

Power of 'vi'

What to Expect?

- ★ Versions of 'vi'
- ★ Handy Tutorial
- ★ Patterns in 'vi'
- ★ Magic with 'vi'

'vi' Versions

- ★ 'vi' stands for “visual”
 - First in its series
 - After the line editors like 'ed'
 - Dates back to 'QWERTY' keyboard days
 - Designed to get maximum with minimum
- ★ 'vim' – '**vi**' *im*proved
- ★ 'gvim- **g**raphical '**vim**'

'vi'sual Editor Benefits

- ★ Key to Productivity

- ▶ Initial learning curve
- ▶ But goes down fast with practice
- ▶ Delivering more in long run
- ▶ Including generating code

- ★ Speed without being Typist

- ▶ No mouse & Minimized keypad usage
- ▶ Short cuts

- ★ Unique features like Recording

Handy Tutorial for Starters

- ★ “vimtutor”
- ★ Type it on your shell
- ★ And try it right now
- ★ Follow what it says
- ★ And there you go using 'vim'

Patterns in 'vi'

- ★ Modes: Command (Esc), File (:), Edit
- ★ Edit Modes: a, i, o and A, I, O
- ★ Operations: c, d, r, s, y
 - ▶ Prefix: Repeat for line, w for word
 - ▶ Capitals: Till end of line
- ★ Undo: u, Redo: Ctrl+R
- ★ Prefix numbers for repeating
- ★ Search: / ?

Magic with 'vi'

- ★ Write a program to print from 1 to 1000
 - Without using any loops, conditionals, gotos
- ★ Print all in 4-digit formats prefixed by 0's
- ★ Not really 0's but spaces
- ★ Many more things ...
 - Including recording across multiple files

What all have we learnt?

- ★ Versions of 'vi': vi, vim, gvim
- ★ Handy Tutorial: vimtutor
- ★ Patterns in 'vi': Command Set
- ★ Magic with 'vi': Recording

Any Queries?