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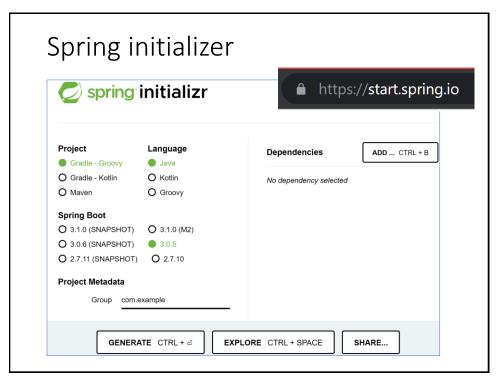
Introduction

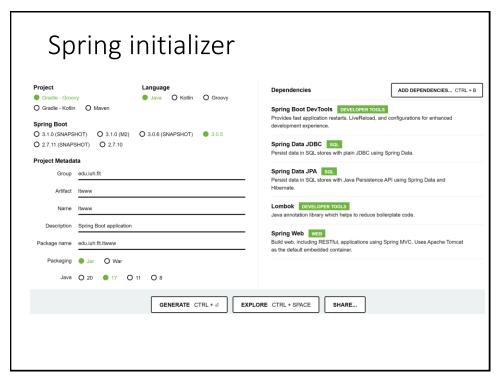
- Spring Boot makes it easy to create stand-alone, production-grade Spring based Applications that you can "just run".
- Features
 - Create stand-alone Spring applications
 - Embed Tomcat, Jetty or Undertow directly (no need to deploy WAR files)
 - Provide opinionated 'starter' dependencies to simplify your build configuration
 - Automatically configure Spring and 3rd party libraries whenever possible
 - Provide production-ready features such as metrics, health checks, and externalized configuration
 - Absolutely no code generation and no requirement for XML configuration

Spring initializer

- Quickly create a starter Spring project
- Select your dependencies
- · Creates a Maven/Gradle project
- Import the project into your IDE: Eclipse, IntelliJ, NetBeans etc ...

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Dependencies

```
dependencies {
  implementation 'org.springframework.boot:spring-boot-starter-data-jdbc'
  implementation 'org.springframework.boot:spring-boot-starter-data-jpa'
  implementation 'org.springframework.boot:spring-boot-starter-thymeleaf'
  implementation 'org.springframework.boot:spring-boot-starter-web'
  compileOnly 'org.projectlombok:lombok'
  developmentOnly 'org.springframework.boot:spring-boot-devtools'
  annotationProcessor 'org.projectlombok:lombok'
  testImplementation 'org.springframework.boot:spring-boot-starter-test'
}
```

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```
Project Structure
                                                                                                                                                           import org.springframework.boot.SpringApplication;
                                                                                                                                                          import org.springframework.boot.autoconfigure.SpringBootApplication;

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       > 🚞 .gradle
         > 🗎 .idea
                                                                                                                                                           @SpringBootApplication
        > 🖿 gradle
                                                                                                                                                           public class LtwwwApplication {
                🗸 📭 main

✓ Iava

                                                                                                                                                                       public static void main(String[] args) {
                                SpringApplication.run(LtwwwApplication.class, args);
                           resources
                                        d application.properties

∨ Interpretation

Test

T
                        🗸 🗎 java
                                                                                                                                                                                        @Target(ElementType.TYPE)

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                                                                                                                                                                                         @Retention(RetentionPolicy.RUNTIME)
                                                d LtwwwApplicationTests
                👢 .gitignore
                                                                                                                                                                                        @Documented
                m build.gradle
                                                                                                                                                                                        @Inherited
                gradlew
                                                                                                                                                                                        @SpringBootConfiguration
                gradlew.bat
                                                                                                                                                                                        @EnableAutoConfiguration
                HELP.md
                                                                                                                                                                                        @ComponentScan(excludeFilters = { @Filter(type = FilterType
                esttings.gradle
                                                                                                                                                                                                                @Filter(type = FilterType.CUSTOM, classes = AutoCor
> III External Libraries
                                                                                                                                                                                        public @interface SpringBootApplication {
> To Scratches and Consoles
```

Running Example

