Software Architecture
Course's Code: CSE 483
Screaming Architecture
(Chapter 7)

Chapter 7. Screaming Architecture

7.1 What is screaming architecture?
7.2 Functional vs. categorical?
7.3 Advantages and disadvantages

What is Screaming Architecture?

Screaming architecture is about structuring your application so that it is obvious what the intention of the application is.

Or Just by looking at a new project at a glance, get the core idea of what the project does and what it is about

What is Screaming Architecture?

- Obvious intention
- Typical web application
- But what is the app about?
- It’s a store app

What is Screaming Architecture?

- New developer
- Get up to speed quickly

Chapter 6

Chapter 7. Screaming Architecture

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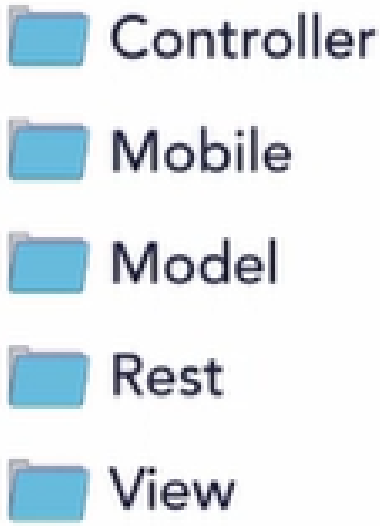
7.3 Advantages and disadvantages

Functional Cohesion vs. Logical Cohesion

- Make the intent obvious
- Structure around functional requirement
- Traditionally based on logical grouping
- Enforced by framework



Functional Cohesion vs. Logical Cohesion

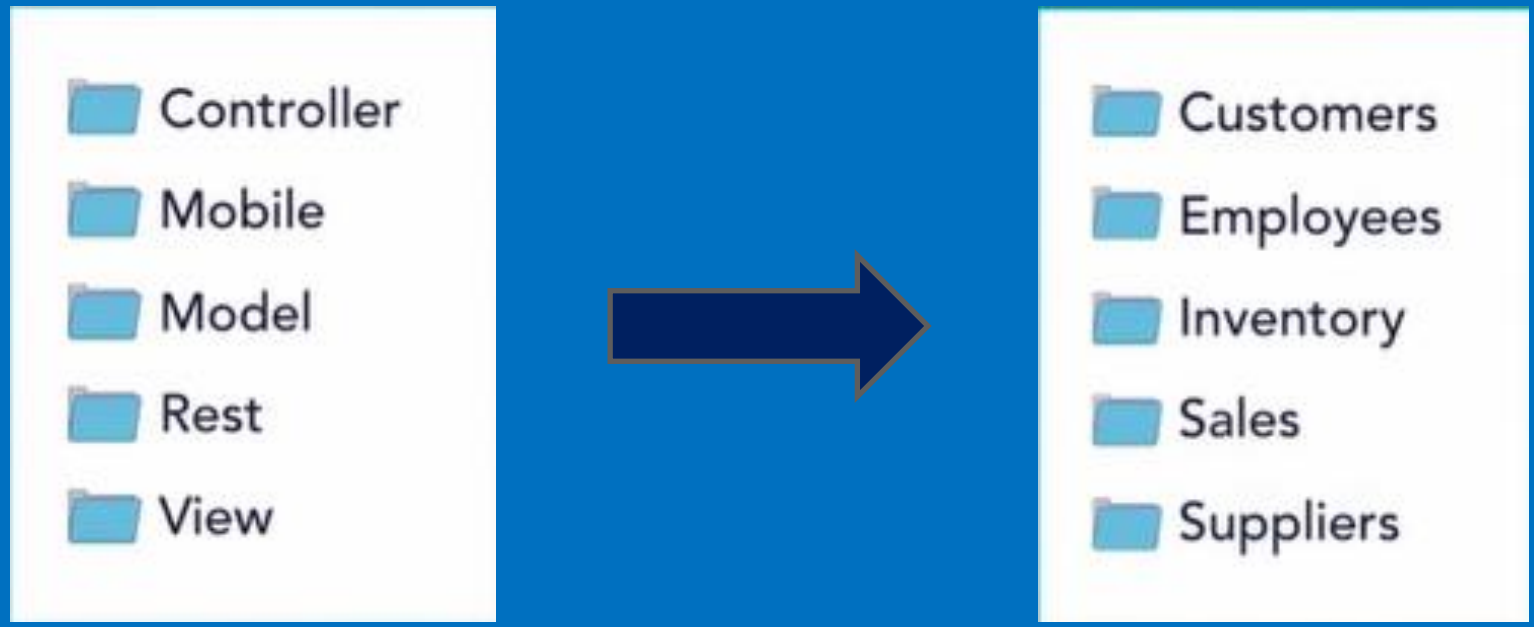
Cats

Wild Animals

Pet

Construction

Functional Cohesion vs. Logical Cohesion



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Advantages and Disadvantages

Advantages

Easier to find things

Easier to navigate the application

Better models the problem

Advantages and Disadvantages

Disadvantages

Lose convention-over-configuration benefits

Lose some automation

It’s little trickier

More expensive at first