CodeCrafters   Catalog   Badges   Vote   Feedback   Upgrade   tasnuva1 ∨

Challenges

Build your own Kafka

Learn about TCP servers, the Kafka
wire protocol and more.

0/18 stages   →

Build your own Shell

Learn about parsing shell commands,
executing programs and more

0/12 stages   →

Build your own Interpreter

Learn about tokenization, ASTs, tree-
walk interpreters and more.

0/48 stages   →

Build your own HTTP server

Learn about TCP servers, the HTTP
protocol and more

1/11 stages   →

Build your own Git

Learn about git objects, plumbing
commands and more

3/7 stages   →

Build your own grep

Learn about regex syntax: character
classes, quantifiers and more

1/15 stages   →

Build your own SQLite

Learn about SQL syntax, SQLite's file format, B-trees and more

1/9 stages →

Build your own Docker

Learn about kernel namespaces, chroot, the registry API and more

1/6 stages →

Build your own DNS server

Learn about the DNS protocol, DNS record types and more.

1/8 stages →

Build your own BitTorrent

Learn about .torrent files, the BitTorrent Peer Protocol and more

1/19 stages →

Build your own Redis

Learn about TCP servers, the Redis protocol and more

1/55 stages →

Language Tracks

Rust Popular

10/202 stages →

Go Popular

202 stages →

Python Popular

202 stages →

C

105 stages →

C#

124 stages →

C++

136 stages →

Clojure

55 stages →

Crystal

55 stages →

Dart

11 stages →

Elixir

85 stages →

Gleam

156 stages →

Haskell

107 stages →

Java

JavaScript

🎓 154 stages   →   🎓 190 stages   →

Kotlin   K   Nim   🧔

🎓 184 stages   →   🎓 0 stages   →

OCaml   🐫   PHP   *php*

🎓 103 stages   →   🎓 55 stages   →

Ruby   💎   Scala   ≡

🎓 109 stages   →   🎓 55 stages   →

TypeScript   TS   Zig   Z

🎓 124 stages   →   🎓 154 stages   →

Programming challenges for seasoned developers.

CHALLENGES

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