Spring Framework 5

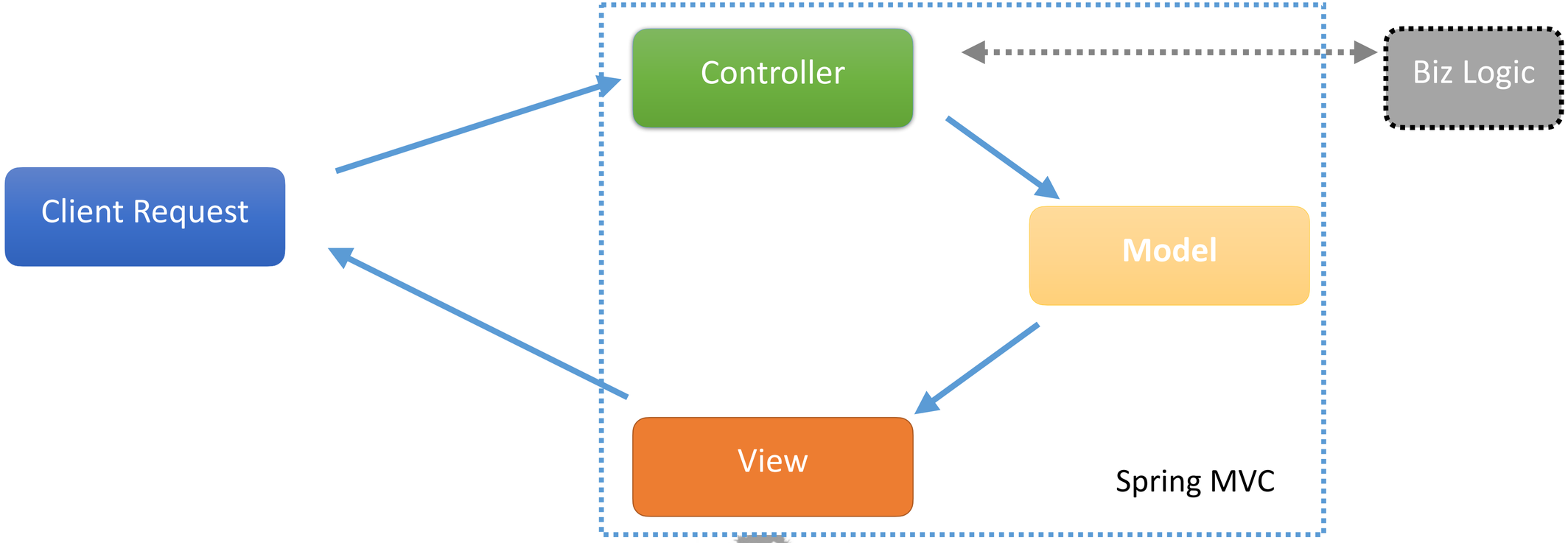
Beginner to Guru

Introduction to Spring MVC

What is MVC?

- **MVC** is a common design pattern for GUI and Web Applications
  - Used in many programming languages
- **M** - Model
- **V** - View
- **C** - Controller

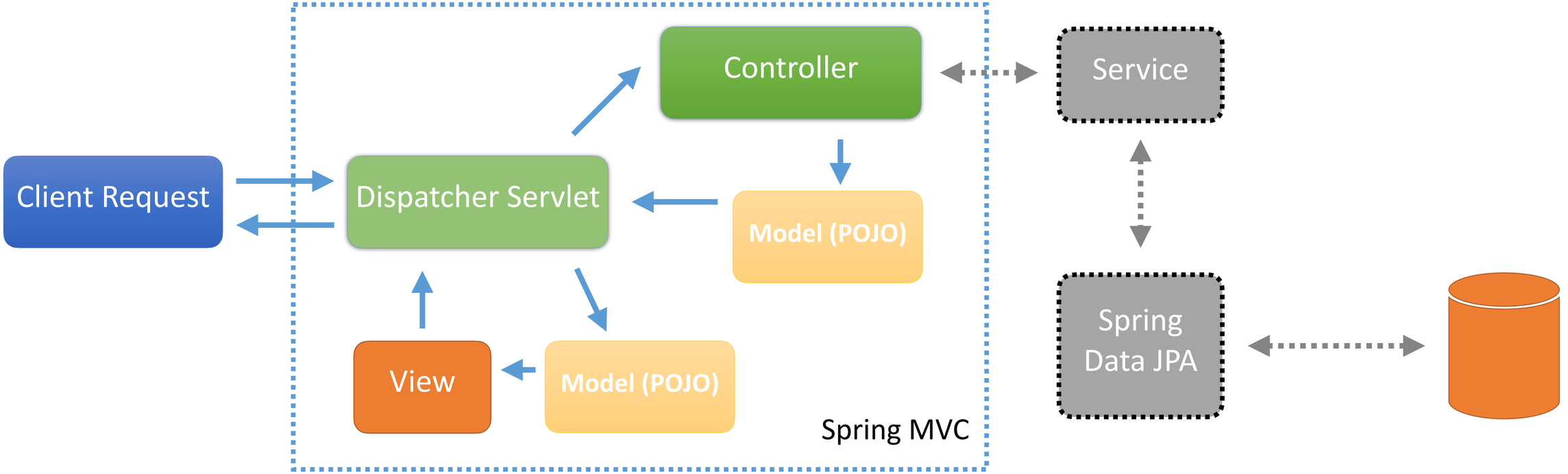
MVC



Spring MVC

- **MODEL** - Simple POJO with collection of properties which may or may not be used by the view
- **VIEW** - Data as requested by the client. Implemented with JSP, Thymeleaf, Jackson, etc. Can be HTML, JSON, XML, text, etc.
- **CONTROLLER** - Java class implemented to handle request mapping. Should be a “traffic cop” and contain minimal business logic. Typically works in conjunction with a service, which contains business logic.

Spring MVC


Controller
Service
Client Request
Dispatcher Servlet
Model (POJO)
Spring
Data JPA
View
Model (POJO)
Spring MVC

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