FOUNDATION

Day 1: FP essential

Module 1: Function

- First class functions
- Recursion, Lazyness
- Pure functions

Module 2: Side Effects

- How to control effects
- Thunk / IO
- Async

Day 2: Errors

Module 3: Error Handling

- How to safely deal with runtime errors
- Compare error types: Option, Try, Either

Module 4: Types

- Unrepresentable state
- Cardinality
- How to measure the impact of types and tests

Out of scope

How to build a complete FP application

Library specific API

Scala/JVM low level optimisations

Course format

Schedule for today

09.00 Start morning session

10.30 Break 15 min

12.15 Lunch Break

13.15 Start afternoon session

14.30 Break 15 min

16.00 Break 15 min

17.15 Wrap-up

Links

Github: https://github.com/fp-tower/foundation

Chat: https://gitter.im/fp-tower/foundation

Twitter: https://twitter.com/TheFpTower

Sponsoring: https://www.patreon.com/julien_truffaut

Email: info@fp-tower.com

Module 1: Function