

Let's talk about neovim



Shougo (暗黒美夢王)



Caution!



- This slide is in English.
- But the talk is in Japanese.
- **It is not any of official information.**
- **It is my personal thought and understanding. It may contain several mistakes.**
- **The presentation has spiritual topic, Battle Editors and Chuunibyou (中二病).**
- They are features.



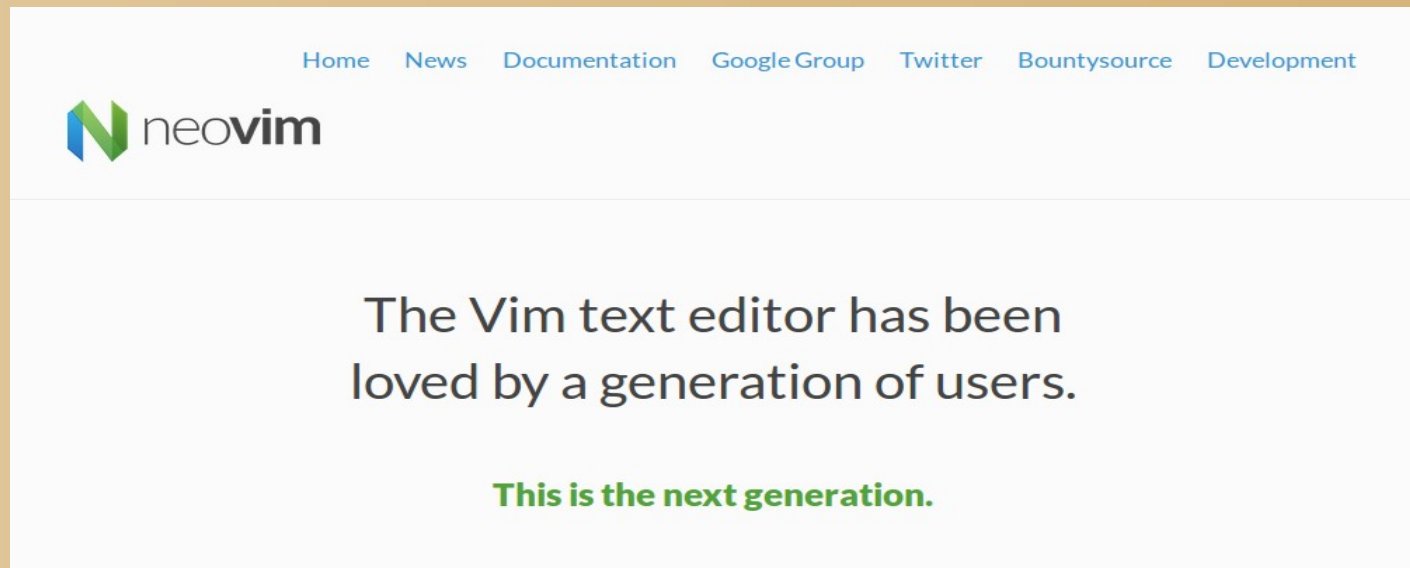
Self-introduction

- Shougo
- I am called as “暗黒美夢王”. Pronounces it “Uncock Vim Awe”.
- Fufufu... my Vim is dark powered.
- I always think about Text Editors.
- I love Vim and Vim script.
- Experience of Vim: 8 years
- Experience of Vim script: 6 years

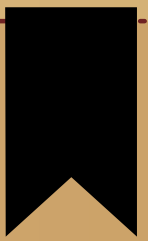


What's neovim?(3 lines)

- It is forked Vim.
- It is developed in github instead of ML.
- It aims “Modern Vim”.



Features(contains planned)



- Some features are removed(Ex: vi compatible mode, spellcheck, crypto, old platforms support).
- The source code is refactored.
- Asynchronous communication by MessagePackRPC.
- The developers can make plugins by multiple languages.
- Vim script remains to keep the compatibility.
- GUI feature will be implemented by MessagePackRPC.
- Can embed neovim in other applications.



Background



- 20 years later, Vim users have changed.
- There are two types of Vim users.
- **1: Light Vim users.** They use Vim as Text Editor.
 - Ex: System administrators, Vim developers, Embedded developers
- **2: Dark Vim users.** They use Vim as IDE or environment.
 - Ex: Plugin junkies, Plugin developers, Web developers
- Dark Vim users are increased. But many developers in vim_dev are Light Vim users. Because they has enough Vim(C) skill.
- Dark Vim users sent some patches to vim_dev, but it is not accepted.
- So, Dark Vim users(Mr.tarruda and the contributors) forked Vim => neovim



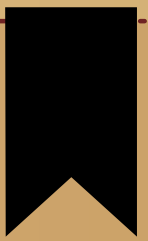
Weak point



- Neovim is not 100% compatible with Vim.
- Less developers.
- They may decide wrong decision.
- Cannot merge from many upstream patches.
- No GUI yet.
- No `if_lua`, `if_ruby` yet(`if_python2` is available).



Current upstream patches(in 11/06)



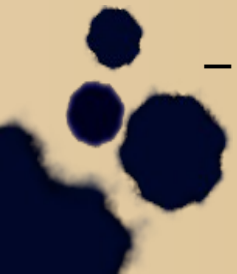
- Note: neovim is started in Vim 7.4.165.
- <http://neovim.org/doc/reports/vimpatch/>
- All patches: 507
- Merged: 321
- N/A(not needed): 84
- Pull requests are available: 22
- Patches are needed!: **80**



Fork is not easy solution!



- Vim is developed actively(400 patches in 1 year).
- Forked project needs more developers power than original.
- Wins fork or original. Not both.
- Example: Chromium forked browser, Firefox forked browser, XEmacs
- Example2: <https://github.com/Floobits/vim>
 - It is settimeout() implementation fork, but it is not maintained.
<https://github.com/Floobits/vim/issues/3>
 - They have developed neovim plugin.
 - <https://github.com/Floobits/floobits-neovim>



My support for neovim



- Donated(both Vim and neovim).
- Watching issues, reddit, neovim, Web pages.
- Pull requested some of upstream patches.
- I will create next generation of completion plugin for neovim by Lua language...
- **It will be full asynchronous completion engine.**



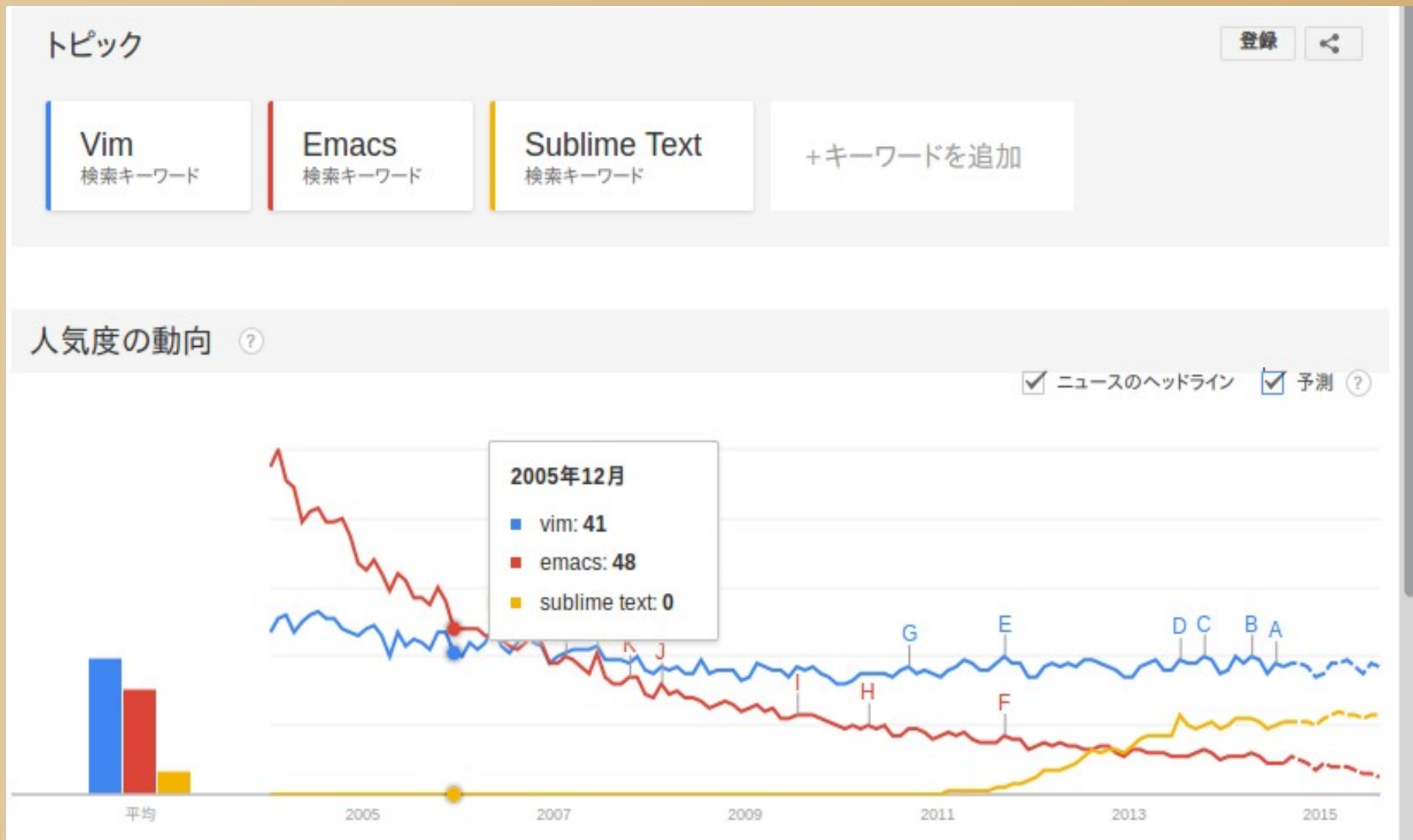
Why do I support neovim?



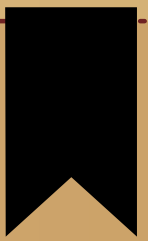
- Note: I am not 100% agree with neovim development.
- Many people are exciting(I have not seen negative opinions).
- Neovim may solve Vim problems.
- The competition of the development environments becomes hard(IDE, Atom, Sublime Text, etc).
- Emacs power is downed.
- I cannot be optimistic about Vim's future.



Current Editor's trend



Why does Vim users not decrease?



- I think Light Vim users are not grown.
- I think Dark Vim users are grown from other editors/IDEs.
- If the users disappointed at Vim, Vim power will be downed.



Vim design policy



- :help design-not

VIM IS... NOT *design-not*

- Vim is not a shell or an Operating System. You will not be able to run a 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. A satirical way to say this: "Unlike Emacs, Vim does not attempt to include everything but the kitchen sink, but some people say that you can clean one with it. ;-)"

To use Vim with gdb see: <http://www.agide.org> and <http://clewn.sf.net>.

- Vim is not a fancy GUI editor that tries to look nice at the cost of being less consistent over all platforms. But functional GUI features are welcomed.



What's “the text editor”?



- Current text editors are like IDE.
 - Syntax check, Plugin manager, Auto completion, Asynchronous processes
- Vim is not the exception.
 - Scripting, QuickFix, Builtin completions, Tab, Preview window
- The definition of “the text editors” can be change.
- I think current editors are “configurable/pluggable/lite IDE” instead of traditional editors(example: vi, nano).



Vim-jp and neovim

- <http://vim-jp.org/>
- Vim-jp is original Vim community in Japan.
- It combines Vim users and Vim plugin developers and Vim developers.
- github issues development.
- Patch review in github.
- High skilled Vim(C) Developers.
- I think it is similar to neovim.
- It is modern and traditional hybrid.
- I think Vim-jp developers can support neovim.

vim-jp » Vimのユーザーと開発者を結ぶコミュニティサイト

NEWS: vim-users.jp の過去記事を掲載中!

 vim-jp はテキストエディタ Vim と日本・日本語に関わるあらゆるリソースを集約することを目的としたコミュニティです。

Vim と vim-jp についての詳細はコチラをご覧ください。

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ブログ

2014/11/06 » [Vim Advent Calendar 2014](#)
Vim Advent Calendar 2014 を開催します。例年までは ATND を使っていましたが、今回は Qiita で行います! <http://qiita.com/advent-c...>

2014/09/02 » [vim-go-extra を公開致します。](#) [34 users](#)
golang オフィシャル配布物として提供されてきた misc/vim という vim プラグインが、開発対象から外すという理由により先日リポジトリから削除されました。その変更を受けて vim...

2014/08/08 » [Dropped migemo from ctrlp.vim](#) [1 user](#)
ctrlp.vim から migemo 検索機能がドロップされました。migemo 検索機能は cmigemo を使用して正規表現パターンを生成し、ctrlp.vim の正規表現検索に流し込む...

2014/08/08 » [CtrlP does not die](#) [10 users](#)
パッパァやファイル等、色んなコンテンツを選択出来る Vim プラグインとして海外では不動の人気を得ていた ctrlp.vim ですが、最近開発が停滞しており一部のユーザから開発継続が望まれて

Vimを始めよう

バイナリーダウンロード

Windows 32ビット
(7.4.475, +kaoriya, 14MB ZIP)

Windows 64ビット
(7.4.475, +kaoriya, 15MB ZIP)

OS X 10.8/10.9
(7.4.383, +macvim-kaoriya, 11MB)

日本語マニュアル

Google カスタム検索 検索 x

検索もできます。

Issues

日本語で問題報告できるITS(Issue Tracker System)。

vimrc読書会

毎週誰かのvimrcを読み合わせします。

[vim-users.jp](#)

Future next



- neovim Lua client(if_lua) is under development.
<https://github.com/neovim/lua-client>
- Neovim will release beta version in December....
- I think neovim limit time is until Vim 8.0(2015 summer?)



Conclusion



- Do you look forward to neovim?
- Then, you should support neovim.
- Magic power is nothing in open source world.
- Neovim is not vaperware. But it is in just start line. It is not easy to continue the project like Vim.
- **My hope is coexistense with light Vimmers and dark Vimmers instead of exclusion.**



Finally...



- I created new **parody** song for Vim conference 2014.
- The song name is “**Neo Edit it all**”.
- It is about “neovim”.
- Unfortunately, it is Japanese song.
- Are you ready?
- **Note: UST is not available.**

