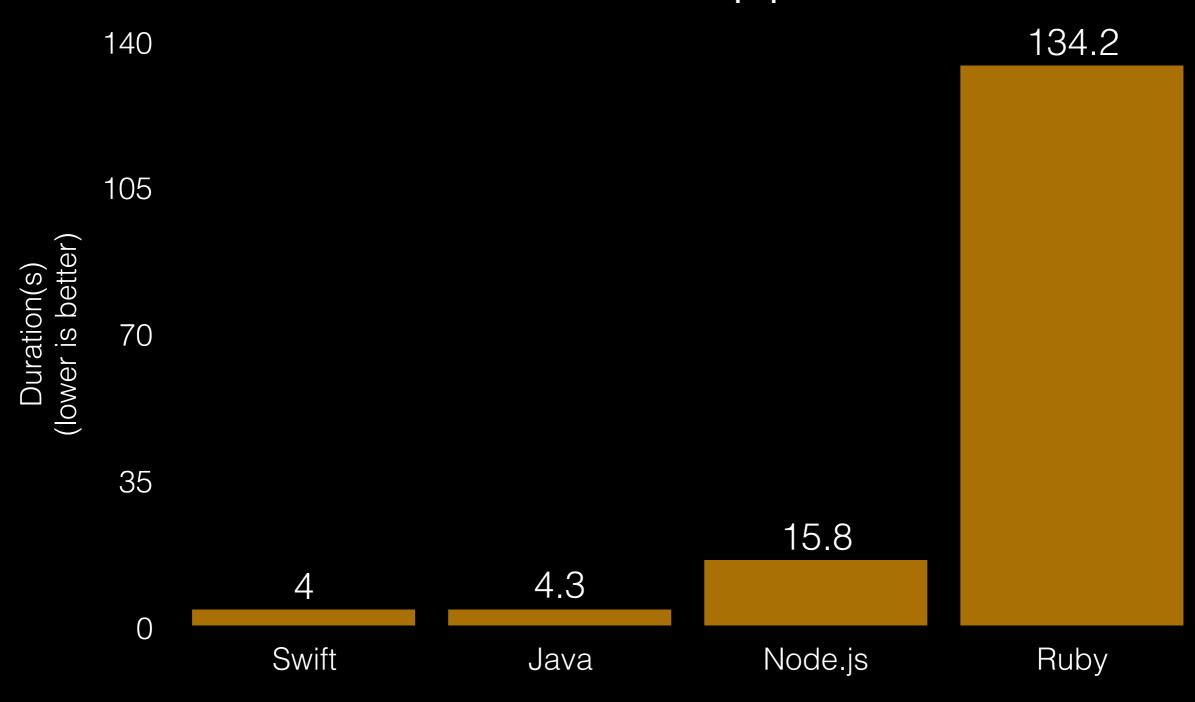
Server Side Swift. Perfect

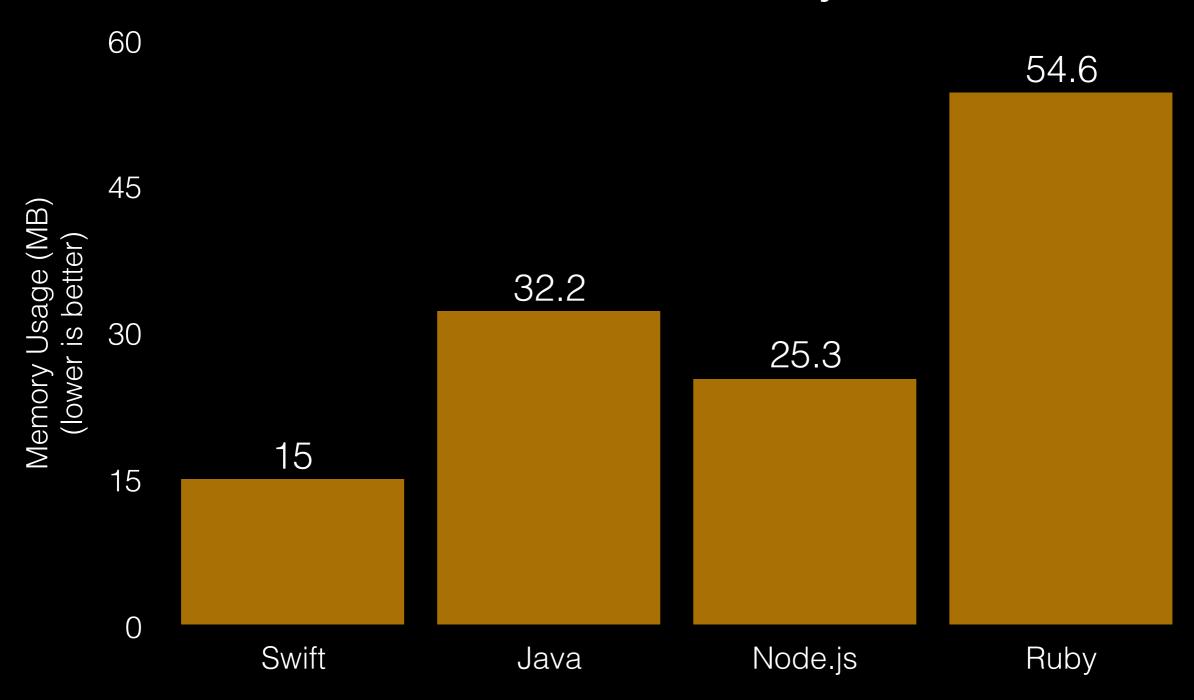
~ Smit Sonani sonanismit@gmail.com

Why Swift @Server?

Performant Application



Low Memory



- Modern ~ Functional, Protocol-Oriented
- Safe ~ Static Typed, guard, defer, if let, do try catch
- Interactive ~ Playgrounds
- 2nd Most ~ In 2016, After Rust
- In Top 10 ~ TIOBE Index, March 2017
- Integrated developer experience

Frameworks . Swift

Perfect

- √ 10k+ ★
- ✓ Like rails for swift
- ✓ largest set of features

Vapor

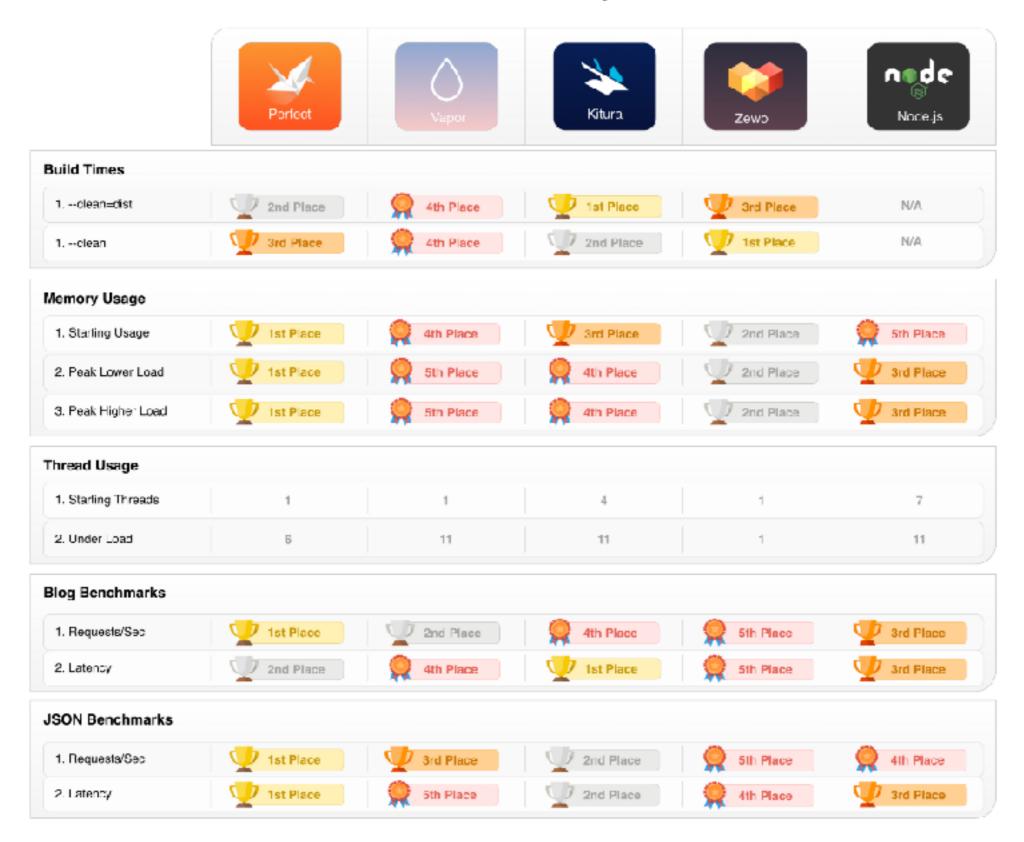
- √ 9k+ ★
- ✓ Laravel-inspired
- √ Easy-to-learn and use comparatively
- ✓ Screencasts available @RayWenderlich.com

Kitura

- ✓ 5.4k+ ★
- ✓ Express.js-inspired framework
- √ Syntax similar to Vapor

Benchmarks . frameworks

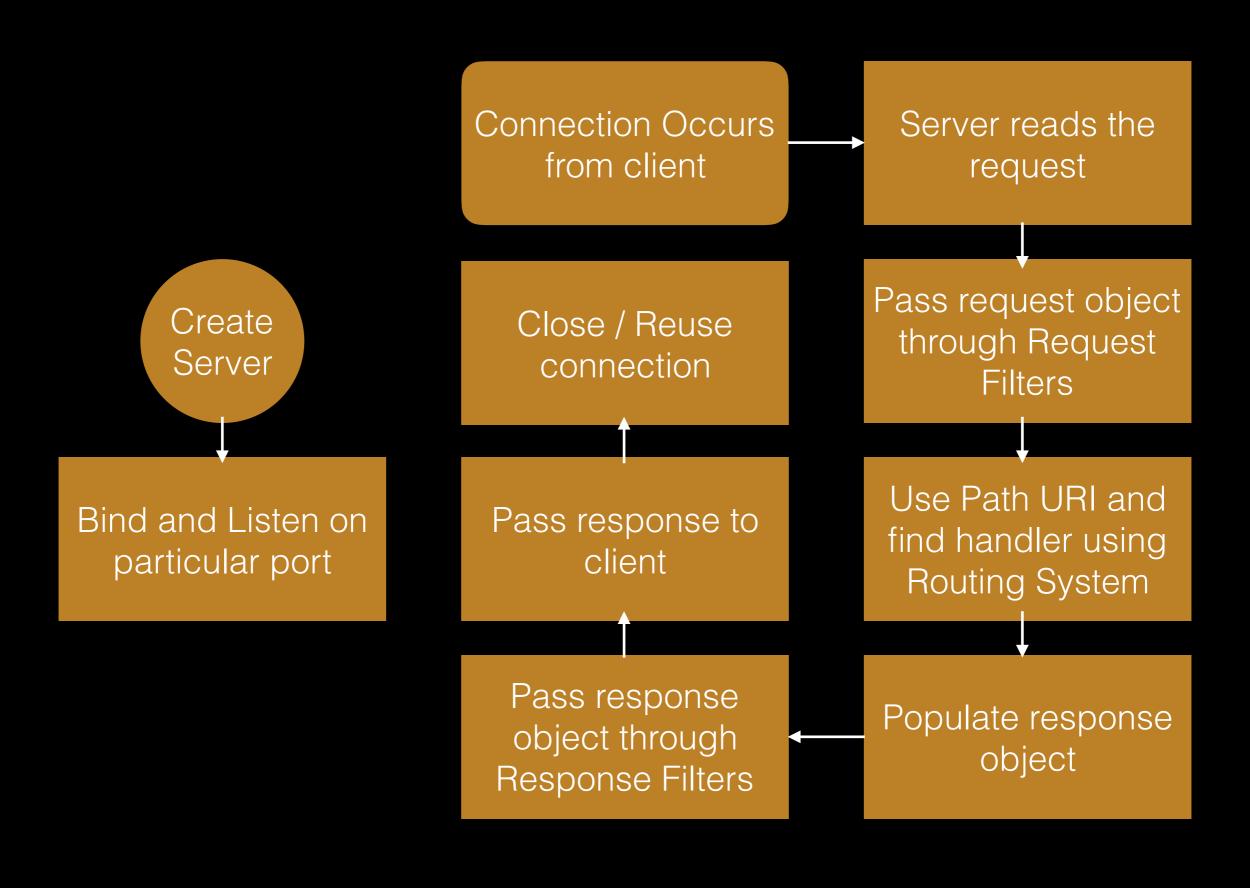
Results Summary



Perfect . features

- Web Request / Response Handling
- Authentication ~ using Turnstile
- StORM
- Session Management ~ using StORM and Database
- Templating ~ Mustache
- DB Connectors ~ PostgresSQL, MongoDB, MySQL, etc.
- Cloud hosting support ~ AWS, Google Cloud Platforms, Heroku, etc
- many others @ http://perfect.org

Request / Response . cycle



Route . types

Example

Variable

/foo/{bar}/baz

Literal

/foo/bar/baz

Wildcard

/foo/*/baz

Trailing Wildcard /foo/**

Priority

Demo . RESTful API Server

SessionError.doubt(description: Any)

Thank.you!!!