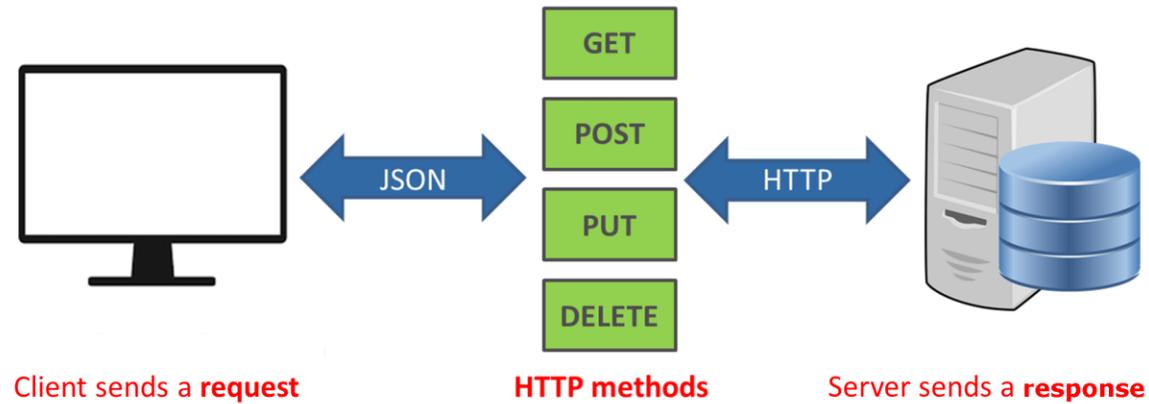


REST web server generation

Domen Vake

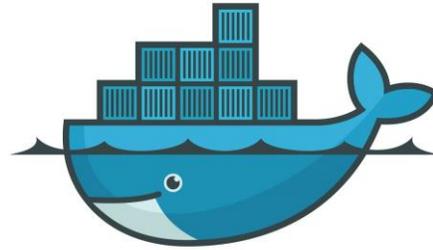
REST API

- ▶ GET, POST, PUT, DELETE
- ▶ Stateless
- ▶ Routes represent models



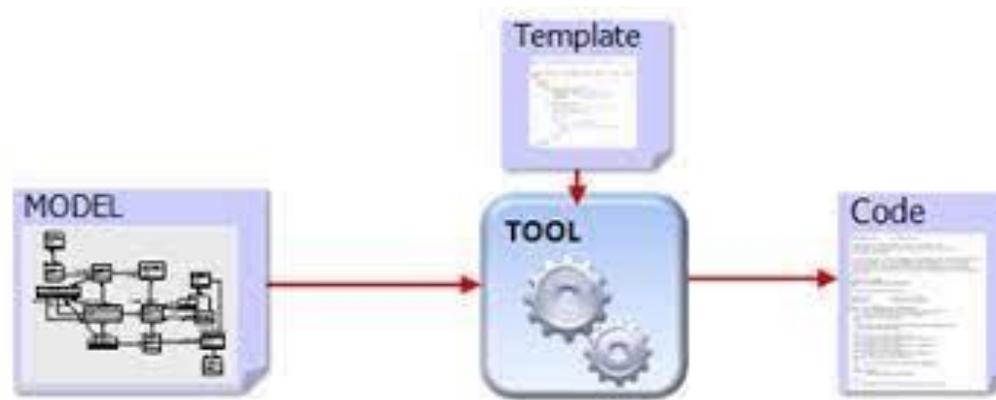
Desired result

- ▶ Node
- ▶ Routes structured by models
- ▶ Database migration
- ▶ Authentication
- ▶ Docker containerization



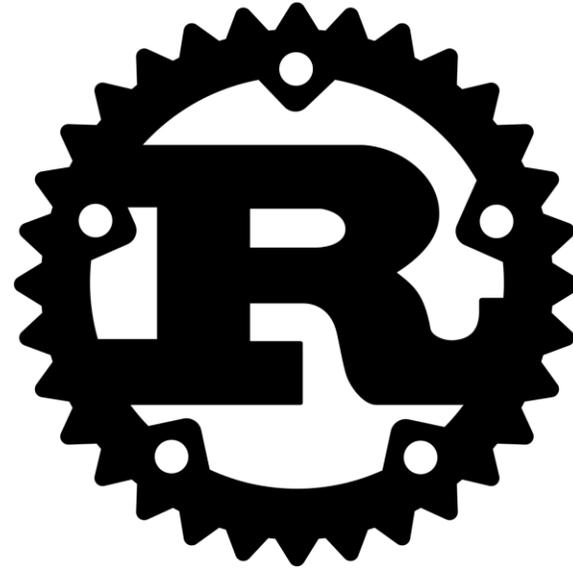
Code generation

- ▶ Read file
- ▶ Parse file
- ▶ Generate strings
- ▶ Paste into another file



Code generation

- ▶ Rust programming language
- ▶ CLI interface
- ▶ Configuration files
- ▶ Parse models and generate Nodejs project



```
vake@vake-XPS-15-9560-~/Projects/tmp/bla
~/Projects/tmp/bla > cat brandybuck.config.json
{
  "project_name": "Unknown",
  "port": 3000,
  "auth": false,
  "model_source": "./brandybuck.models.json",
  "database": "SQLITE",
  "documentation": true,
  "docker": {
    "port": 3000,
    "traefik2": false
  },
  "log": true
}
~/Projects/tmp/bla >
```

Demo time!

- ▶ Two commands:
 - ▶ init
 - ▶ build
- ▶ Deployed to snap-store

