

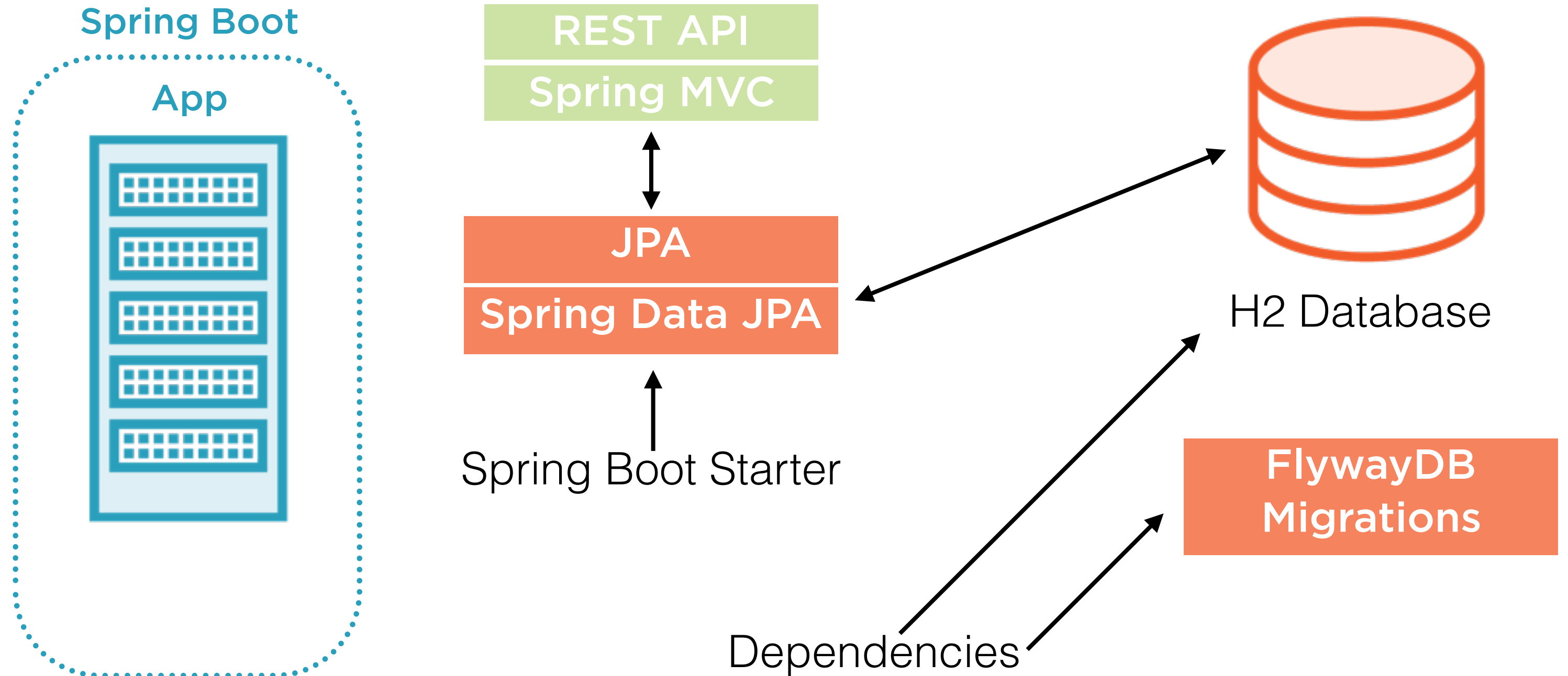
Configuring and Accessing a Data Source



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Identifying Frameworks for Integration



Demo

H2 dependency

Spring Boot Starter Data JPA

Demo

DataSource configuration

DataSource pooling

- tomcat-jdbc is default pooling strategy

Demo

Add the flyway dependency

Configure flyway DataSource

Create migration scripts

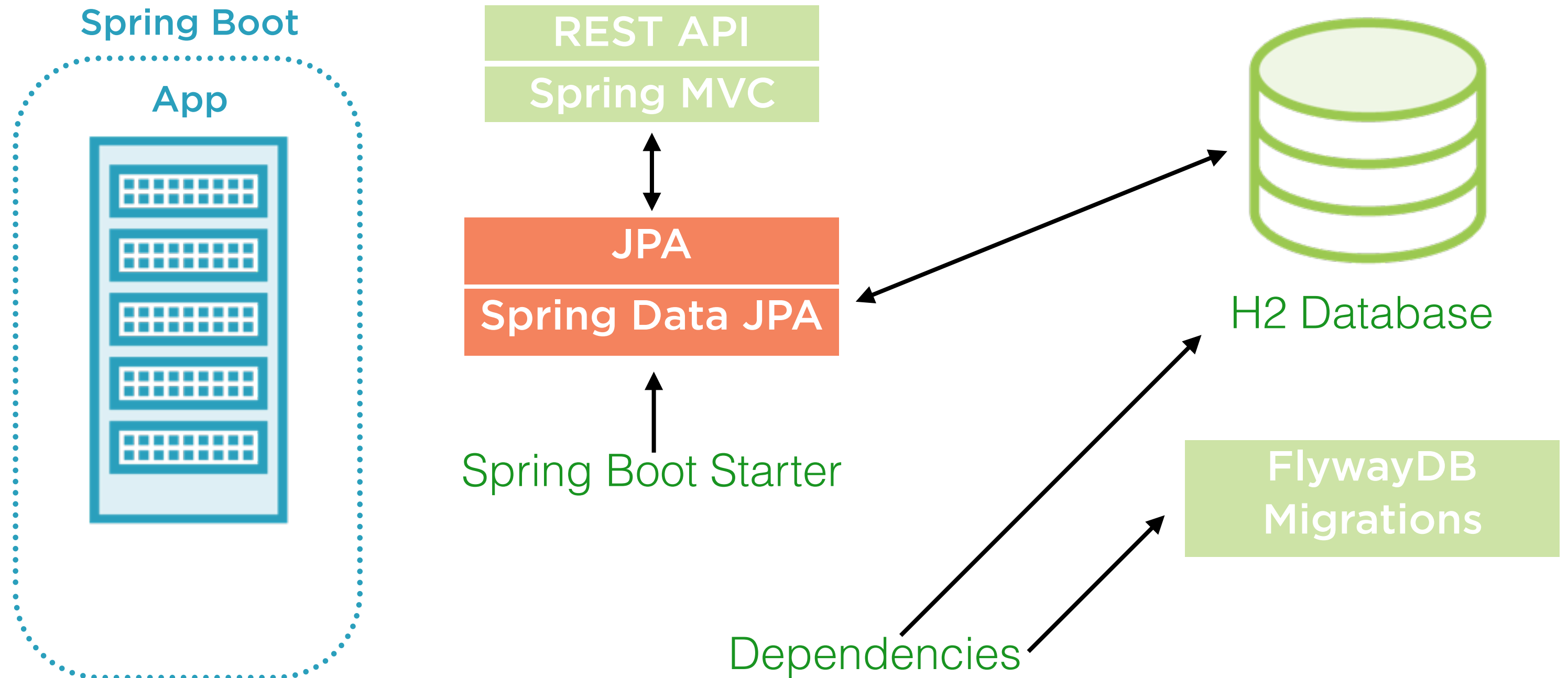
Migrate on app startup

```
@Configuration
public class PersistenceConfiguration {
    @Bean
    @ConfigurationProperties(prefix="spring.datasource")
    public DataSource dataSource() {
        return DataSourceBuilder.create().build();
    }
}
```

Spring Boot Java Configuration

Define Spring beans using Java

Demo: Adding JPA and Spring Data JPA



Summary

Spring Boot starters and configuration

Created a database

Migrated with Flyway DB

DataSources and Java configuration

Coded JPA and Spring Data JPA pieces

Tied it all together and tested