

Boundaries

Gary, Bernhardt.



- * Fast tests
- * Enable outside-in TDD



Not running
against production
code

Test doubles
for isolation

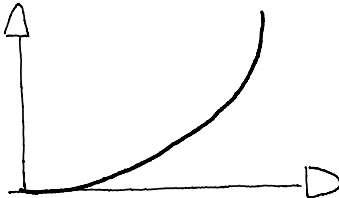
* Contract & Collaboration
testing

* Tooling

* Strict typing

* Integration tests

↳ They end up
taking too long
to run



Are not good
enough solutions



The VALUE is the BOUNDARY

↳ Think Value Object

3 Paradigms

* procedural * object * functional

Just a joke name → FauxO: immutability from FP to OOP

== FAUXO ==

Separate code in 2 parts

-- Core --

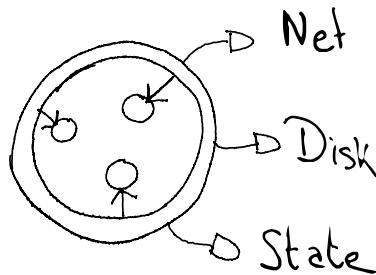
lot of paths
Few dependencies

⇒ Isolated testing

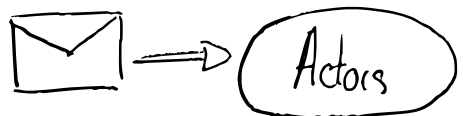
-- Shell --

lot of dependencies
Few paths

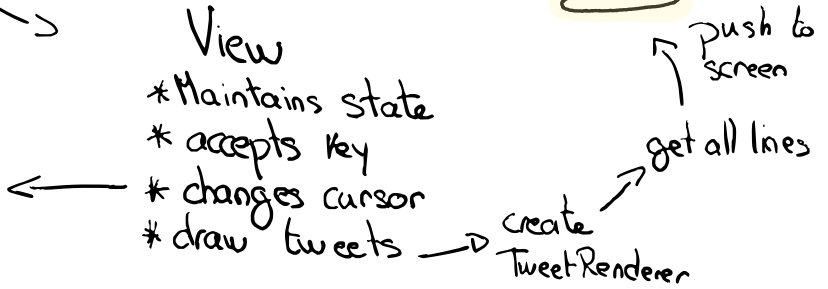
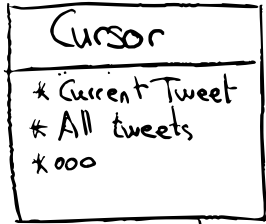
⇒ Integrated testing.



Good for concurrency with actors: every value is a message

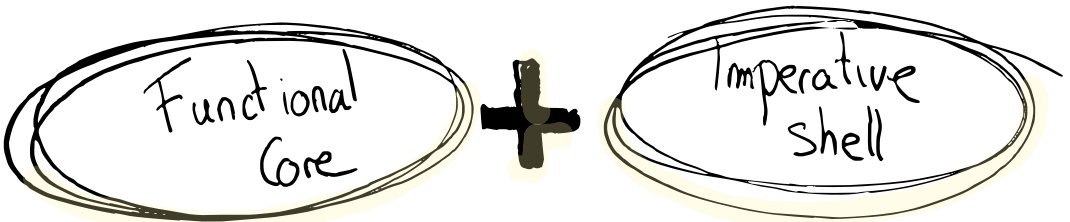


Example of a Twitter Client



Action on cursor returns
a new cursor
→ a value

-
- * Core tests are really simple
 - * Shell is so simple that it doesn't need tests
-



Core tests are really simple

Not worth testing the shell because
too simple

Functional Core — Imperative shell