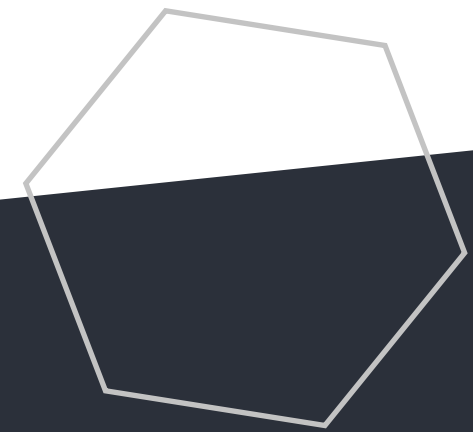


# Language Server Protocol

# How it used to be



custom language support

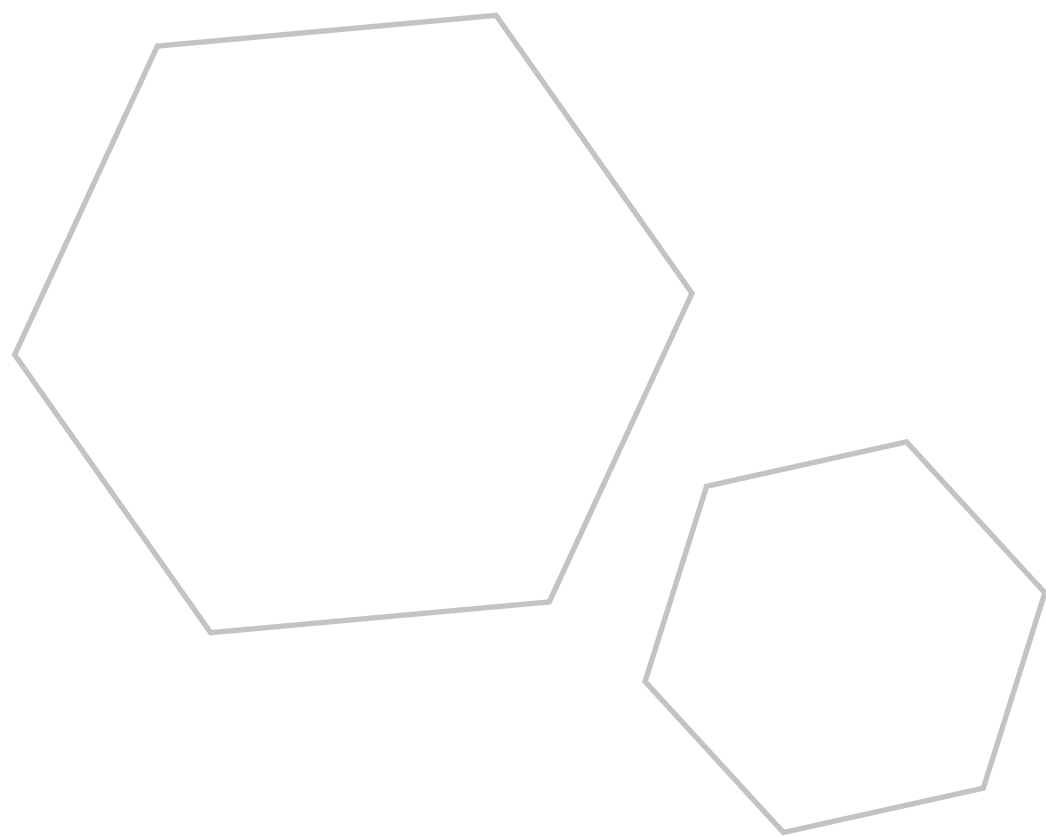
each editor duplicates effort

$M \times N$  problem

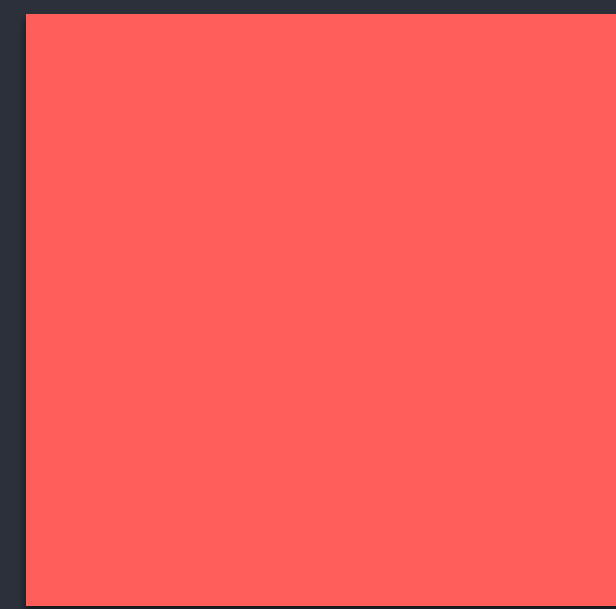


# What is LSP

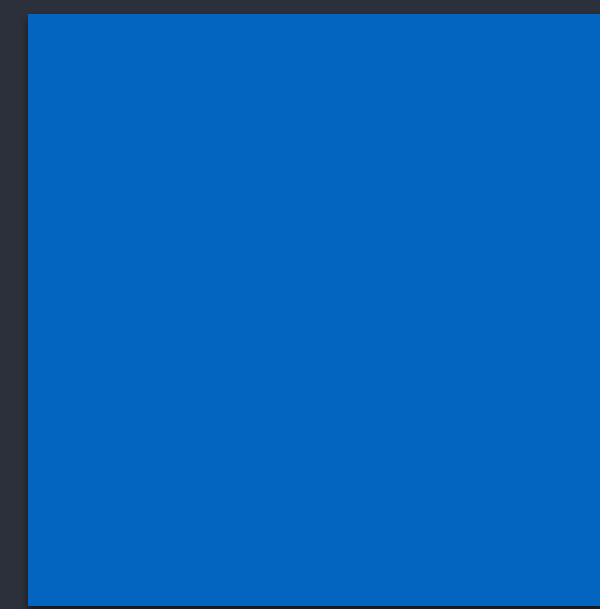
a standard **interface** to  
interact with **source** code



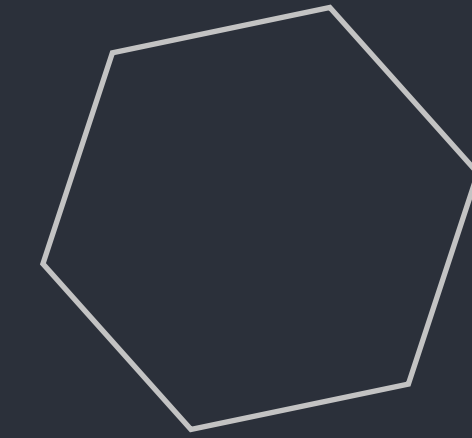
# The protocol



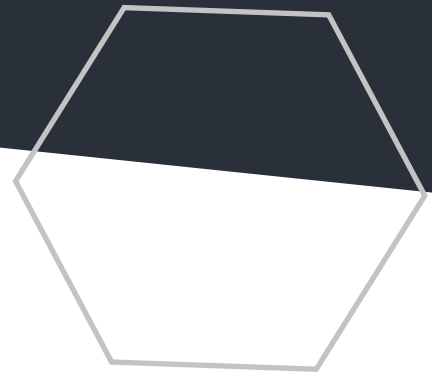
client



server



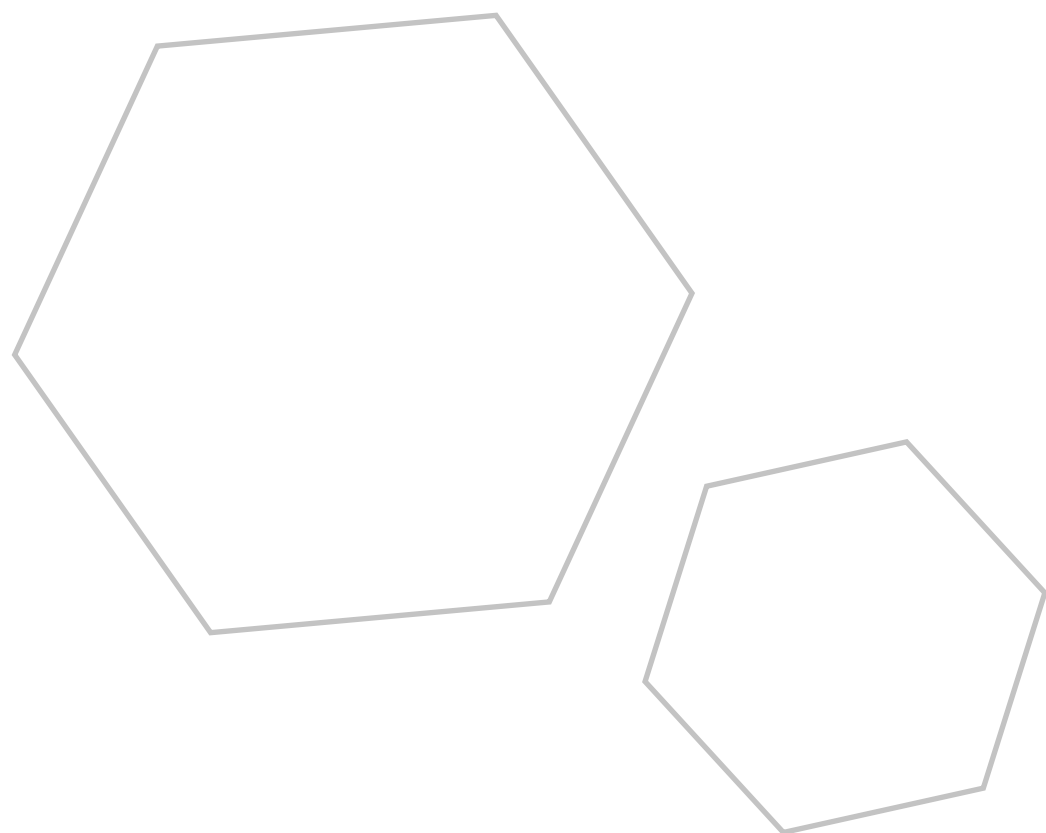
# Where it came from



developed for **VS Code**

widespread **adoption**

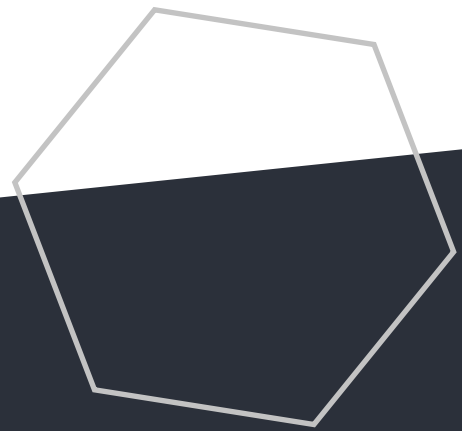
will be used by **Apple**



**chime**

[chimehq.com](https://chimehq.com)

# The good



defacto standard

highly capable

open source



# The bad

missing critical features

lots of custom extensions

immature servers



# Two Servers

(and custom stuff)

# SwiftLSPClient

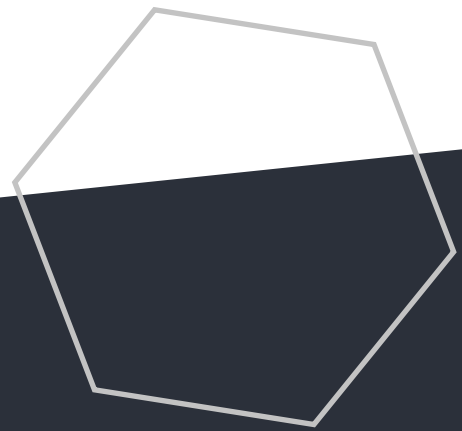
[github.com/chimehq](https://github.com/chimehq)

# SwiftLSPClient

supports 17/44 operations

used in a “real” app

actively supported



LSP has **lots** of promise

Thank You

- @mattie