

Getting Started With Apache Camel

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pluralsight 
hardcore dev and IT training

Getting Started with Apache Camel



Walkthrough the Case Study

- ✓ Project Download
- ✓ Application Components

Add Camel to the Case Study

- ✓ Camel Dependency
- ✓ Simple Route

Cover Camel Basics

- ✓ Camel Context
- ✓ Camel Route
- ✓ Camel DSL

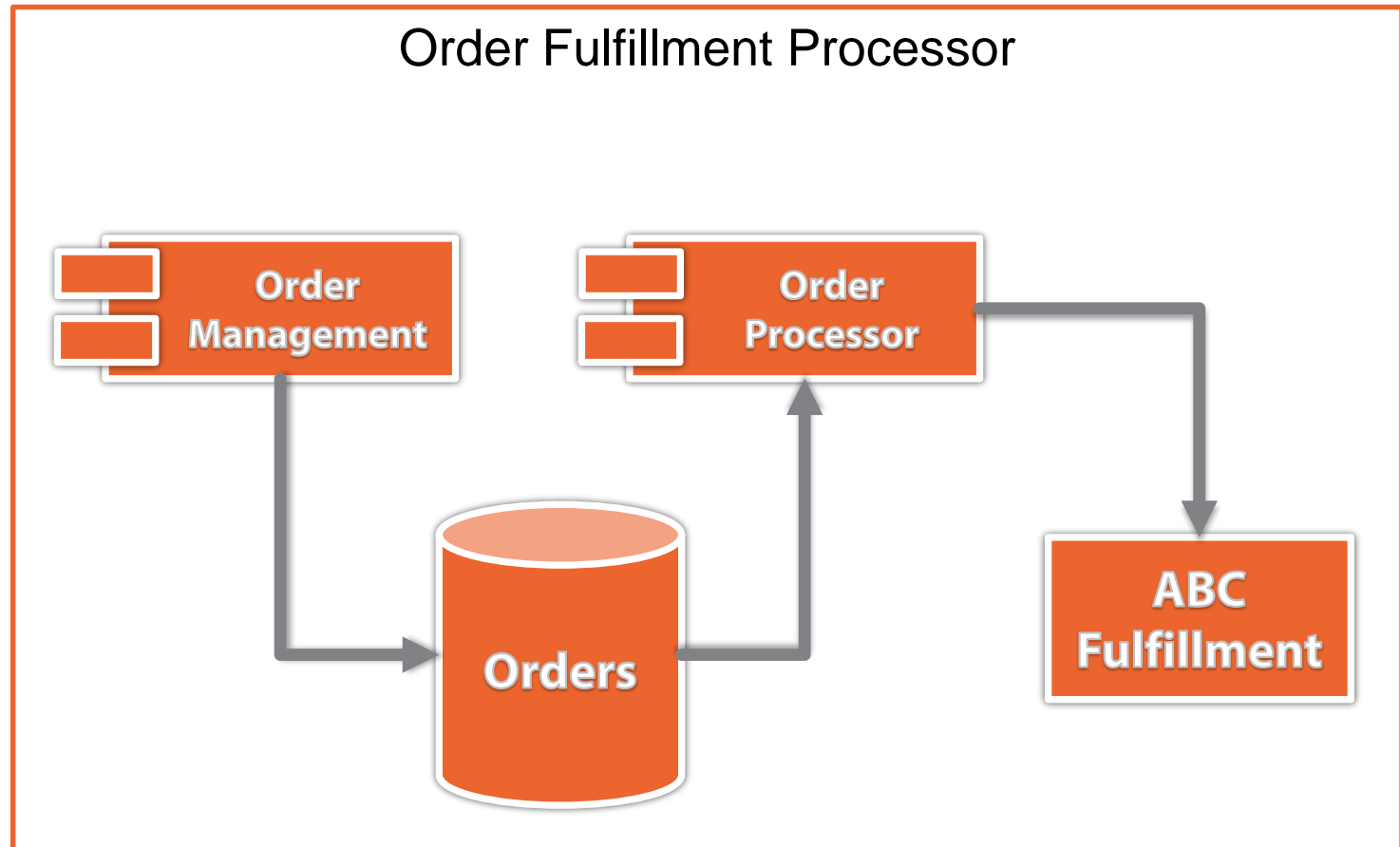
**Case
Study
Project
Download**

GitHub

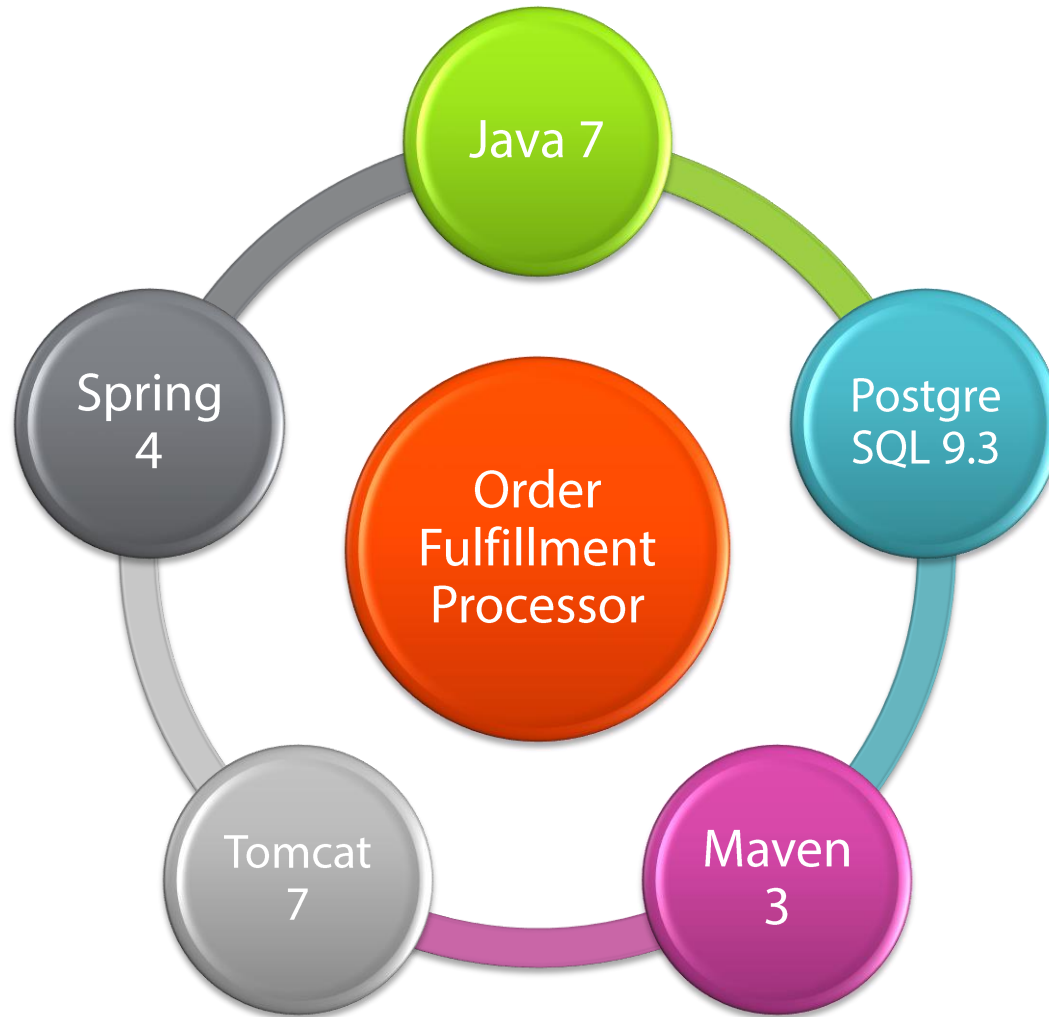
`github.com/mikevoxcap/pluralsight-camel-intro`

<http://goo.gl/BTaocO>

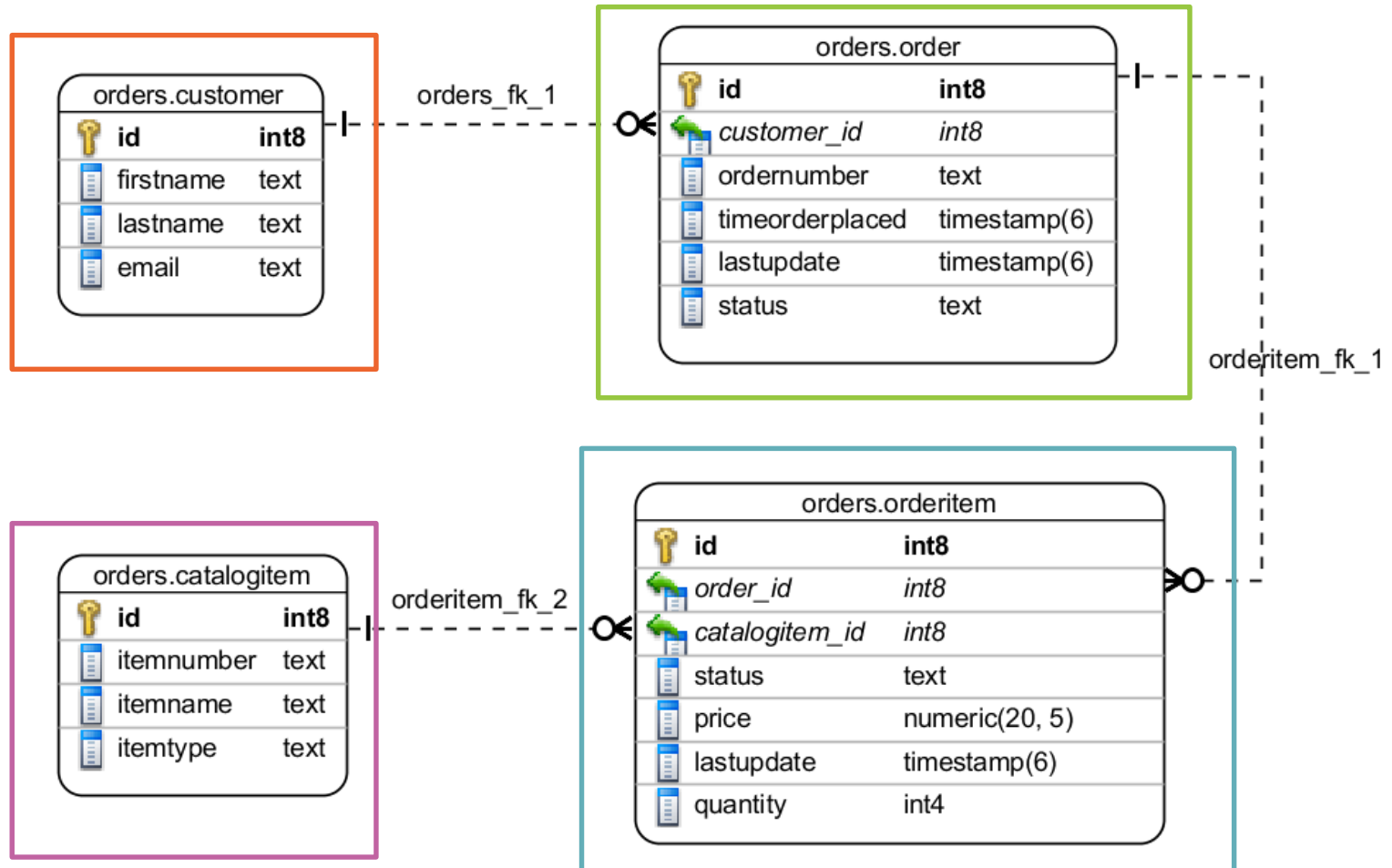
Case Study Project - Components



Case Study Project - Technologies



Case Study Project - Database



Case Study Project – Code



Maven POM File

Spring Context
Configuration

Domain Objects

Fulfillment Processor

Introducing Camel to the Case Study Project



Add Camel Libraries

Camel Spring Libraries in Maven POM

```
<dependency>
  <groupId>org.apache.camel</groupId>
  <artifactId>camel-spring</artifactId>
  <version>2.13.2</version>
</dependency>
<dependency>
  <groupId>org.apache.camel</groupId>
  <artifactId>camel-spring-javaconfig</artifactId>
  <version>2.13.2</version>
</dependency>
<dependency>
  <groupId>org.apache.camel</groupId>
  <artifactId>camel-test-spring</artifactId>
  <version>2.13.2</version>
  <scope>test</scope>
</dependency>
```

CamelContext

Configure Camel Context

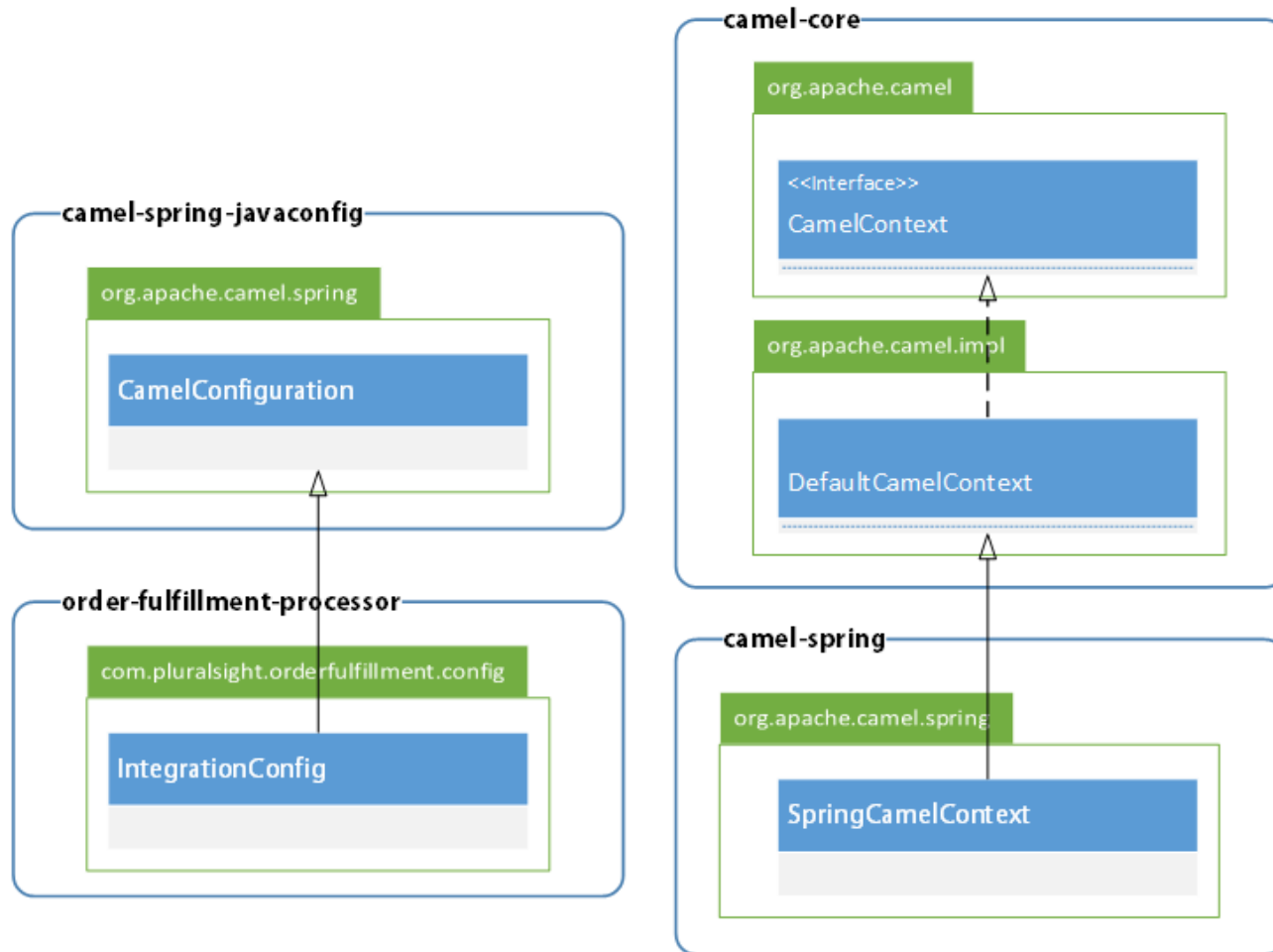
- Container supporting mediation
- Manages routes and endpoints
- Life-cycle

RouteBuilder

Add Camel Route

- Defined through XML or Domain-specific language
- Pipes and Filters
- Part of a CamelContext

CamelContext

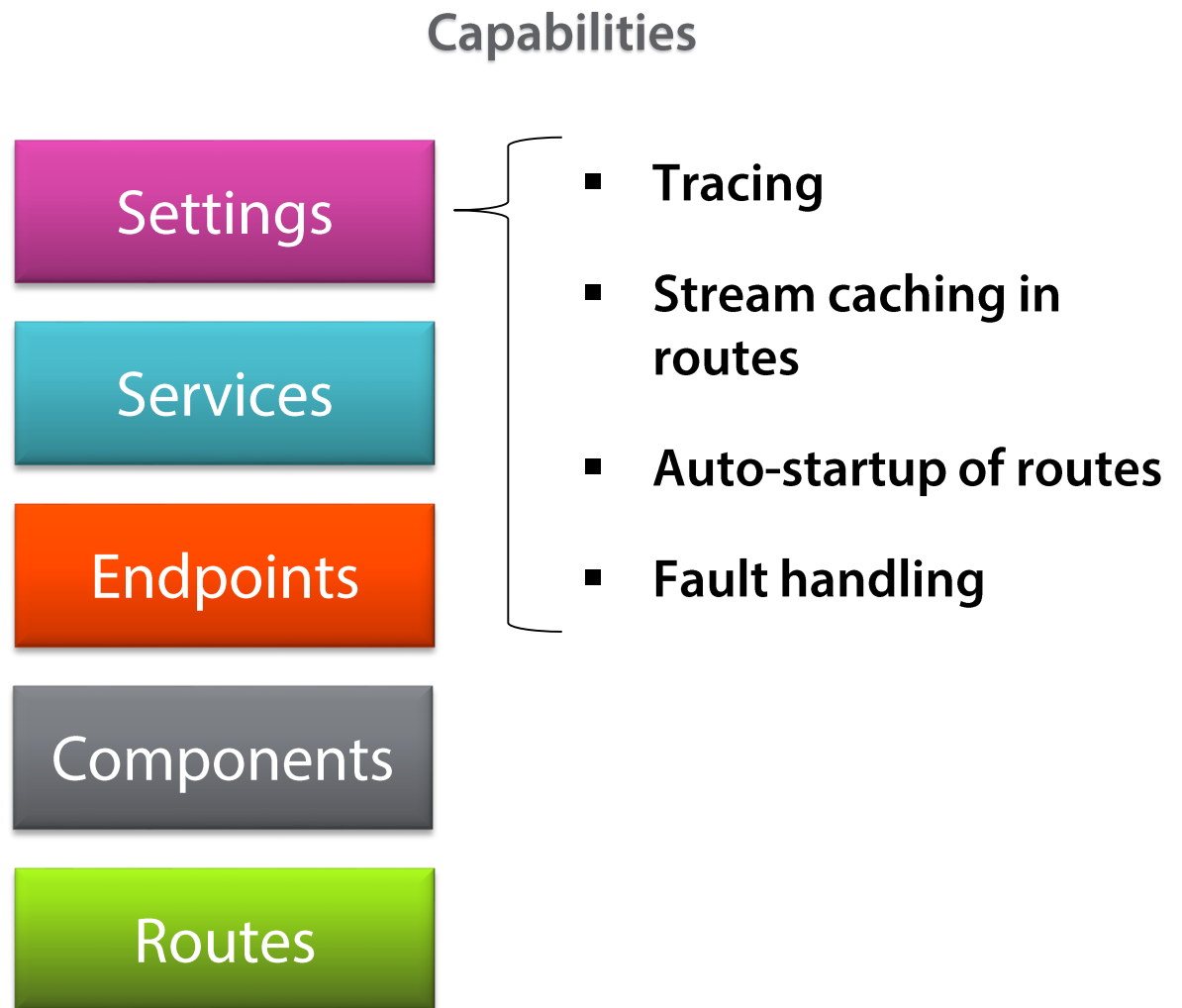


**Do Not Place Anything
in This Space**

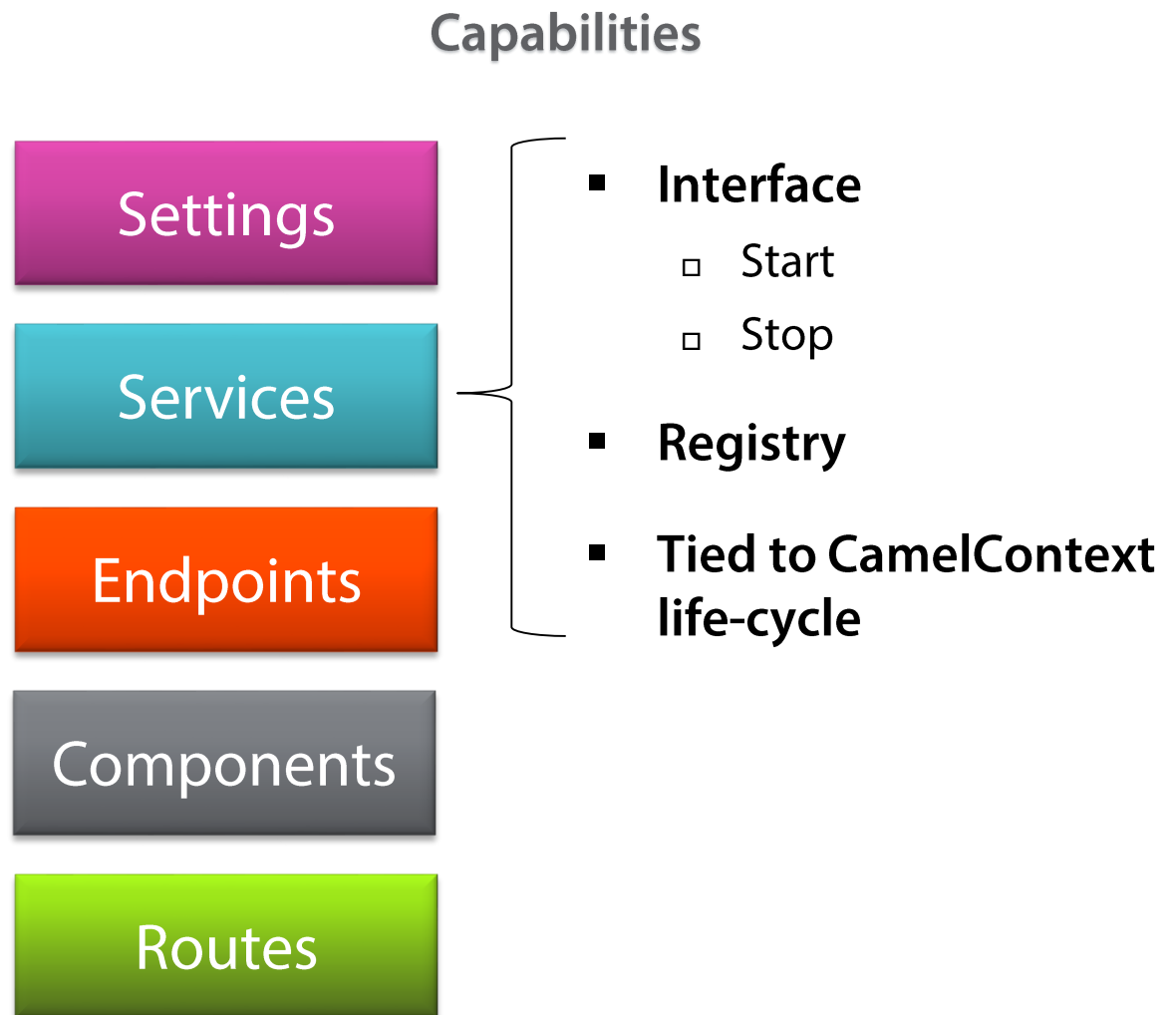
(Add watermark during
editing)

Note: Warning will not appear
during Slide Show view.

Default Camel Context



Default Camel Context



Default Camel Context

Settings

Services

Endpoints

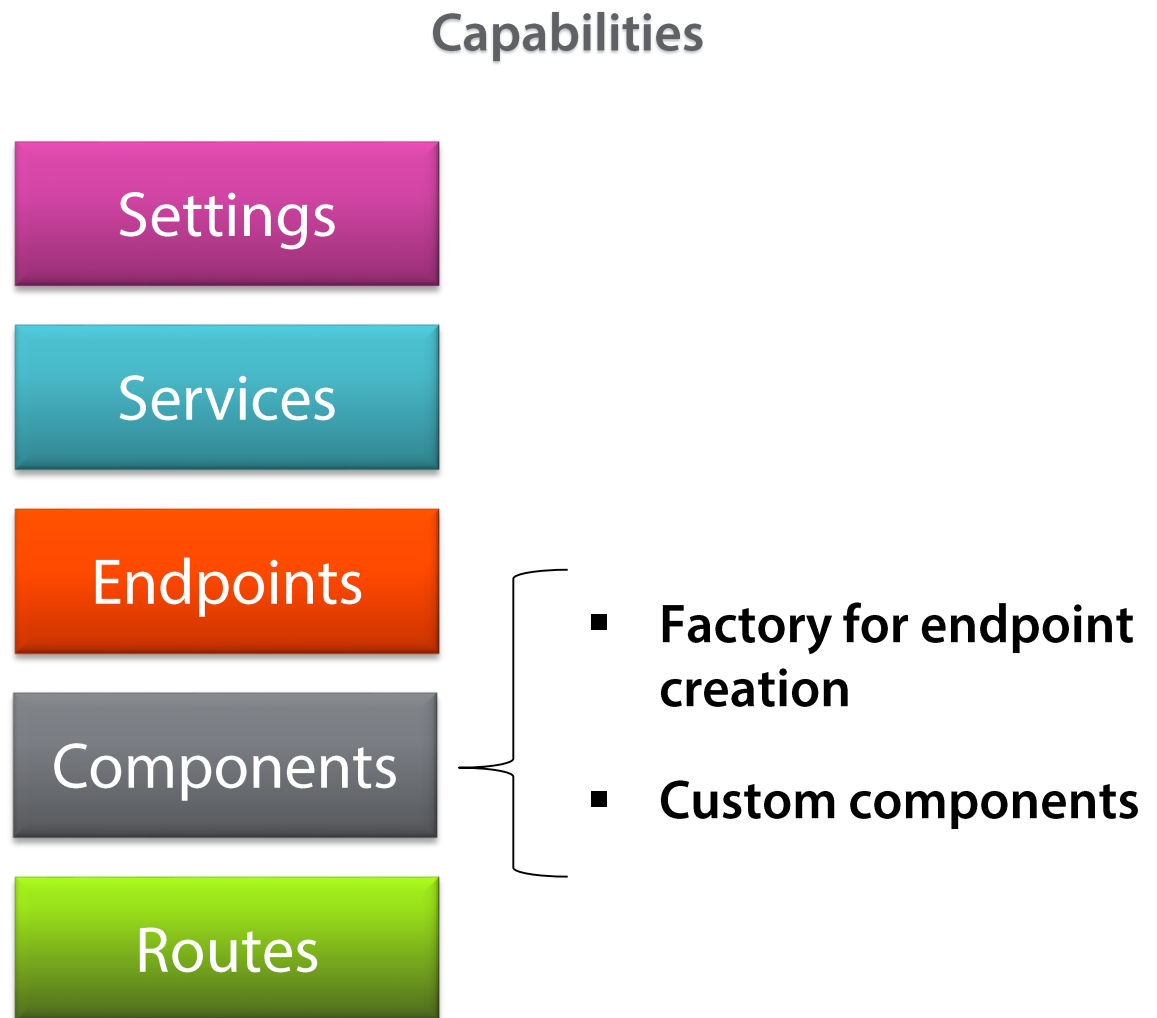
Components

Routes

Capabilities

- Adapter
- `from("file:...").to("file:..l)`
- URI
- Registry in CamelContext

Default Camel Context



Default Camel Context

Capabilities

Settings

Services

Endpoints

Components

Routes

- Rules for message processing
- DSL
- Start and stop

Summary

Walkthrough
the Case Study

Add Camel
to the Case Study

Cover
Camel Basics

