



Spring Framework 6

Beginner to Guru

Setting Up Your Development Environment



Development Environment

- Any OS supporting Java Development - macOS, Windows, or Linux
- 8 GB Ram, 16 GB+ preferred
- Java 17 or higher
 - Spring Framework 6 / Spring Boot 3 require Java 17+
 - Oracle Java or OpenJDK
 - Must have JDK Installed





Build Tools

- Maven version 3.6.0 or higher
 - Ideally installed for command line use
 - See [Apache Maven documentation](#) for your operating system for installation instructions



Verify Your Environment

- Verify Java installed: `java -version`
- Verify Java JDK installed: `javac -version`
- Verify Maven is installed: `mvn -v`





Git Integration

- All Source Code is in GitHub
- Using GitHub is Optional for this course
- Source code can be downloaded from GitHub as a zip file
- See Appendix A if you are new to using Git
- Following will be a video for the recommended work flow with GitHub





IDE - IntelliJ Ultimate

- IntelliJ Ultimate is used in the course
- Not required
- All source code examples are IDE agnostic
- Free 120 day trial is available to students
- Free IDE Options include: IntelliJ Community Edition, STS, Eclipse, and Netbeans



