

13 Vim plugins I use every day

VimConf 2019
Tatsuhiko Ujihisa

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Within
15 min

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.

```
altr          agit.vim      aldmeris      asterisk      ansible-yaml
caw.vim       calendar.vim coffee-script  colors-pencil  autodirmake.vim
cruby        colors-solarized  concealedyank.vim  Colour-Sampler-Pack  context_filetype.vim
elixir       deol.nvim     cursorword    deplete.nvim  filetype-haskell
fontzoom     ft-cmake     ft-mongo     gina.vim     groovyindent  game-code-break
go           ghcmmod     haskell.vim  incsearch.vim  game_engine.vim
iferr       J6uil.vim   lexima.vim   linediff.vim  hug-neovim-rpc
ltsv        jplus       metaffer     mario.vim    javaclasspath
neco        monokai     neochat.vim  neobundle.vim  nclipper.vim
neco-ghc    neco-syntax  neopairs.vim  neoclojure.vim  neobundle-vim-recipes
neomru.vim  neosnippet  open-browser.vim  neosnippet-snippets  neoinclude.vim
office     nvim-yarp   operator-user  operator-replace  neverland-vim-theme
poslist    perfect.vim  quicklearn   prettyprint   papercolor-theme
puyo.vim   quickrun    rengbang     ref-hoogle    Rainbow-Parenthesis-Bundle
ref        ref-ri      scala        showtime     reversi.vim
ruby       sexp       tabpagecd    textobj-markdown  smartchr
sudo.vim   surround   textobj-wiw  textobj-user  tabpagebuffer.vim
themis     translua   unite-build  unite-colorscheme  textobj-syntax
typescript unite-giti  unite-history  unite-javaimport  unite-haskellimport
unite-help unite-locate  unite.vim     unite-outline   unite-include-reversed
vimerl     unite-ssh  vimproc     vimshell      unite-ruby-require.vim
vimlint    vimport    zenesque.vim  vimlparser
```

Vim Renaissance in Medieval era

Like Friedrich II.,
(Frederick II, Holy Roman Emperor)

ujihisa

- 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

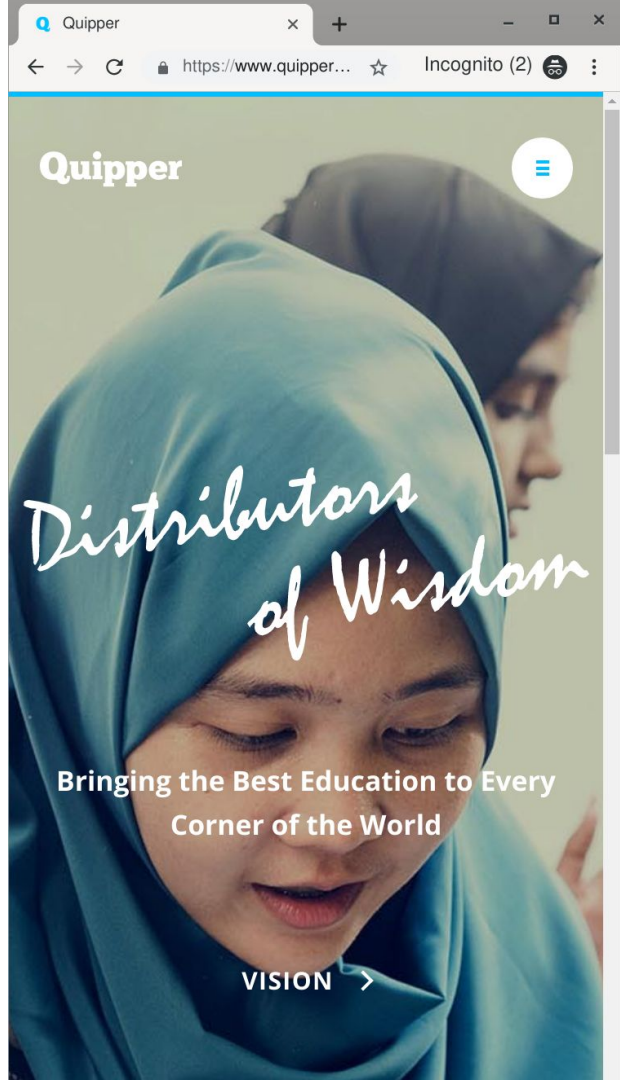
Japan, Indonesia, Philippines, and Mexico

My projects

- Ruby on Rails, Elixir, Go

Working from Vancouver (special contract)

- Pair-programming every day with Vim



Speakers from Quipper

Company



Working from Vancouver

- Pair-programming with Vim



Bringing the Best Education to Every Corner of the World



VISION >

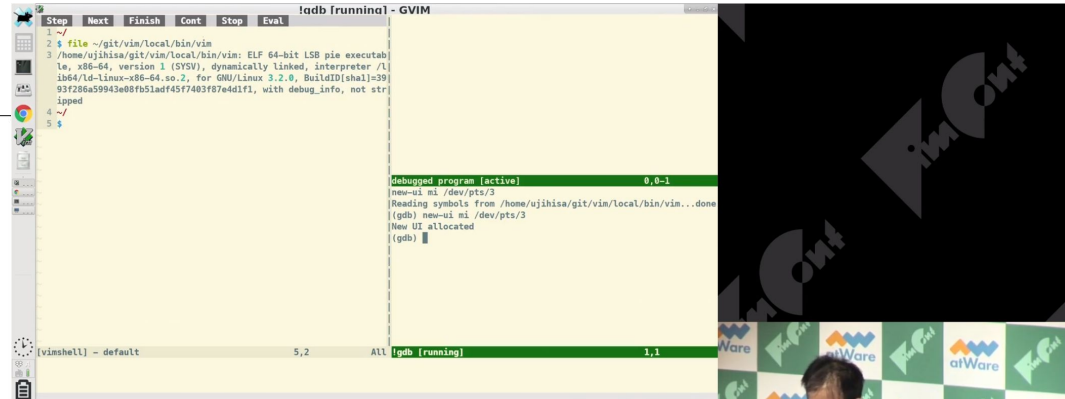
VimConf 2018 (last year)

"Modes" by ujihisa

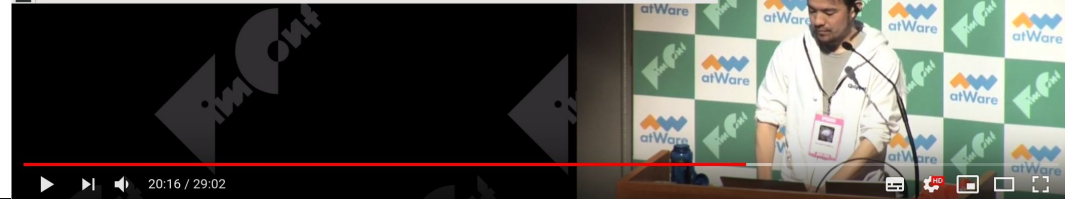
- Vim core C implementation (live)

modes

VimConf 2018
2018-11-24
Tatsuhiko Ujihisa



```
Step Next Finish Cont Stop Eval |!gdb frunning| - GVIM
1 ~/$
2 $ file ~/git/vim/local/bin/vim
3 /home/ujihisa/git/vim/local/bin/vim: ELF 64-bit LSB pie executab
le, x86-64, version 1 (SYSV), dynamically linked, interpreter /l
ib64/ld-linux-x86-64.so.2, for GNU/Linux 3.2.0, BuildID[sha1]=39
93f286a59943e88f851ad4f45f7403f7e4d1f1, with debug_info, not str
ipped
4 ~/$
5 $
debugged program [active] 0,0-1
new-ui ml /dev/pts/3
Reading symbols from /home/ujihisa/git/vim/local/bin/vim...done
(gdb) new-ui ml /dev/pts/3
New UI allocated
(gdb) |
[vimshell] - default 5,2 ATT |gdb [running] 1,1
```



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)

Live Coding

From scratch

in Ruby

with explain

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

(Sited from Justin's keynote slides)

Vim way

```
:help design-not
```

```
f55e4c867f77 1 Aug 2017 20:44:53
```

```
runtime/doc/develop.txt
```

```
| 9 +-
```

```
---
```

```
VIM IS... NOT
```

```
*design-not*
```

```
-- Vim is not a shell or an Operating System. You will not be able to r  
- shell inside Vim or use it to control a debugger. This should work t  
- 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 termina  
+ window, in which you can run a shell or debugger. E.g. to be able to  
+ this over an ssh connection. But if you don't need a text editor wit  
+ 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

`\ → ~/ → \`

Ruby

`"{{ → "#{`

`!lj → <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

```
3 get '/' do
4   name = params[:name]
5   "Hello #{name}"
6 end
```


13 Vim plugins I use every day

Thanks!

Uji

