

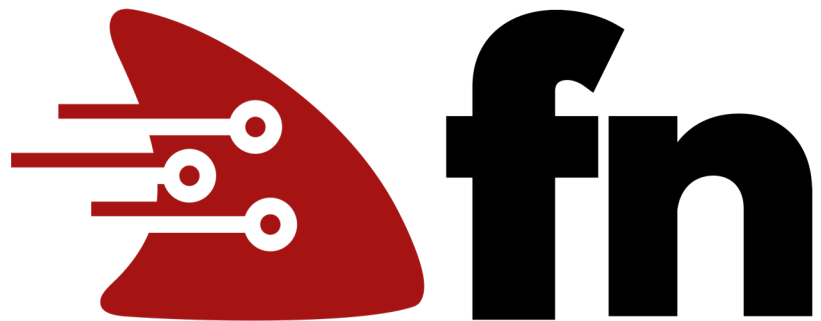
Getting Started with Functions and the Open Source Fn Project

HOL5446

Shaun Smith
@shaunMsmith

David Delabasse
@delabasse





www.fnproject.io

Introducing the Fn Project

- Open-source serverless compute platform
- Can be deployed to any cloud and on-premise
- Simple, elegant, and extensible by design
- Containers are primitives
- Active w/ 2500+ commits across 50+ contributors
- Strong enterprise focus (security, scalability, observability, etc.)

Function Development Kits (FDKs)

- Used to help with parsing input and writing output
- Simply write a `handler` function that adheres to the FDK's interface and it will parse input and provide it to your function and deal with writing the proper output format.
- Makes it a lot easier to write functions



Functions == Containers

Functions are packaged as containers—so any container can be deployed as a function

Package and reuse open source libraries as functions!



Fn CLI

- `fn init --runtime go`
- `fn build`
- `fn deploy --app myapp`
- `fn invoke myapp myfunc`

trigger → `http://localhost:8080/t/myapp/myfunc`

Labs: <http://tinyurl.com/funclab18>

- Installing Fn
- Your First Function
- Introducing the Java Function Development Kit
- Troubleshooting
- Containers as Functions
- Function Applications