Creating and Debugging Programs

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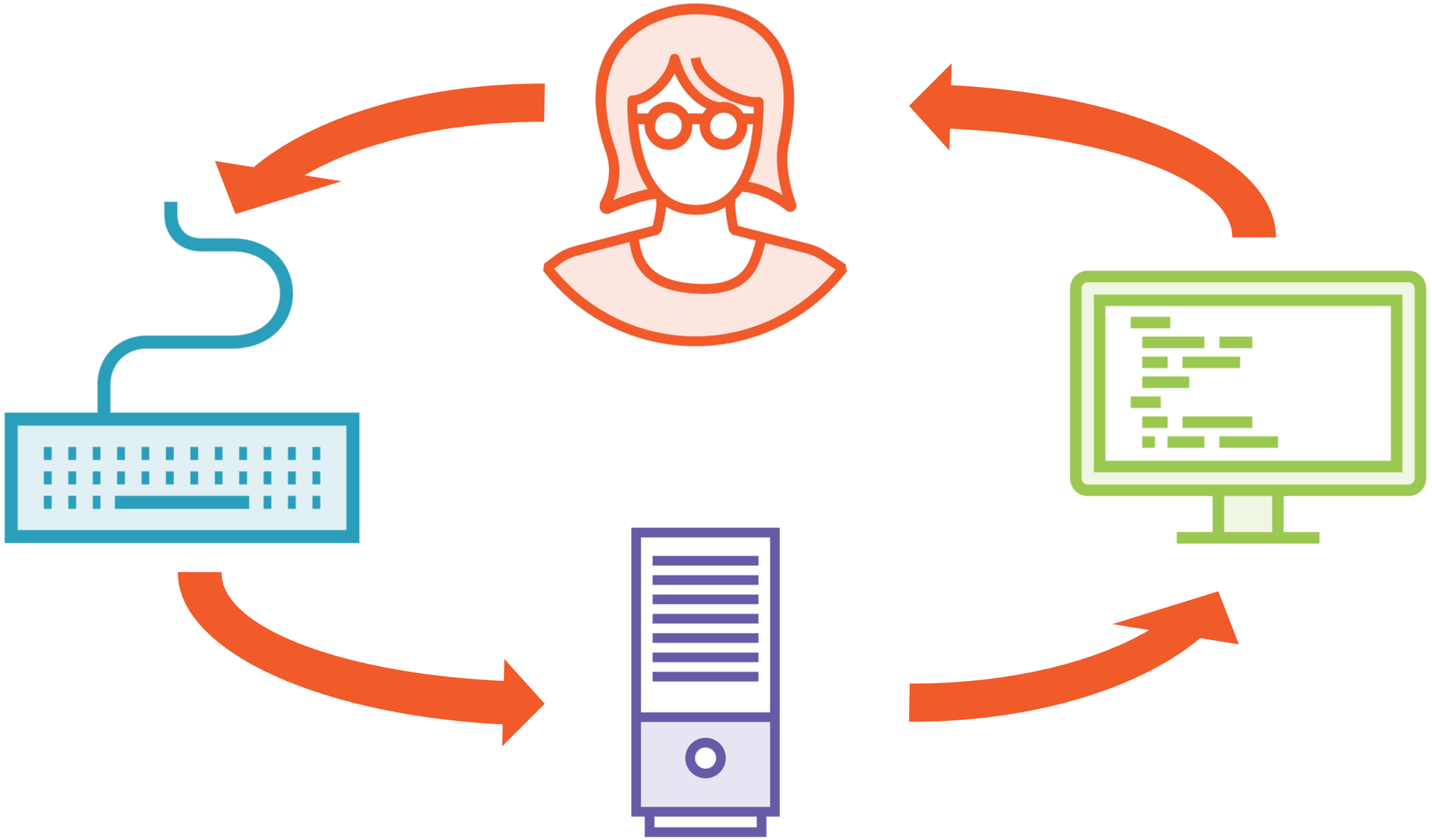
Introduction

Creating a CLI Application

Creating a Web Service

Debugging with VS Code

Command-line Interface Applications



CLI Tools in Standard Library

os

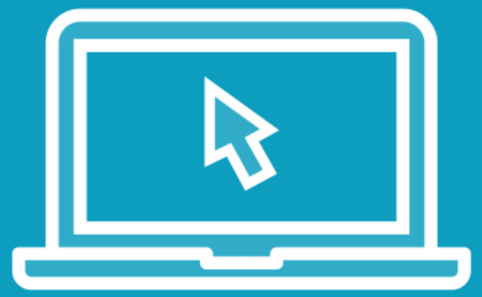
- Stdin
- Stdout
- Stderr

fmt

- Scan*
- Print*

https://pkg.go.dev/bufio

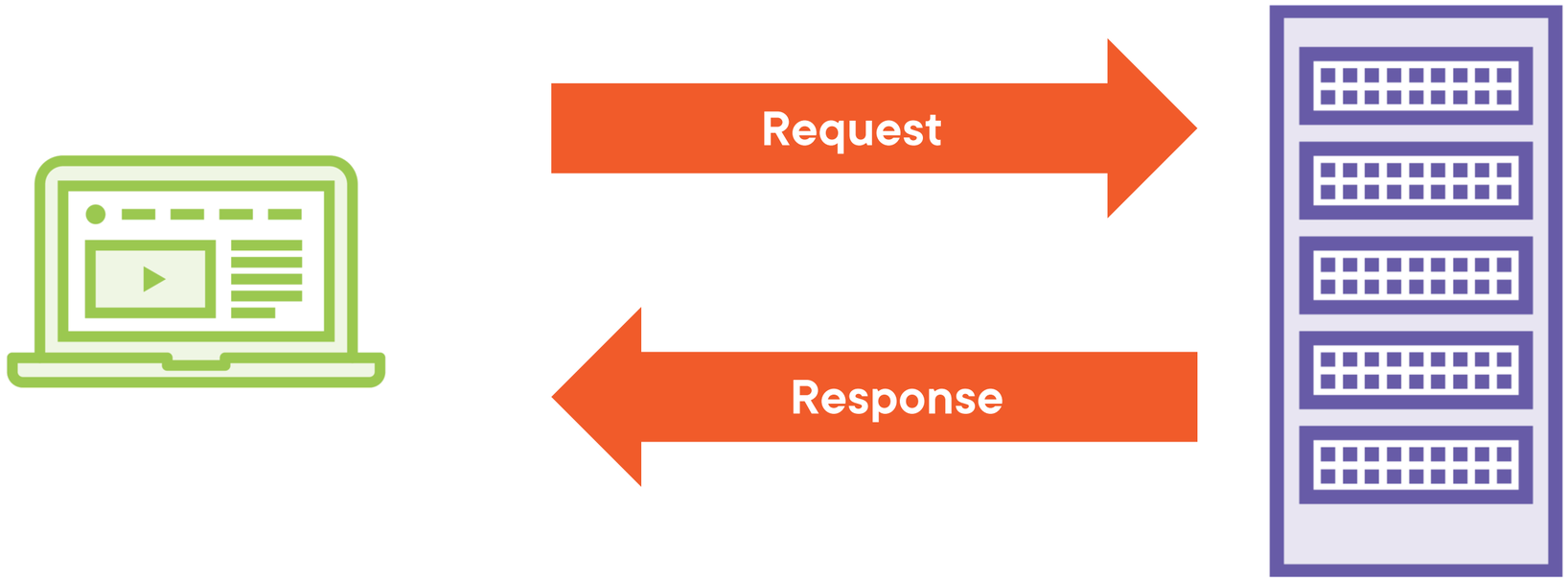
Demo



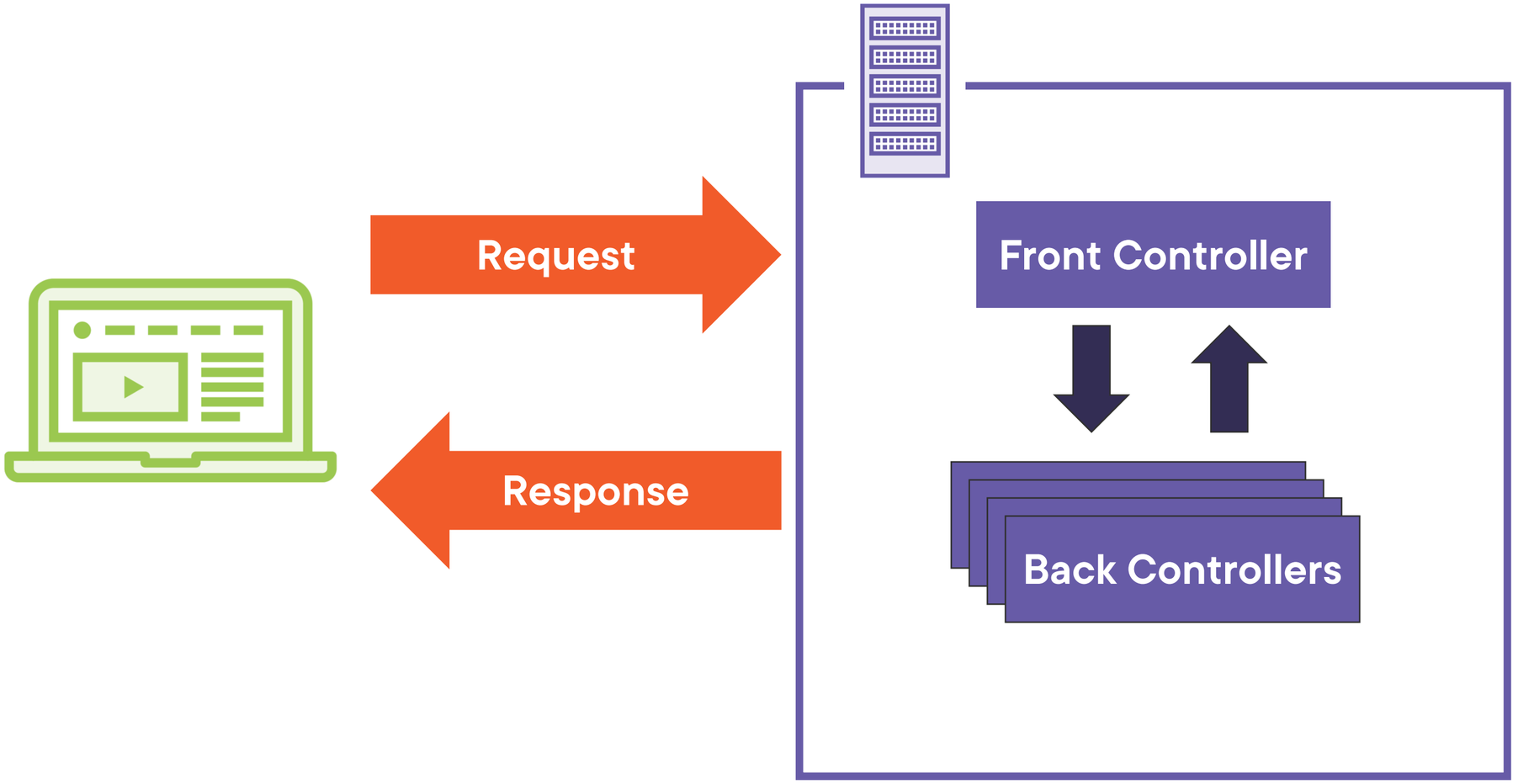
Create CLI

- simple CLI that asks user to provide message
- echo message back to user

Web Services



Web Services



https://pkg.go.dev/net/http

Additional Resources

HTTP Fundamentals by Scott Allen

app.pluralsight.com/library/courses/xhttp-fund

Creating Web Services with Go 1 by Alex Shultz

app.pluralsight.com/library/courses/creating-web-services-go/

Demo

Web Service

- create menu items from a file and dump contents to response

Demo

Debugging

- show delve site
- create debugging profile
- debug app

Summary

Creating a CLI Application

Creating a Web Service

Debugging with VS Code