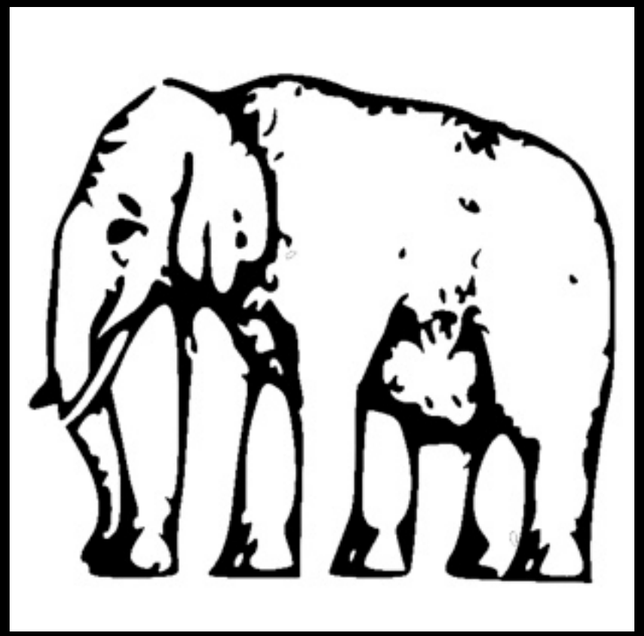
I've been looking for freedom 🎶

From Xcode to Neovim oder wie ich lernte, die Kommandozeile zu lieben



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From Xcode to Neovim

- Xcode 🧱
- Blick über den Tellerrand 🌍
- Vim 🎩
- Mein Weg in die Freiheit 🗽
- Demo 🤭

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Xcode

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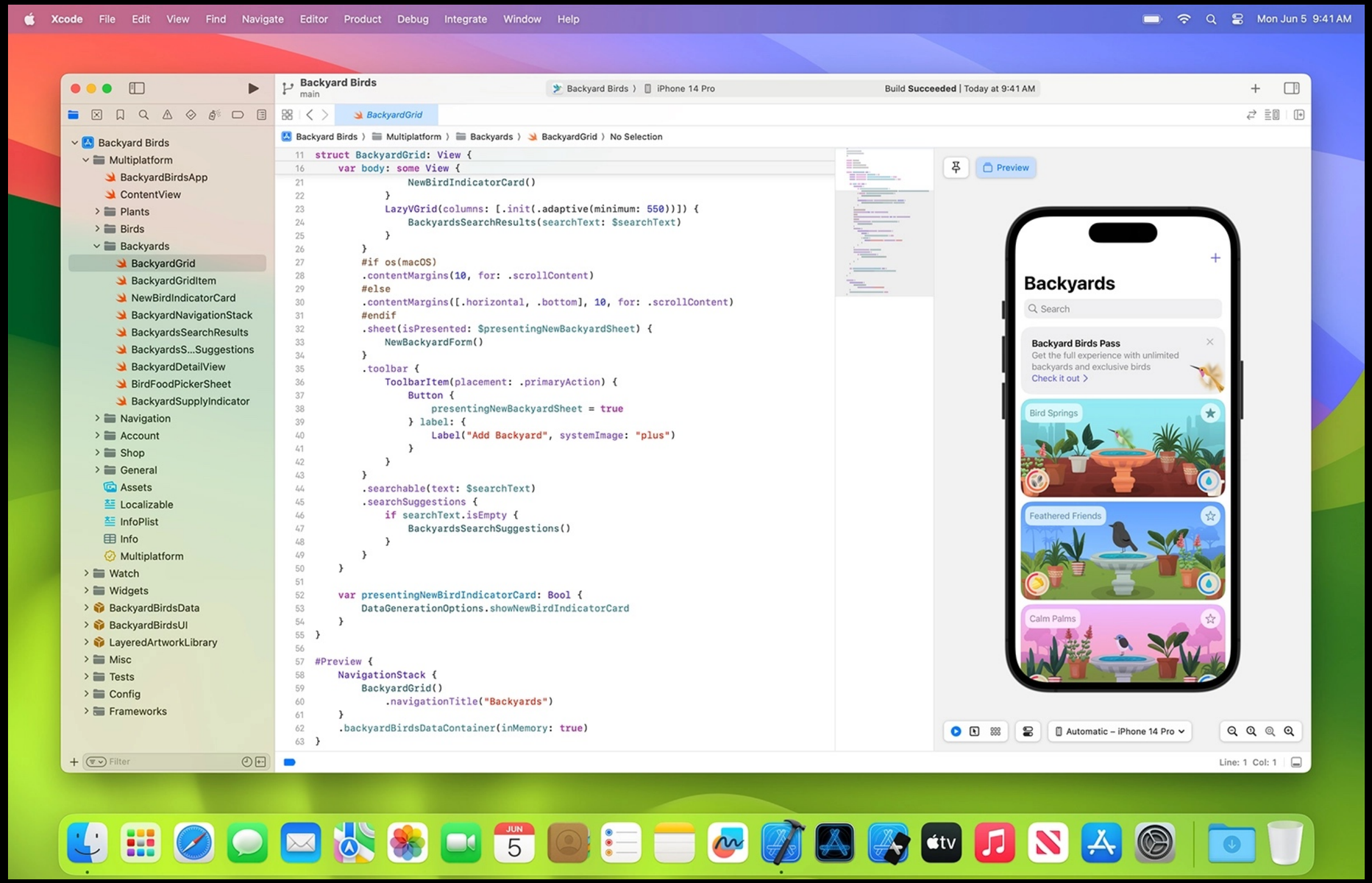

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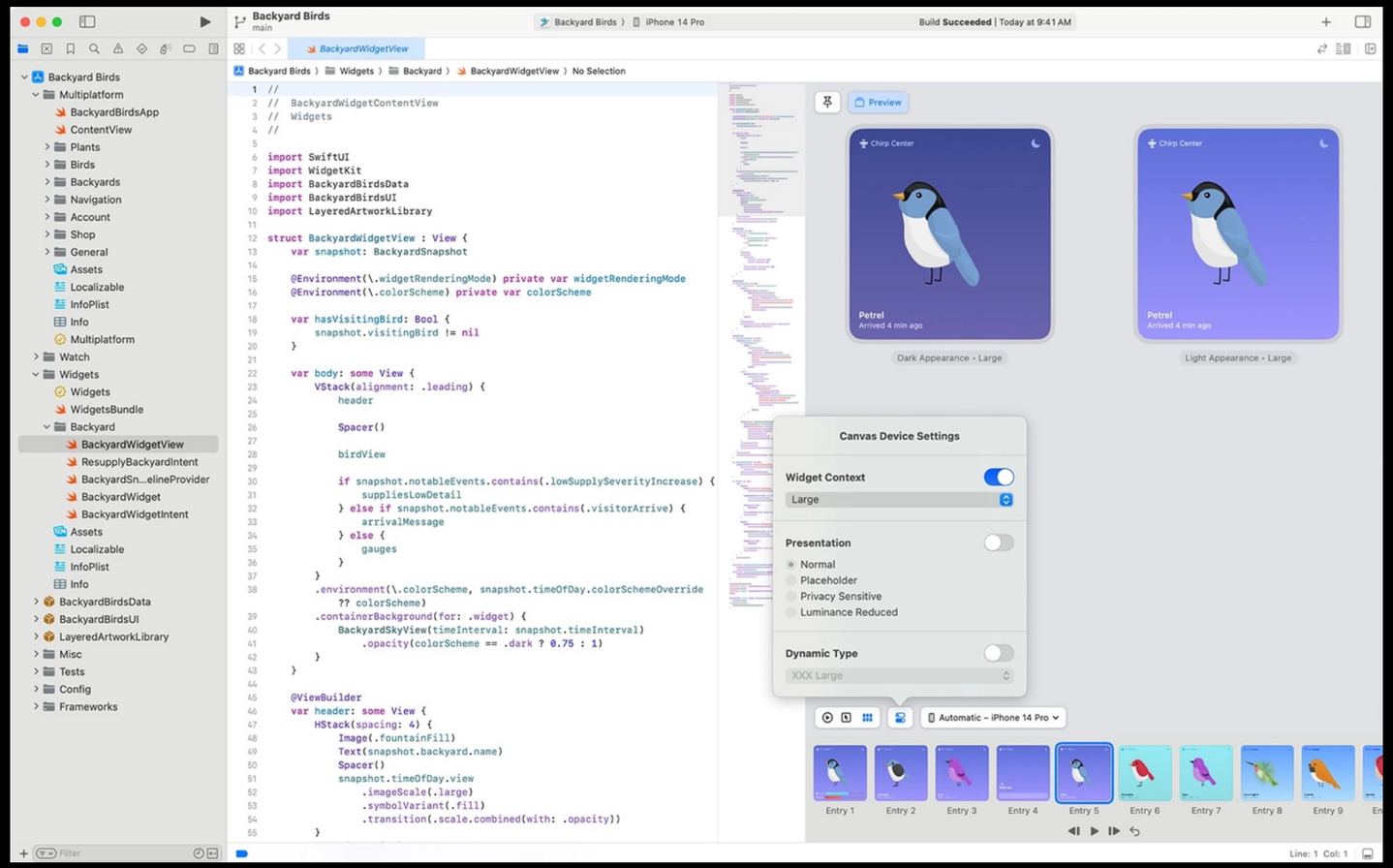
The good

SwiftUI Previews



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Gesamtpaket aus einer Hand

- Editor
- UI Designer (IB oder SwiftUI)
- Debugger
- Device-Management
- AppStore Anbindung

1st Party Open Source Tooling

- Swift
- Swift Package Manager
- Swift Testing
- Swift Build
- SourceKit
- Swift Syntax

The bad

Apple entscheidet, womit wir wie entwickeln

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- keine wirkliche Unterstützung für andere Sprachen oder Plugins
- aufgeblähte IDE (3D Editor, Interface Builder, etc.)
- AI code assistance 🙈
- rudimentärer Editor
- Refactoring? 🙈
- kaum Anbindung an 3rd-party-tooling

The ugly

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- nicht anpassbar an eigene Bedürfnisse
- Abstürze beim Wechseln zwischen git branches
- Derived Data Wüste (zig GB)
- keine Unterstützung für grosse Dateien (json, logs, etc.)
- Versionskontrolle 🙈
- […] your favorite rant here

...die Ruhe vor dem Sturm (23 Uhr)... 🍿

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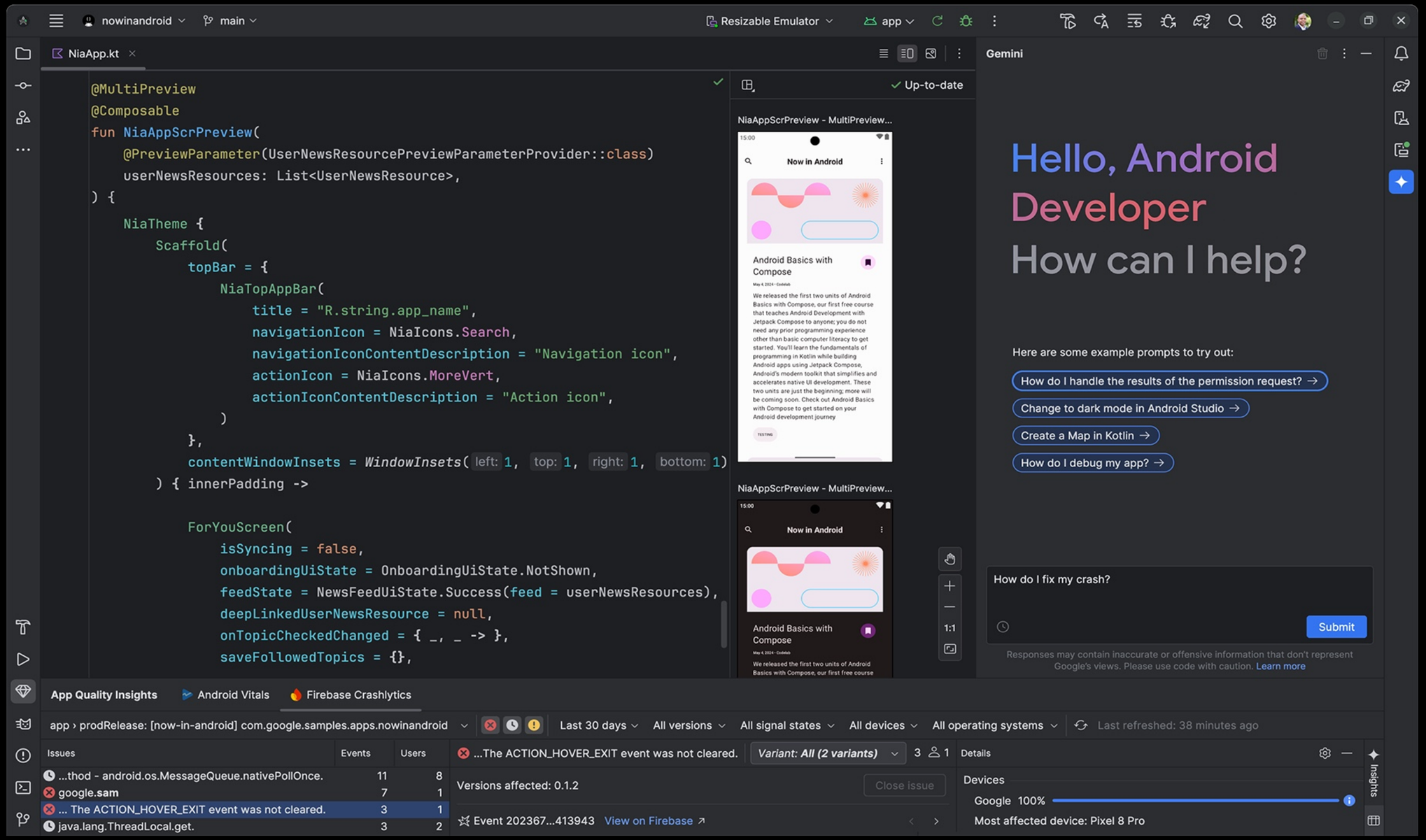
The others



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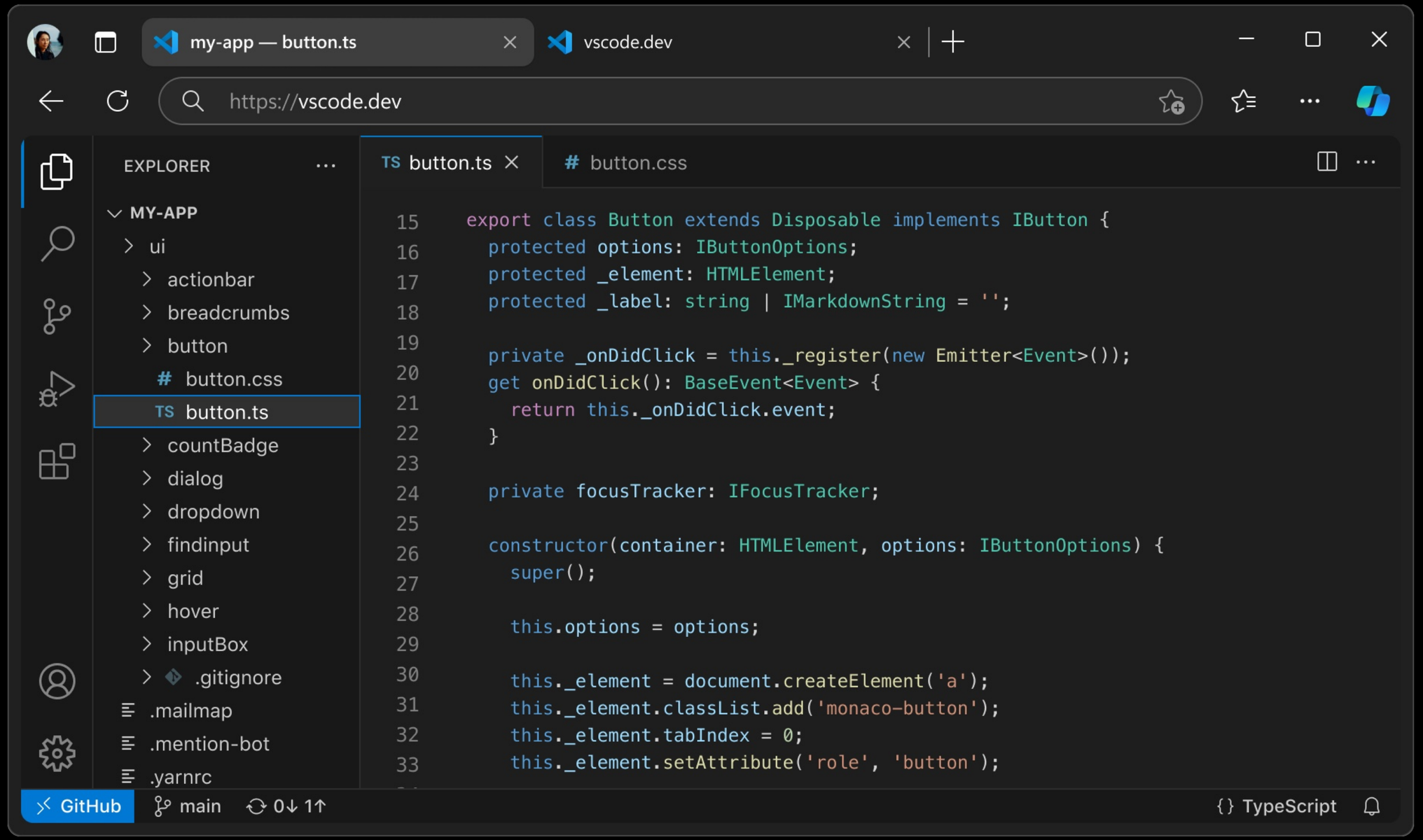

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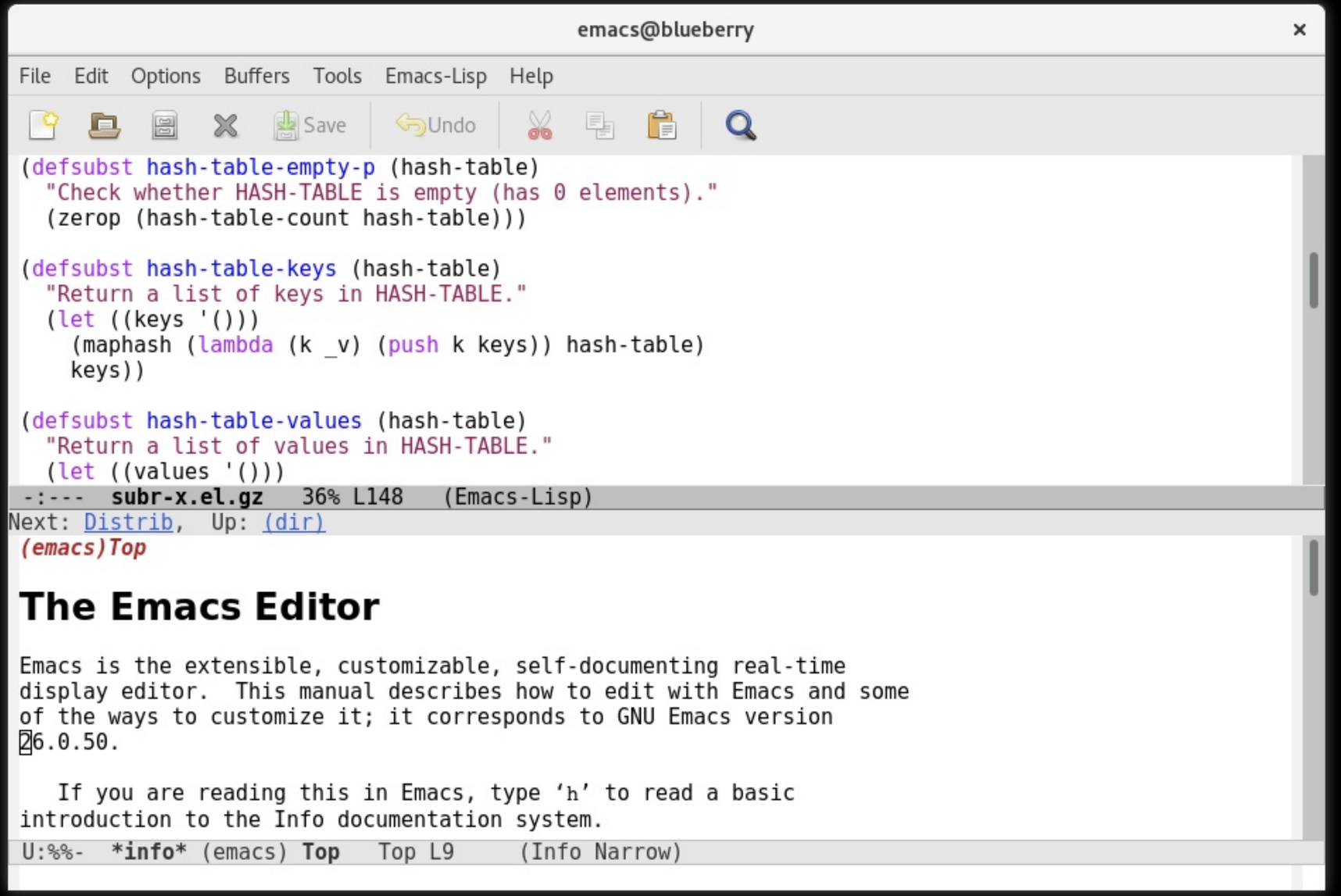

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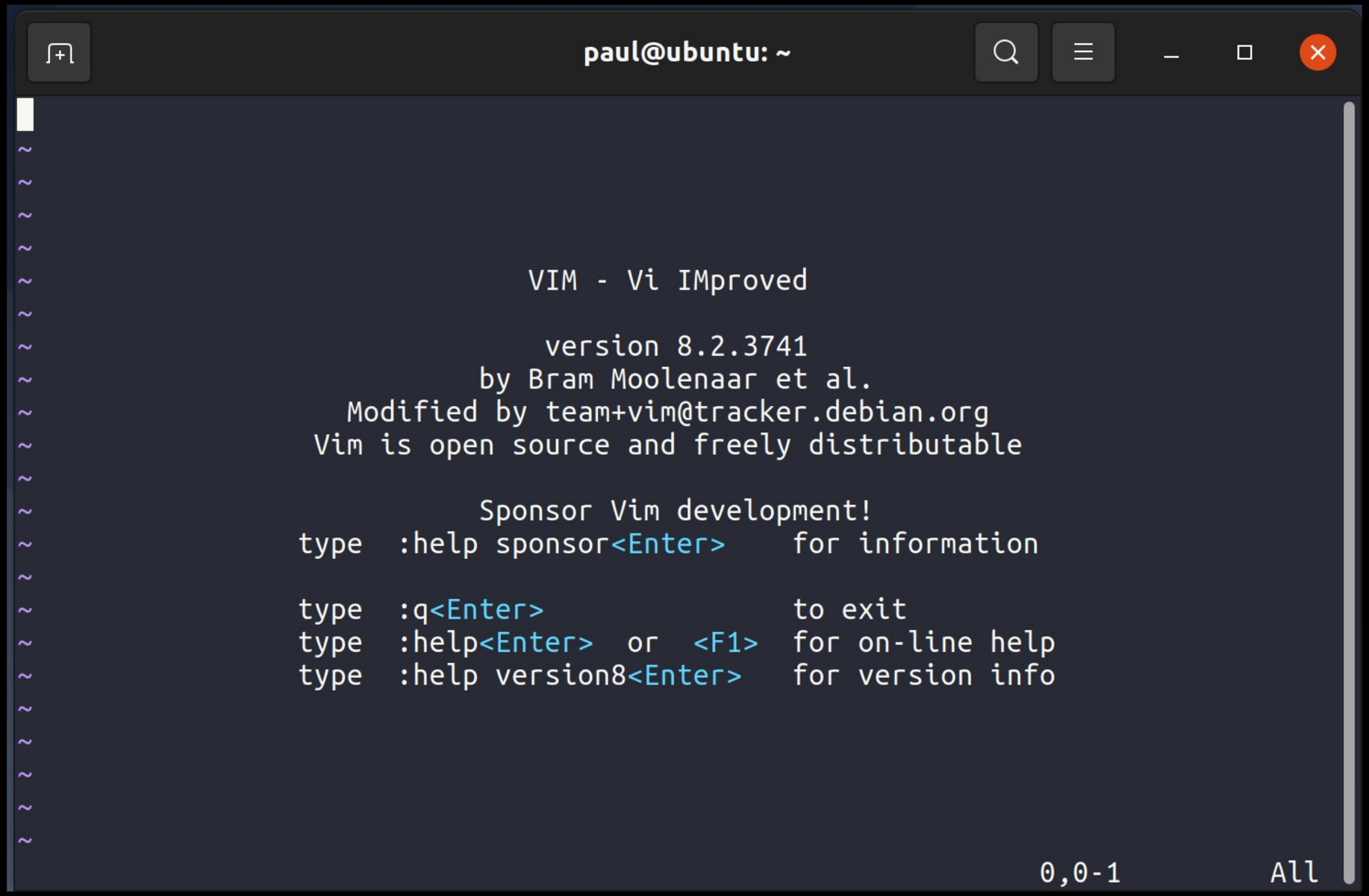
paul@ubuntu: ~
VIM - Vi IMproved
version 8.2.3741
by Bram Moolenaar et al.
Modified by team+vim@tracker.debian.org
Vim is open source and freely distributable
Sponsor Vim development!
type :help sponsor<Enter> for information
type :q<Enter> to exit
type :help<Enter> or <F1> for on-line help
type :help version8<Enter> for version info
0,0-1 All

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#lifegoals

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Learning Vim

#lifegoals

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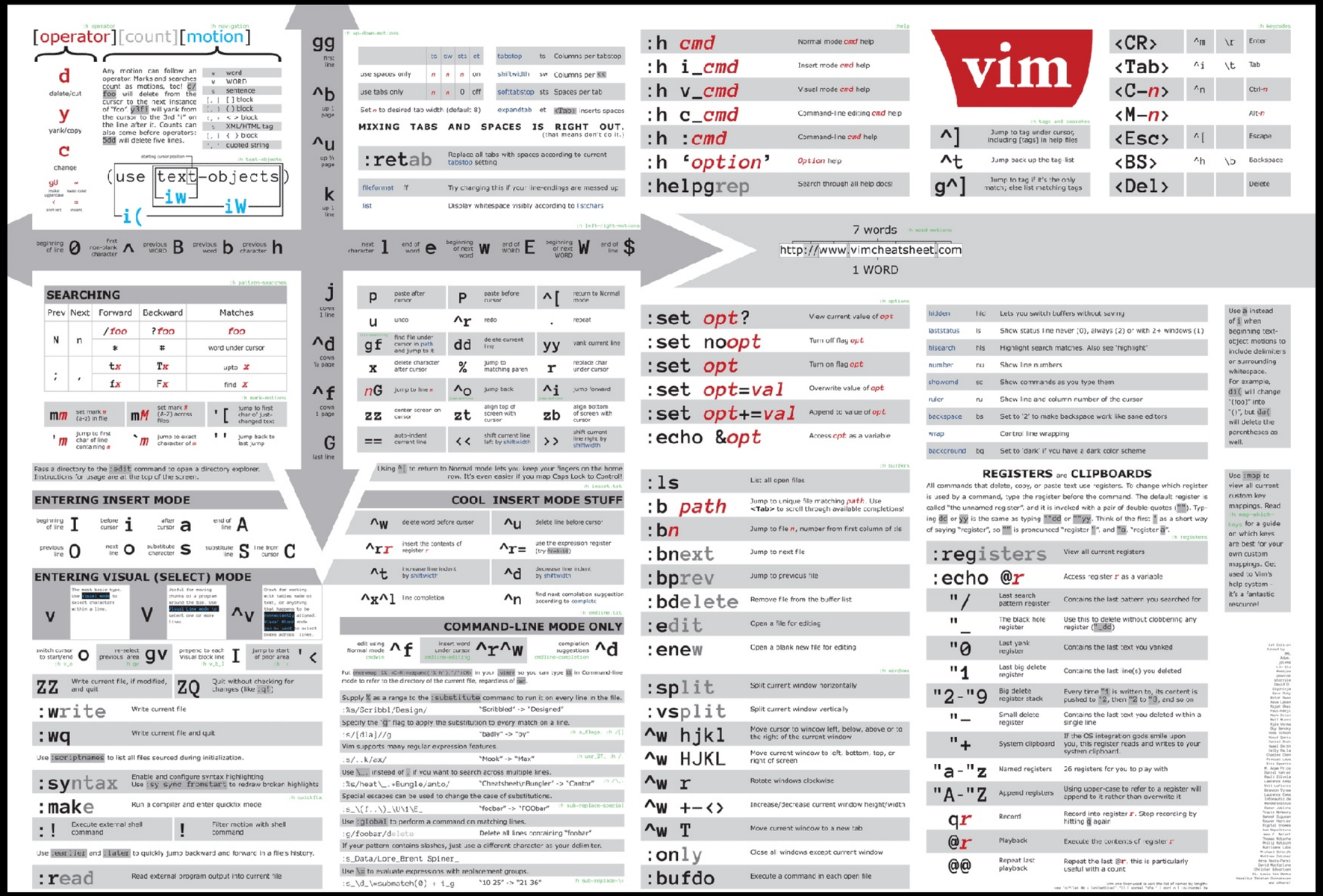

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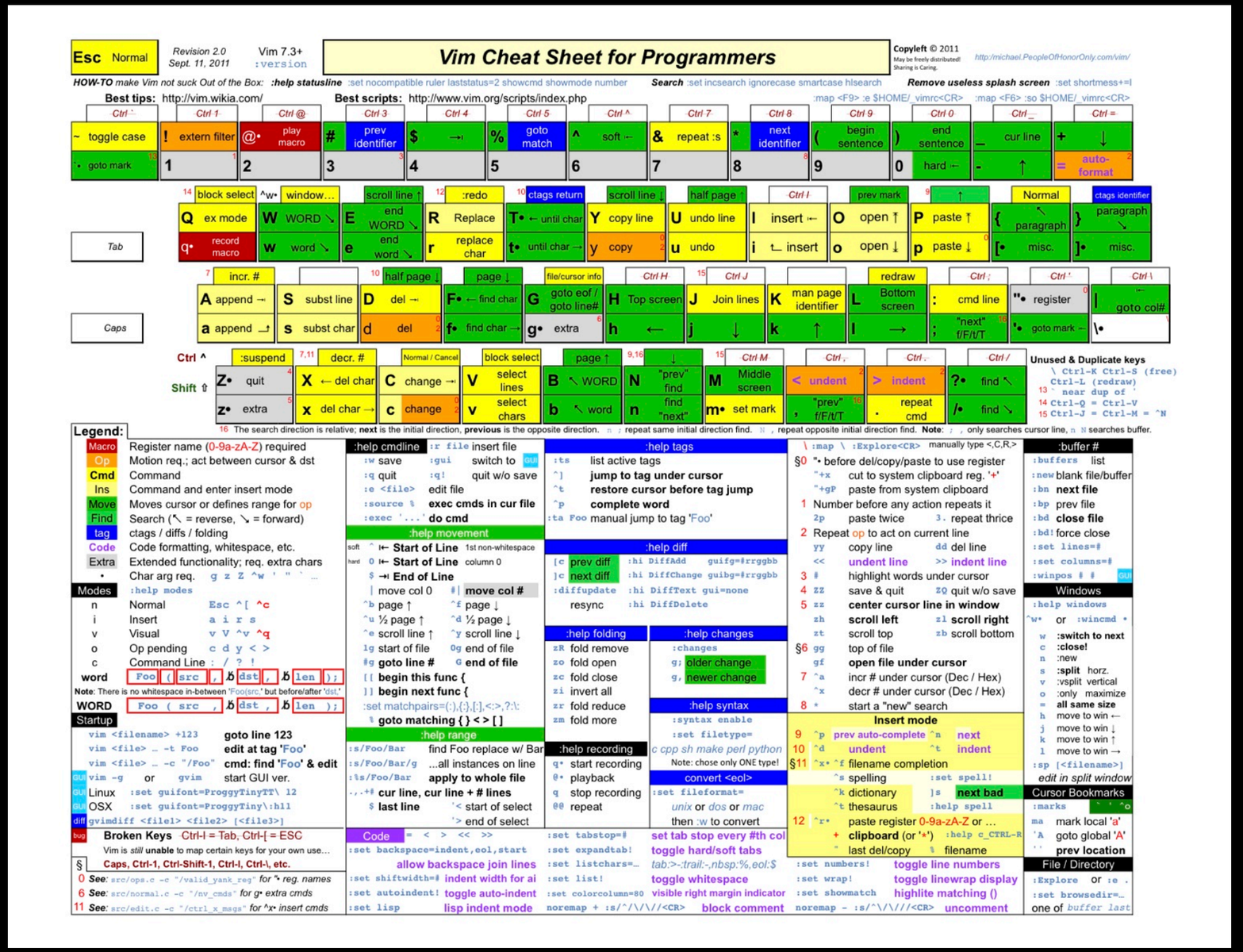

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Danke!

Fragen?

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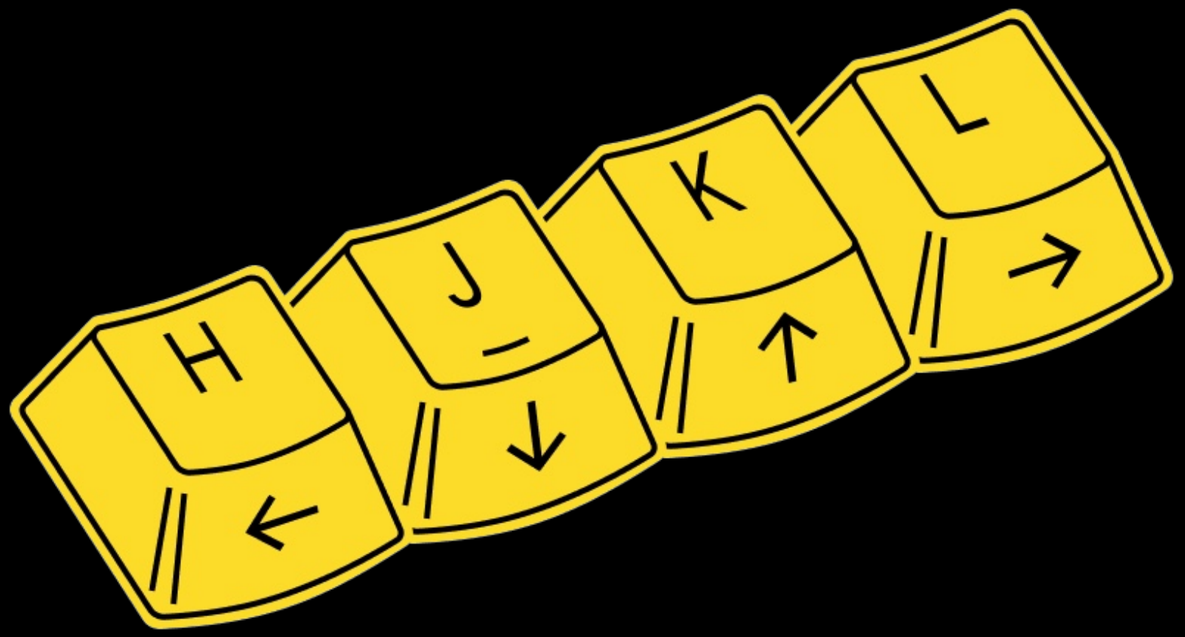
...just kidding 🤭

Modal editing



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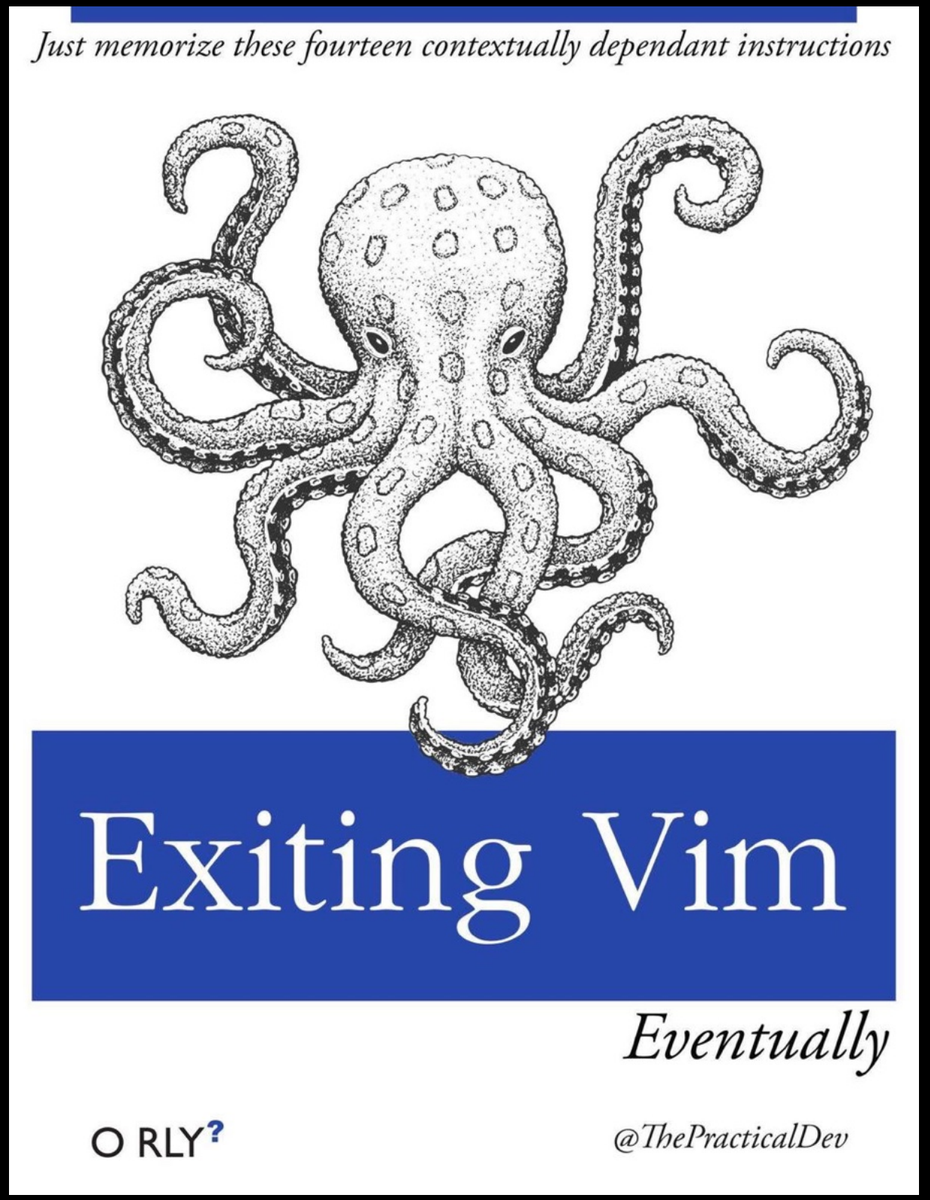
Vi

» irgendwann in den 70ern von Bill Joy entwickelt

Vim

» von Bram Moolenaar Ende der 80er auf dem Amiga entwickelt

» 1991 veröffentlicht



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Vim motions

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Cursor movement

h - move cursor left

j - move cursor down

k - move cursor up

l - move cursor right

w - jump forwards to the start of a word

e - jump forwards to the end of a word

b - jump backwards to the start of a word

ge - jump backwards to the end of a word

Extended motions

2w - jump forwards 2 words

10j - jump down 10 lines

y5w - copy 5 words

y3k - copy 3 lines up

d7j - delete 7 lines down

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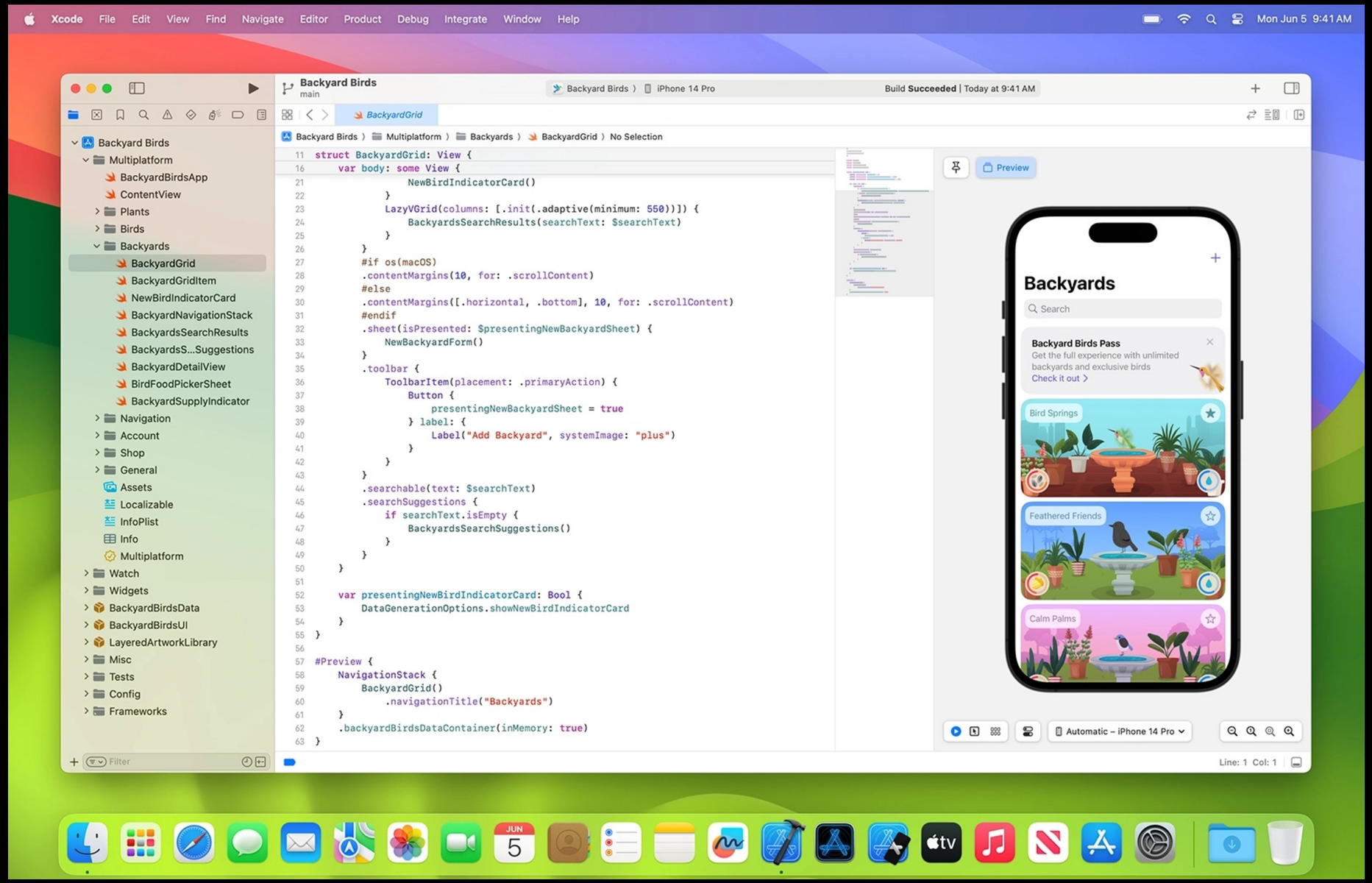
Demo

Das Problem



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Die Lösung

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```
xcodebuild -list -json
xcodebuild -scheme MyApp -showdestinations
xcodebuild -scheme MyApp -destination platform=macos,id=...,arch=arm64e build
xcodebuild -scheme MyApp -destination platform=macos,id=...,arch=arm64e \
 -showBuildSettings -json
```

```
xcrun simctl boot "iPhone 13"
open Simulator.app
xcrun simctl install "iPhone 13" MyApp.app
xcrun simctl launch "iPhone 13" /some/obscure/path/to/my/build/app
```

```
swift test --enable-swift-testing -c debug --xunit-output junit.xml
```

lldb anyone?

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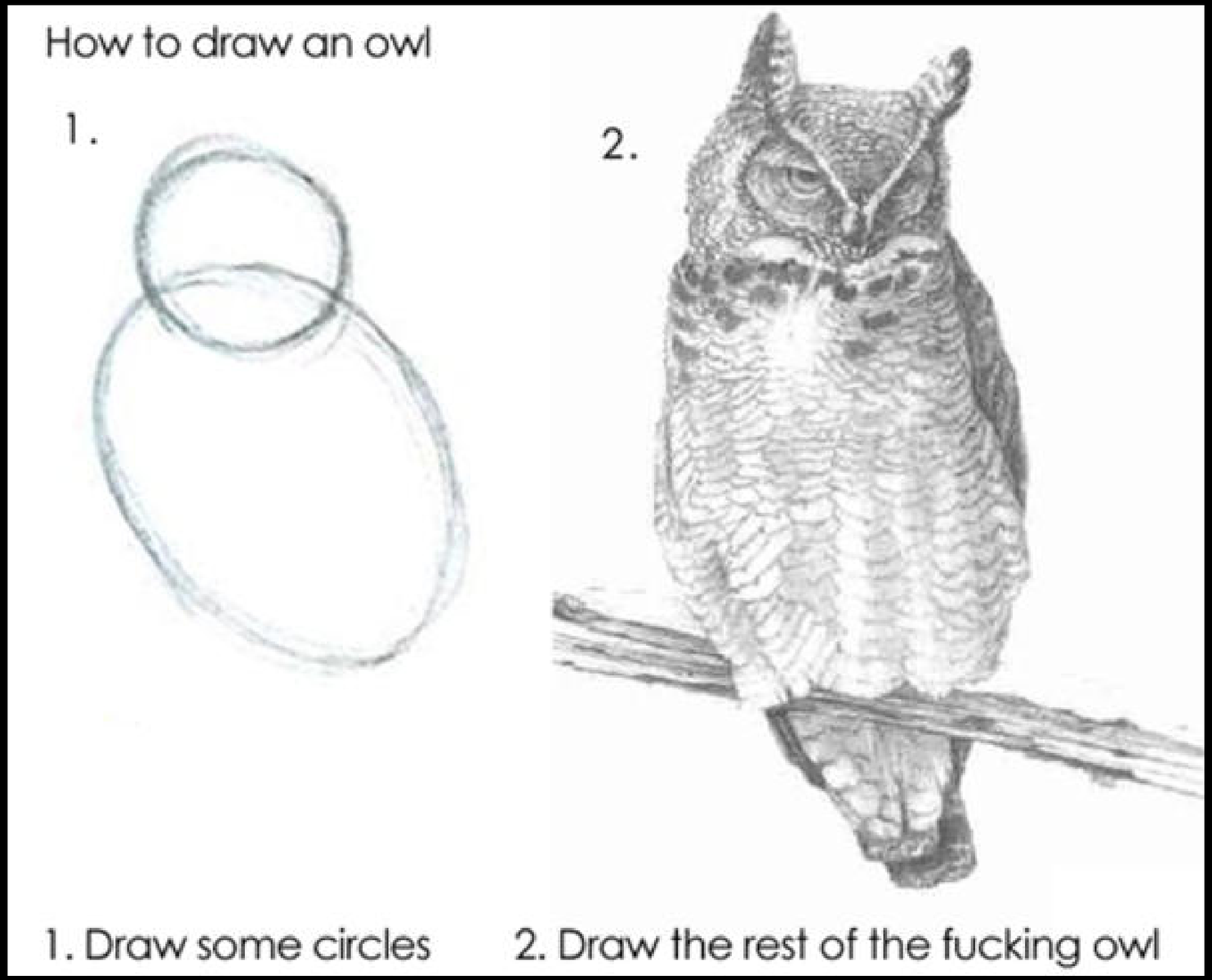

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neovim

- hyperextensible Vim-based text editor
- Vim fork, entwickelt seit 2014

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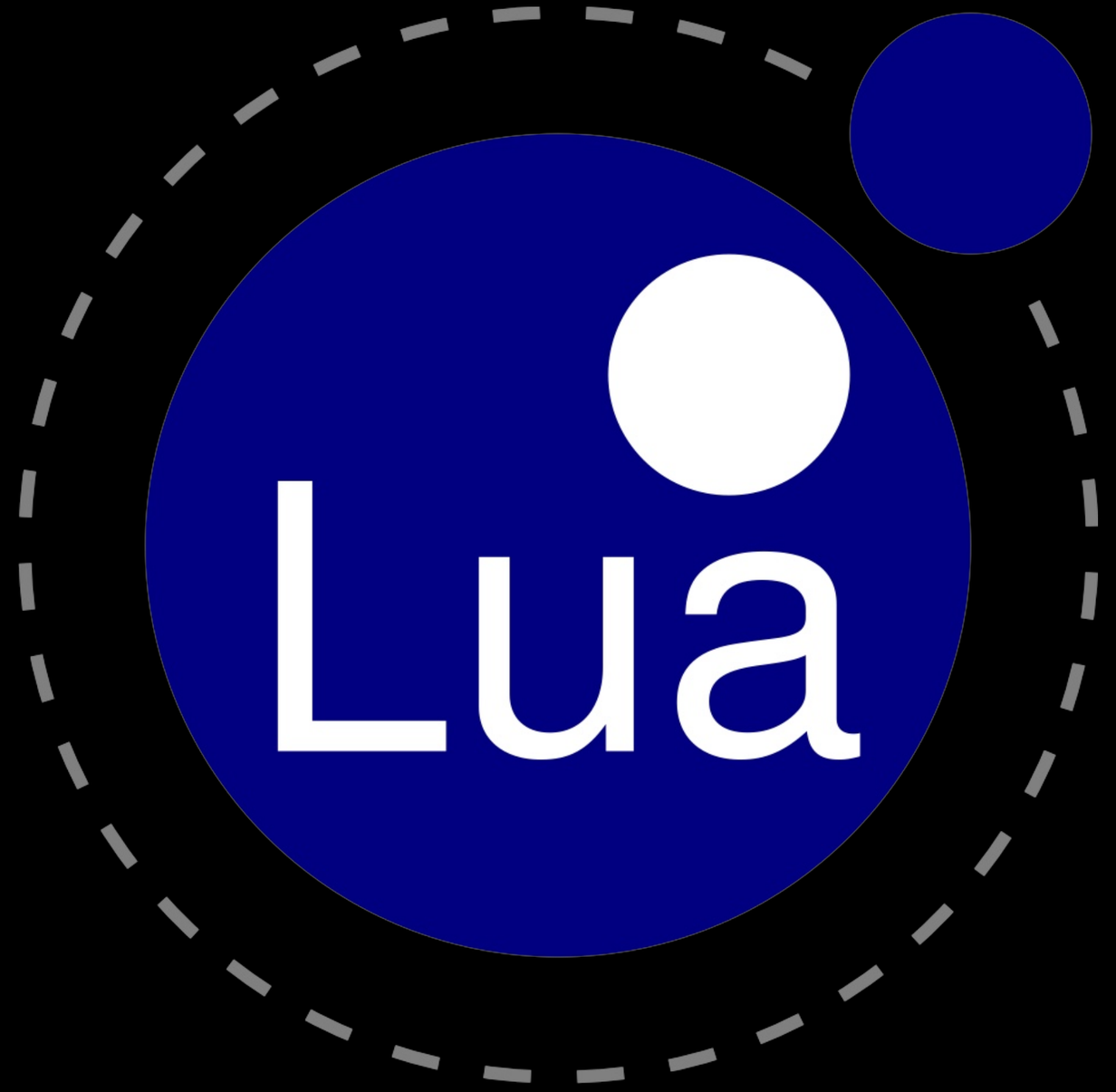
Mission statement

- Simplify maintenance and encourage contributions
- Split the work between multiple developers
- Enable advanced UIs without modifications to the core
- Maximize extensibility



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LSP

Danke, Bill!

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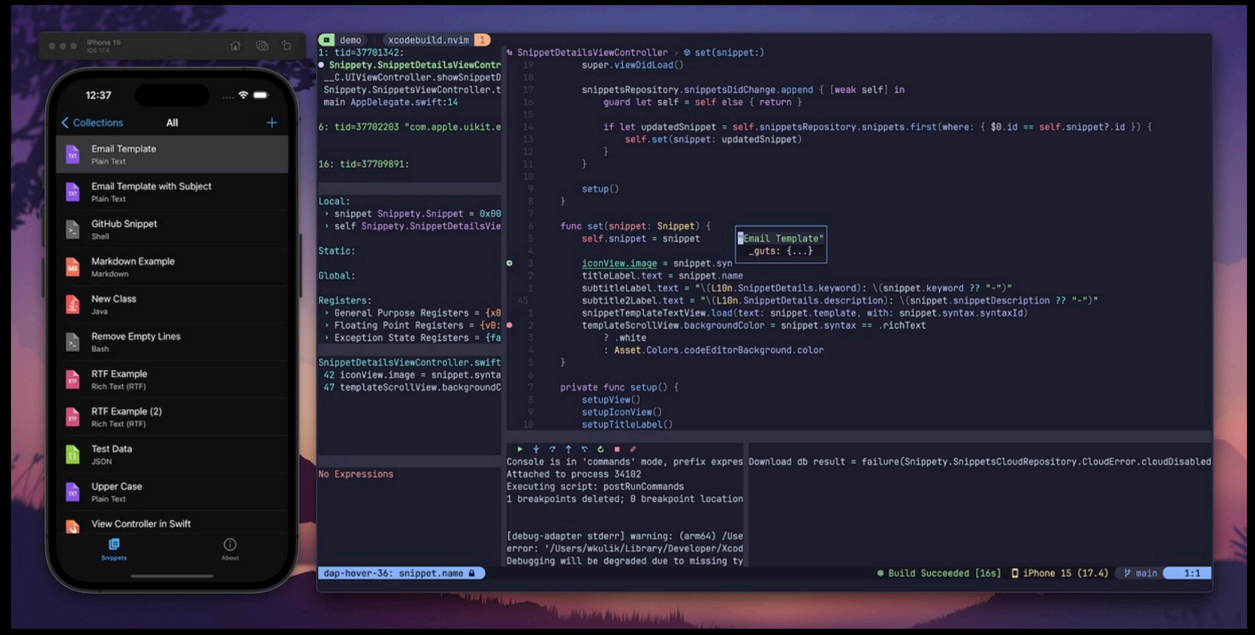
xcodebuild.nvim von Wojciech Kulik 👏



Why Switching From Xcode to Neovim Can Become The Best Decision You Ever Made

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Getting out of my comfort zone

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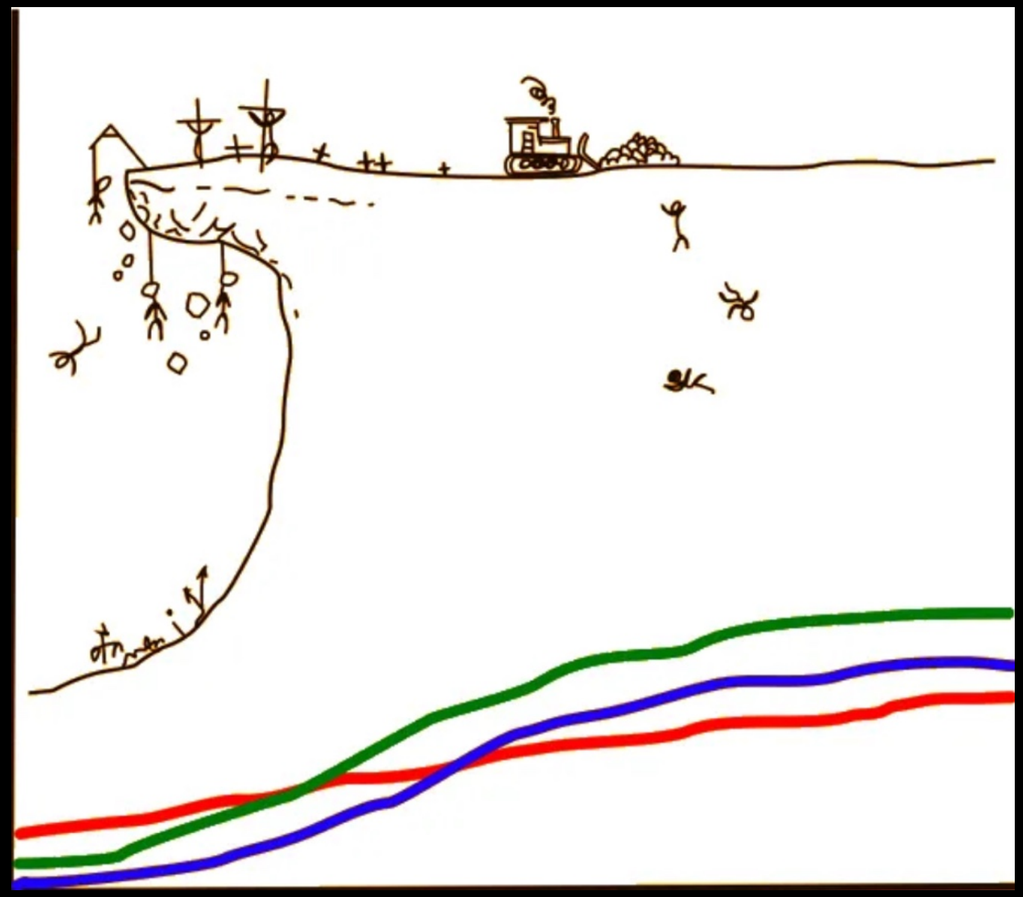
😱 Don't be scared! 😱



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LazyVim

Avoiding the config 🐇 hole

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:h

there is always help available

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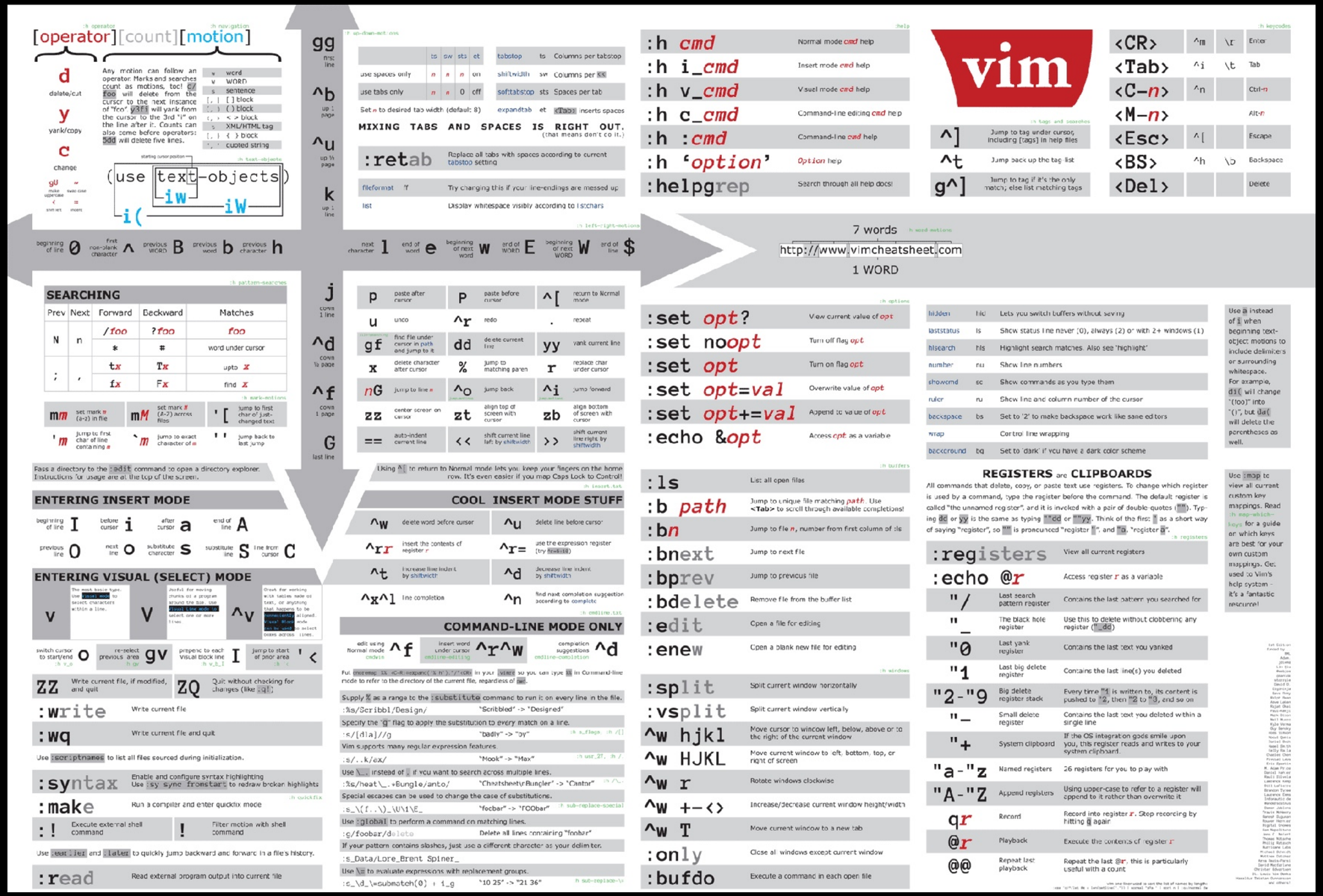

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...some weeks later...

Demo

PDE 🧰🛠️ (personal **development environment**)

- Freiheit
- Flexibilität dank Lua und riesigen Plugin-Ökosystem
- *Better understanding of your tool belt™*
- CLI hat ihren Schrecken verloren

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PDE 🧰🛠️ (personal **development environment**)

» Entdeckung der wunderbaren Welt der Kommandozeile

» **viel** neues gelernt (Vim, Lua, 10 Finger System) ⌨️

» deprecation of the 🖱️

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Danke

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Links

- » Neovim
- » LazyVim
- » NeoVim for the ambitious developer
- » xcodebuild.nvim
- » Neoxcd
- » Neotest Swift Testing
- » The Primeagen
- » TJ DeVries

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