

So is vim/emacs *[in]*efficient ?

emacs vs vim

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Agenda

1 vim

- History
- Survival Skills
- Power Usage

2 emacs

- History
- Survival Skills
- Power Usage
- The Kitchen Sink

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It all started with **ed** ...

Then came ex

do one thing, and do it well



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In normal mode **:help**

vimtutor if you want an online tutorial

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- **cscope**: yet another way of moving around code.



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extensibility - community

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Easiest way to install is by **pathogen**

Just modify the vimrc **execute pathogen#infect()**



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Written by **rms**...

Richard M Stallman

Do everything philosophy



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- Editor War, the longest running flame war on internet. (who's the best)

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How to quit...

It is not an **editor** but an '**Operating System**', which happens to edit too. Emacs has **modes** which alter the meaning of commands.

Emacs commands are elaborate sequence, called **chords**. They are very confusing to startoff with.

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emacs is a self documenting editor

C-h m mode-specific help.

C-h f describe a function.

C-h k describe a function a key runs.

M-x help interactive help.



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Installation is just calling a function

M-x package-list-packages

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Any guesses why people call it an 'OS'?



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Take Aways

- Both **emacs** & **vim** are **very powerful** editors.
- **Invest** some time to learn them, you will not regret it.
- In appropriate hands both can **shred** text at speed of thought.
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For Further Reading I



Drew Neil.

Practical Vim.

The Pragmatic Programmers, 2012.



Richard M Stallman et al.

GNU Emacs Manual.

Free Software Foundation, 2014.



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