Ditching Vim for Kakoune

CERN IT Lightning Talks: session #24

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POV:
You opened Vim for the first time

Google search suggestions:
- how to quit
- how to quit vim
- how to quit smoking
- how to quit vaping
- how to quit alcohol
- how to quit a job

Reddit comments:
- turniphat · 6 days ago
  I first struggled with exiting vim 26 years ago.
  177 replies

- mashpotatodick · 6 days ago
  Keep trying. I'm sure you'll find your way out one day
  182 replies
Kakoune!

- Vim-inspired modal text editor
- Multi-selection
- Noun → verb: first select, then execute
- Sane defaults
- Discoverability
- Server-client architecture
- Integrate with external tools via piping, inlining output
- Highly extensible
- And much more...
<table>
<thead>
<tr>
<th>Action</th>
<th>Kakoune</th>
<th>Vim</th>
</tr>
</thead>
<tbody>
<tr>
<td>Go to bottom</td>
<td>gj</td>
<td>G</td>
</tr>
<tr>
<td>Go to top</td>
<td>gk</td>
<td>gg</td>
</tr>
<tr>
<td>Go to last buffer change</td>
<td>g.</td>
<td>:.</td>
</tr>
<tr>
<td>Delete str in next paragraph</td>
<td>]p + s + foo + d</td>
<td>v} + :&lt;’,&gt;s/foo//</td>
</tr>
<tr>
<td>Base64 str in next paragraph</td>
<td>]p + s + foo + l + base64</td>
<td>???</td>
</tr>
<tr>
<td>Delete 5 words</td>
<td>5Wd</td>
<td>5dw</td>
</tr>
</tbody>
</table>

LSP plugin

- a: show code actions for current position
- c: show language server capabilities
- d: go to definition
- e: list project errors, info, hints and warnings
- f: format buffer
- h: show info for current position
- H: show info for current position in a scratch buffer
- i: go to implementation
- j: list outgoing call for function at cursor
- k: list incoming call for function at cursor
- l: apply a code lens from the current selection
- o: search project symbols
- n: find next error
- p: find previous error
- q: exit session
- r: list symbol references
- R: rename symbol
- s: jump to document symbol
- S: list document symbols
- v: select inner/outer nodes
- V: select inner/outer nodes (re-use previous call)
- y: go to type definition
- [: show hover for previous symbol
- ]: show hover for next symbol
- {; goto previous symbol
- }: goto next symbol
- 9: show hover for previous function
- 0: show hover for next function
- (: goto previous function
- ): goto next function
- &: lsp-highlight-references
- =: format selections

`csi_plugin.go 1:1 enter key - client0@[685389]`
LSP plugin

```go
func(client clientset.Interface, nodeName types.NodeName) error

waitForAPIServiceForever waits forever to get a CSINode instance as a proxy for a healthy APIService
```
Git plugin

8205f815 2020-03-27 18:27:57 David Zhu
8b5bd4d6 2020-03-27 18:29:34 Jan Safranek
8205f815 2020-03-27 18:27:57 David Zhu
8205f815 2020-03-27 18:27:57 David Zhu
8205f815 2020-03-27 18:27:57 David Zhu
8205f815 2020-03-27 18:27:57 David Zhu

21  
22 if err != nil { -
23 // In theory this is unreachable, but just in case:-
24 return fmt.Errorf("%v: %v", err, lastErr) -
25 }
Git plugin

- commit bb878608685a6276cefec3f51bee5d79b0c8c393
- Merge: 039aa1edf5a d6168bb5587
- Author: Kubernetes Prow Robot <k8s-ci-robot@users.noreply.github.com>
- Date: Sat Jun 3 05:30:41 2023 -0700

Merge pull request #118356 from ritazh/ec-admission

Add ephemeralcontainer to imagepolicy securityaccount admission plugin

```bash
$ git [<arguments>]: git wrapping helper
All the optional arguments are forwarded to the git utility
Available commands:
  add
  rm
  blame
  commit
  checkout
  diff
  hide-blame
  hide-diff
  init
  log
  next-hunk
  previous-hunk
  show
  show-branch
  show-diff
  status
  update-diff
```

$ git checkout
GDB plugin
Conclusion

- https://kakoune.org/
- https://github.com/mawww/kakoune
- Available in package repositories in all major distros!
- Hope you try it out!