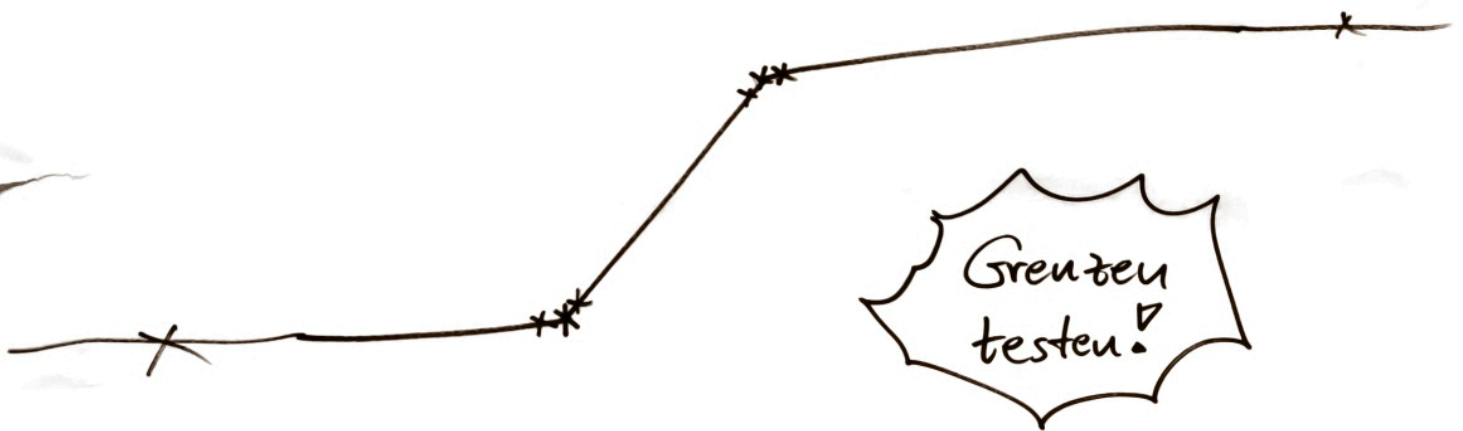
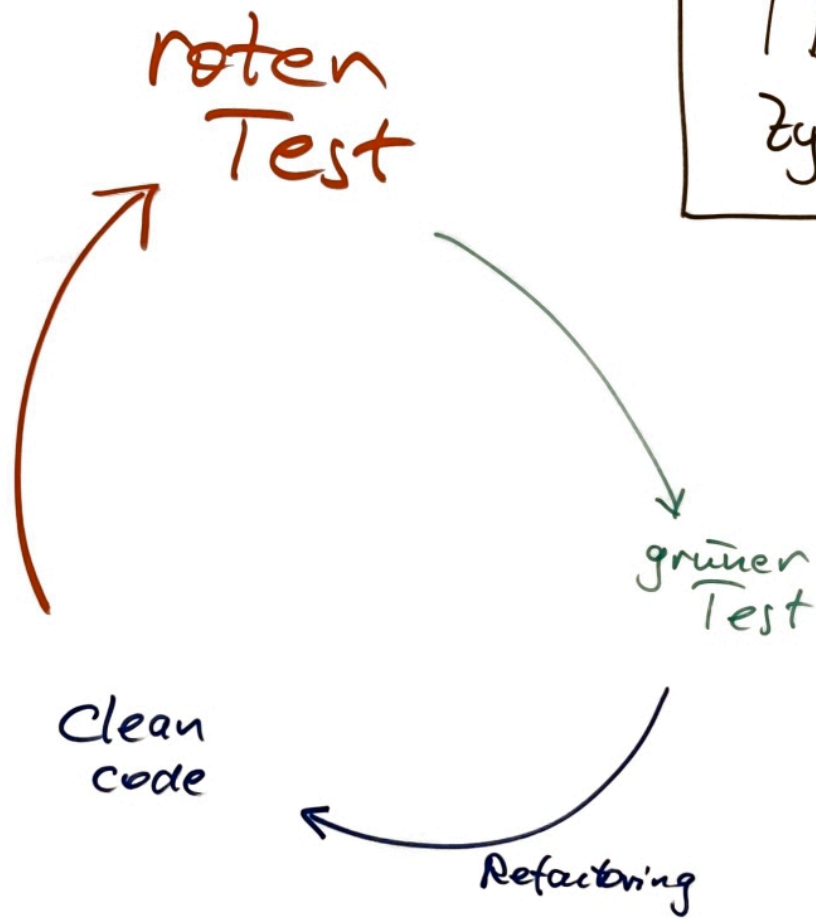


TDD-Zyklus

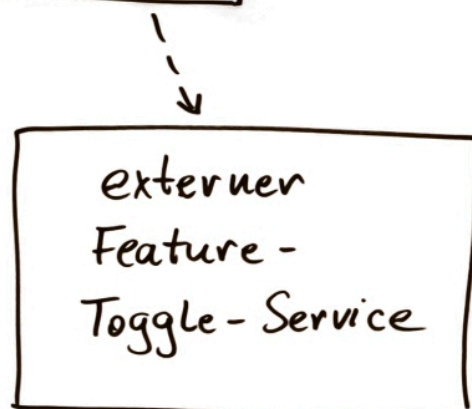
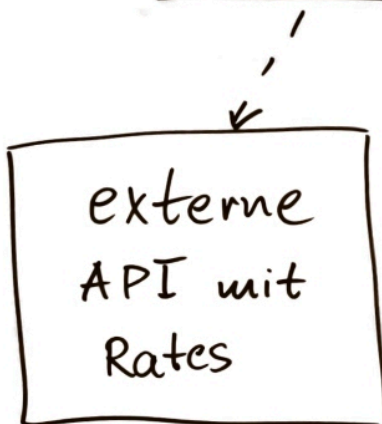
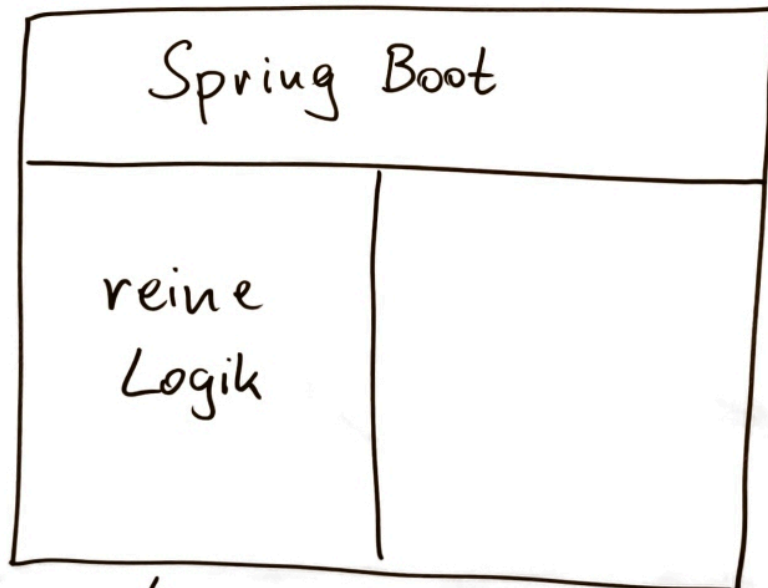
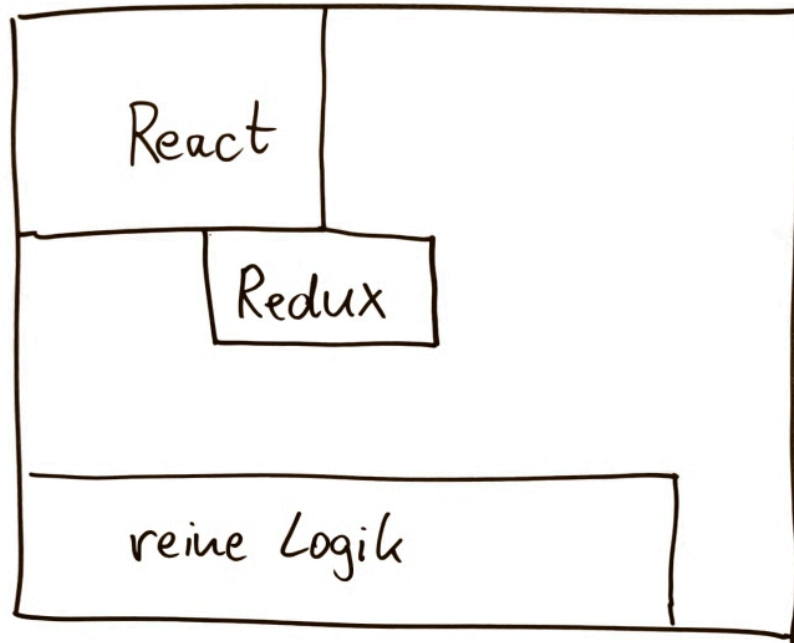


Obvious implementation

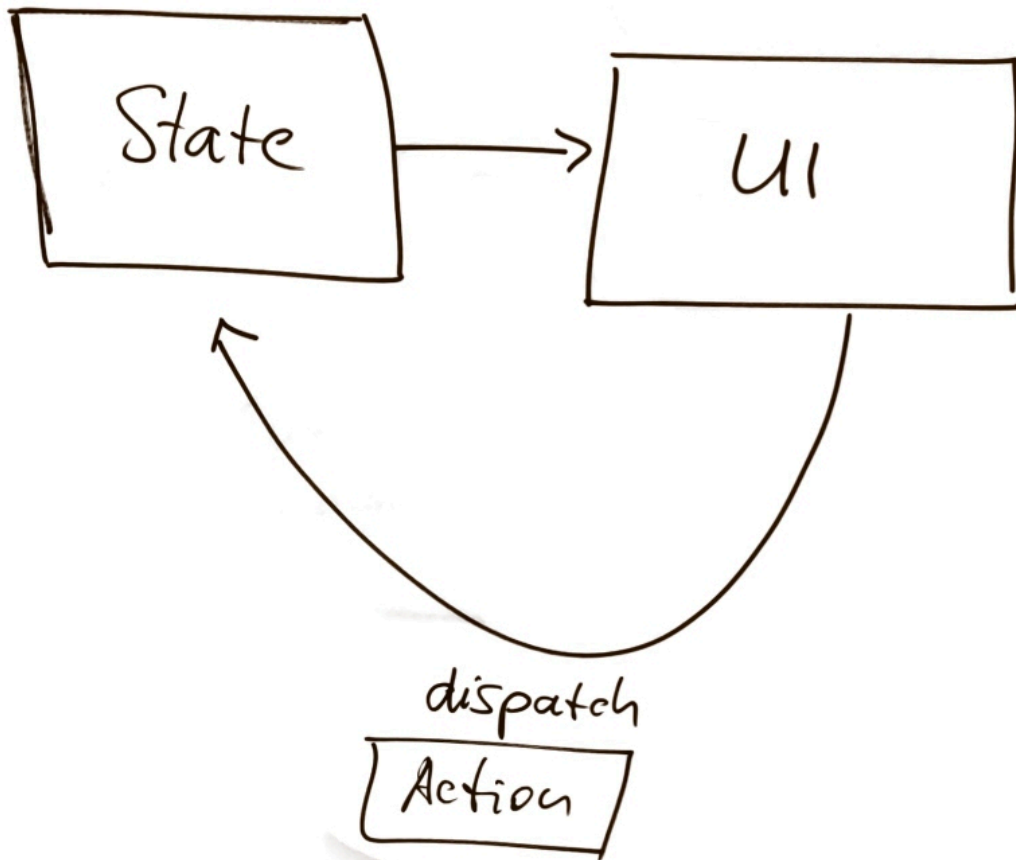
Fake it 'til you make it

Triangulation

TDD-
Patterns



Redux



schnell

"blazing fast"

$\leq 0.01s?$

isoliert

voneinander

Von
externen
Faktoren

z.B. Umgebung

reproduzierbar

klein

wenige
Integrations-
schichten

fokussiert

eine
Verantwortung

prägnant

verständlich

F

ast

I

solated

R

repeatable

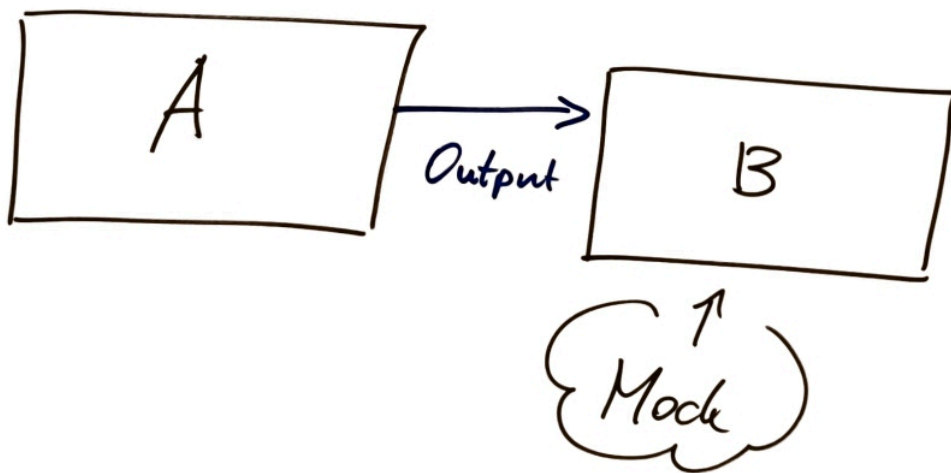
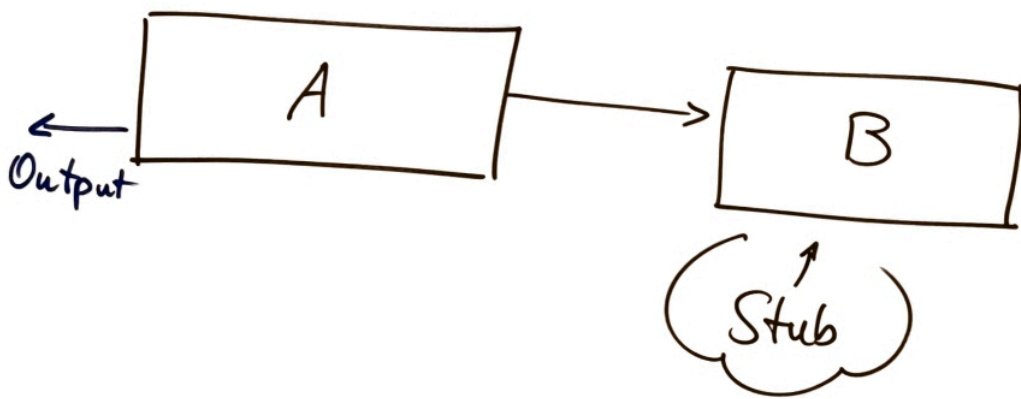
S

self-verifiable

T

imely

Güte-
Kriterien für
Mikro-Tests



business

- langsam
+ echtes
Feedback
- geringe
Fehler-Wahrsch.
- umfang-
reiches
Test-Setup

Acceptance
tests

User
Test
(Kunden)

A/B-
Tests

check for

SNAPSHOT
TESTS

E2E-
Tests

Smoke
Test

Explorati-
ve
Tests

Integration
Test

Unit Tests
(e2e)
echter
Browser)

Load
testing

Performance
Tests

analyze undefined,
unknown, unexpected

Parametri-
sierte
Tests

Unit
Tests

Contract
Test

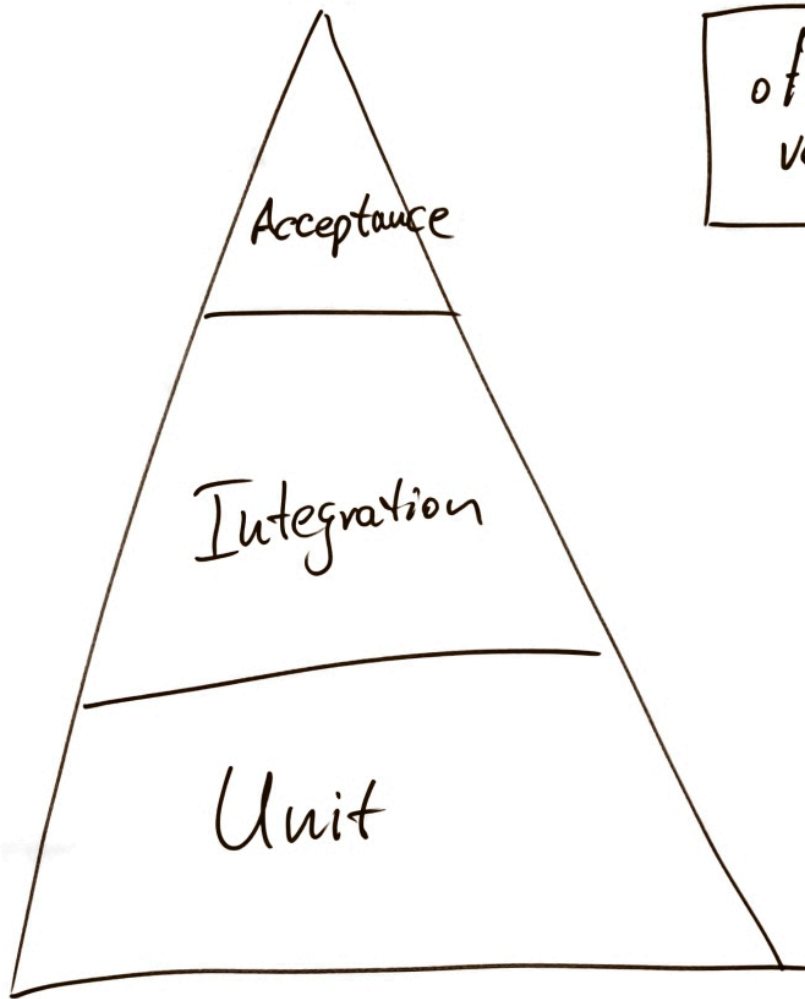
Fuzzing

Mutation
testing

Penetration-
Tests

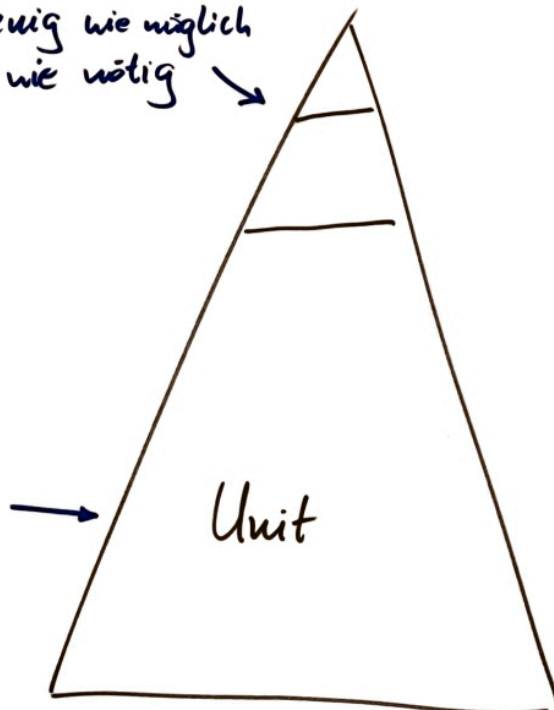
PBT/
Generative
Tests

technology



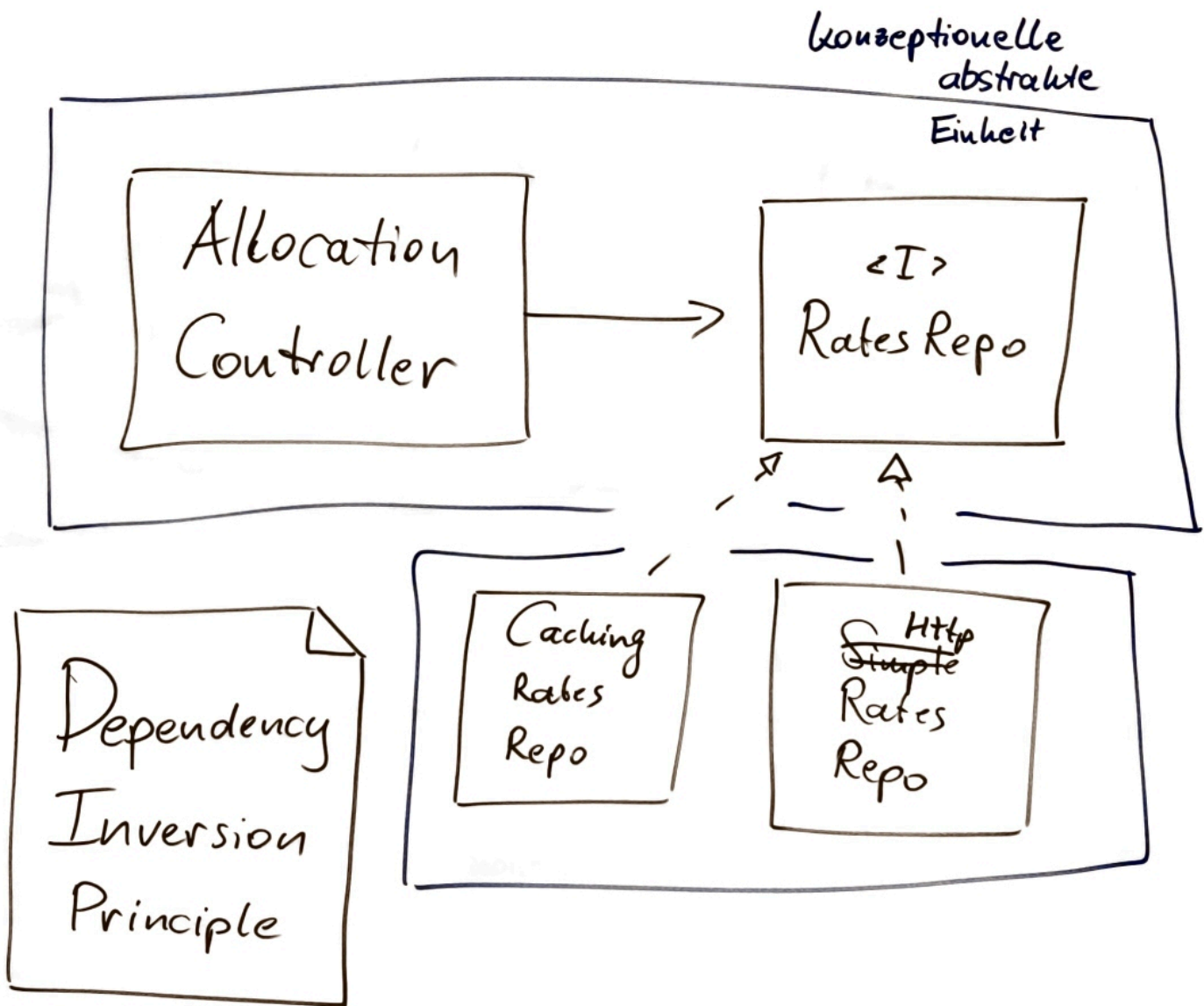
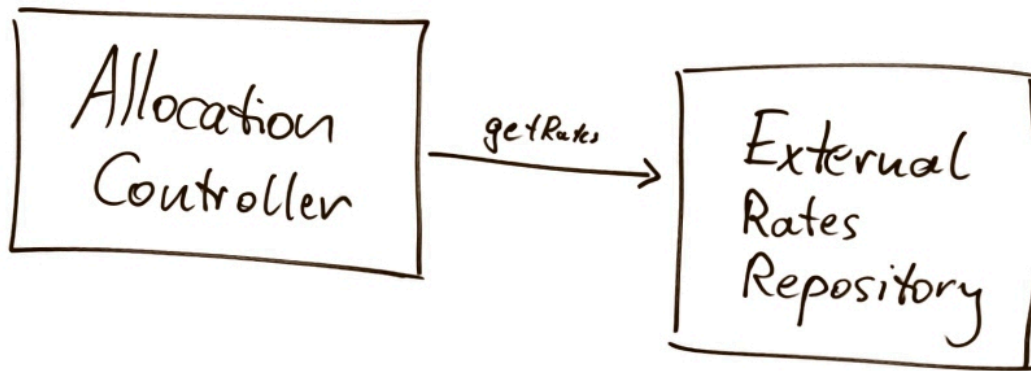
oft
vorgeschlagen

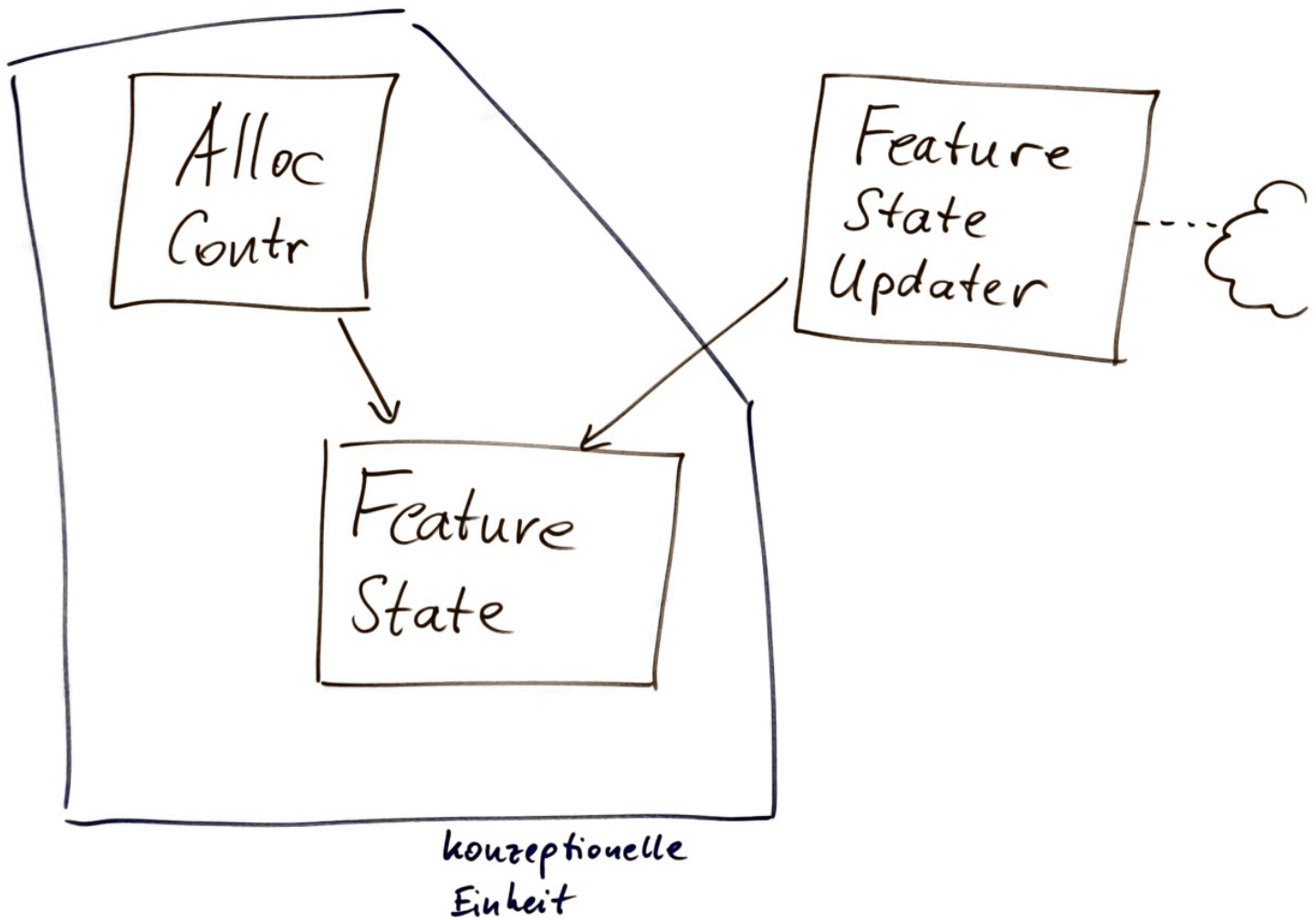
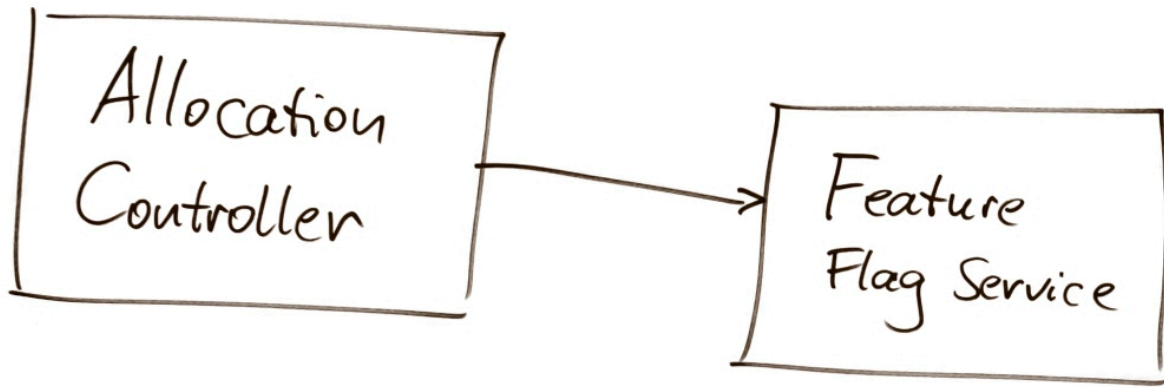
so wenig wie möglich
so viel wie nötig →



so viel
wie
möglich →

meine
Empfehlung





index.js

AppShell.jsx

App.jsx

/features.js

/

Allocation
Calculator.jsx

Error Alert.jsx

Vertical
Container

Input
Groups.jsx

Error
Alert
Presentation.jsx

Containers

Best Rate.jsx

Allocations.
jsx

Panels

presentation

redux.js

request.js

utils

formatting.js

reducers/
allocations

reducers/
errors

reducers/
features

reducers

actions/
allocations

actions/
errors

actions/
features

actions

constants

/

App.jsx

redux.js

AppShell.jsx

index.js

Allocations

Allocation
Calculator.jsx

reducers/
allocations

Allocations.
jsx

actions/
allocations

ERRORS

ErrorAlert.jsx

reducers/
errors

Error
Alert
Presentation.jsx

actions/
errors

BestRate.jsx

Features

/features.js

actions/
features

reducers/
features

HTTP

request.js

presentation

Vertical
Container

Input
Groups.jsx

formatting.js

Panels

Application

Allocation
Controller

Crash Job
That Does
Stl With
Allocations

Feature
State
Store

Feature
State
Updater

Allocation
Calculator

Allocation

Platform

Platform
Tier

sparsam einsetzen

App ~~State~~ State

Redux

React Contexts

lokaler State
z.B. Input

v.a. useState

aber auch z.B.
query strings

externer State

react-query

swr

Differenziertere
Sicht auf
State Management
im Frontend

Feedback

Was hast du vermisst?

Was hättest dir anders gewünscht?

Zu viele Dependencies
→ Fokus auf die Basis-Technologien

Essen gehen am letzten Tag

Was fandest du persönlich am interessantesten?

Deine Meinung zu Unit-Tests

Test vor Pause schreiben

Was wird dir als Software Engineer am meisten helfen?

Fokus auf kleinere Tests

WICHTIGKEIT VON TESTBARKEIT

Net Promoter Score

Wie wahrscheinlich ist es,
dass du die Schulung
einem Kollegen empfiehlst?

