13 Vim plugins I use every day

VimConf 2019
Tatsuhiro Ujihisa
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Abstract
I'm going to talk about how I use these plugins to be able to write code effectively as a professional programmer.

- quickrun
- vimshell
- deoplete (+neosnippet)
- unite (+neomru)
- tabpagecd
- lexima
- open-browser
- fontzoom
- gina
- nclipper
- surround
- caw
- cursorword
Abstract (CORRECTED)
I'm going to talk about **how I code** with the plugins I use.
Vim Renaissance in Medieval era

Like Friedrich II.,
(Frederick II, Holy Roman Emperor)
Hi!
- Vancouver, BC, Canada
- Vim user for over 21 years

- VimConf original founder
  - (ujihisa.vim 9 years ago)
  - It's my 5th VimConf speech this time
- vital.vim original author
- Some patches to Vim core
- Many patches to many Vim plugins
Quipper

Education technology company

Japan, Indonesia, Philippines, and Mexico

My projects

- Ruby on Rails, Elixir, Go

Working from Vancouver (special contract)

- Pair-programming every day with Vim
Speakers from Quipper

- Quipper Education technology company
  - Japan, Indonesia, Philippines, and Mexico

My projects
- Ruby on Rails, Elixir, Go

Working from Vancouver (special contract)
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Bringing the Best Education to Every Corner of the World
VISION
VimConf 2018 (last year)

"Modes" by ujihisa

- Vim core C implementation (live)
VimConf 2019 (this year)

"13 Vim plugins I use every day" by ujihisa

- I code.
- I show plugins when I use.
VimConf 2019 (this year)

"13 Vim plugins I use every day" by ujihisa

● I code.
  ○ A random Ruby project
    ○ (Ruby because recently I code Ruby more often than Elixir, Go, Scala, or Clojure)
    ○ (Not Vim script because you get confused by the target to implement and the tool to implement for this such short talk.)

● I show plugins when I use.
Something super easy

an HTTP server

http://localhost:3000/ujihisa

responds "hello ujihisa"

that's it

(Use Sinatra RubyGems library for server)
fontzoom

- Alt--, Alt-= to change the font size (GVim)
vimshell

https://github.com/Shougo/vimshell.vim

- Shougo's 2nd oldest Vim plugin. DEPRECATED and cont'd to Deol.nvim.
- Shell implementation in Vim script (Not bash or zsh)

- My Vim starts with VimShell
  - VimShell is my shell for everything
Vim way

:help design-not

(Sited from Justin's keynote slides)

-- Vim is not a shell or an Operating System. You will not be able to run shell inside Vim or use it to control a debugger. This should work the other way around: Use Vim as a component from a shell or in an IDE.

+ Vim is not a shell or an Operating System. It does provide a terminal window, in which you can run a shell or debugger. E.g. to be able to run this over an ssh connection. But if you don't need a text editor with it is out of scope (use something like screen or tmux instead).
tabpagecd

https://github.com/kana/vim-tabpagecd

- :cd considers current Tab

- 1 tab = 1 project
- Shows shortened directory names
  - https://github.com/ujihisa/config/blob/master/_gvimrc#L108

See also:
https://github.com/ujihisa/tabpagecolorscheme
quickrun

https://github.com/thinca/vim-quickrun

- "Run command quickly"
- This has replaced REPL for any programming languages completely for me
  
  "I don't REPL. I just quickrun it."

- `<Space>r` to run the current buffer even without saving it to file
  
  (Default: `<Leader>r`)
deoplete (+ neosnippet)

https://github.com/Shougo/deoplete.nvim

- Shougo's 3rd gen auto-completion

- Great with VimShell
- Great with neosnippet

https://github.com/Shougo/neosnippet.vim

- (DEPRECATED)
FAQ

- Why do I still use DEPRECATED Shougo's plugins?
- A. I'm going to switch after listening to Shougo's talk.
unite (+ neomru)

https://github.com/Shougo/unite.vim

- Select something and do something
- Really powerful. Platform.
- DEPRECATED. Cont'd to Denite

- Great with VimShell + deoplete
- Great with many unite plugins
lexima

Contextual insert mode key mapping

- Can be use also at VimShell
- Can be use also at CmdWin

VimShell

\ → ~/ → \n
Ruby

"{{ → "#{

jlj → <esc>
open-browser

- I assign Alt-o
gina

- git add, git commit,
  git diff, git push
- Most of git manipulations

- (I still use VimShell git commands directly too)
nclipper

- I'm a **set number** person
- nclipper can copy with line numbers

- Easier way to share your code to friends/coworkers quickly

```ruby
3 get '/' do
4   name = params[:name]
5   "Hello #{name}"
6 end
```
13 Vim plugins
I use every day

Thanks!

Uji