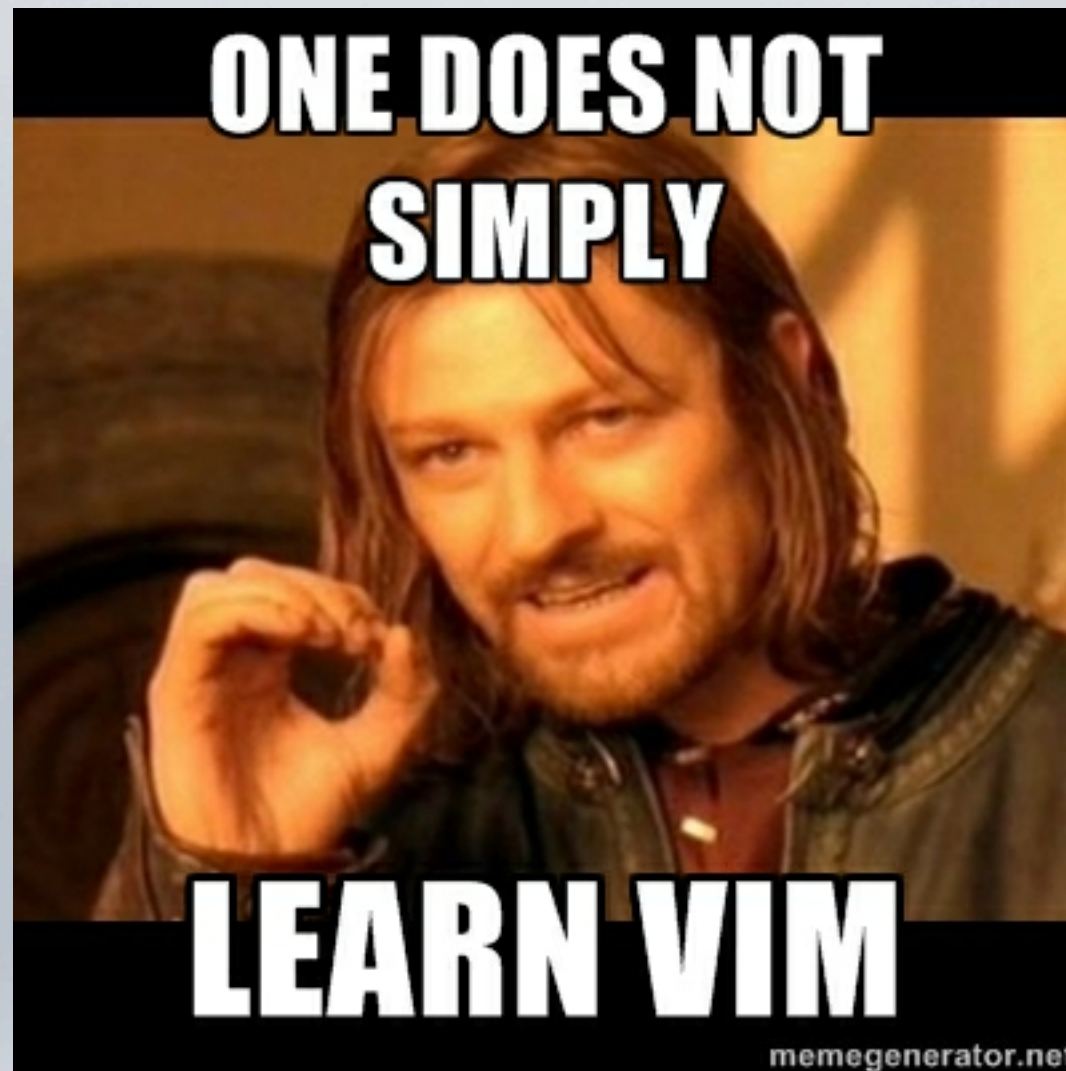




## 4. PAIR PROGRAMMING

<http://martinbrochhaus.com/2012/05/pair.html>





THANK YOU

(<https://github.com/mbrochh/vim-as-a-python-ide>)

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