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Project Lombok Installation
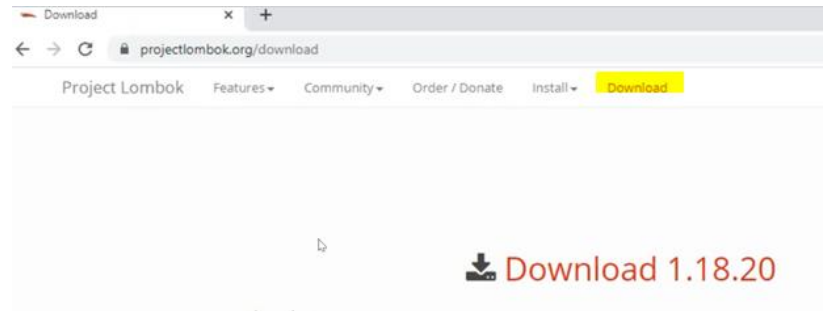
Download Lombok
Best to close Spring Tool Suite before the download and installation
Open the Lombok website in a browser

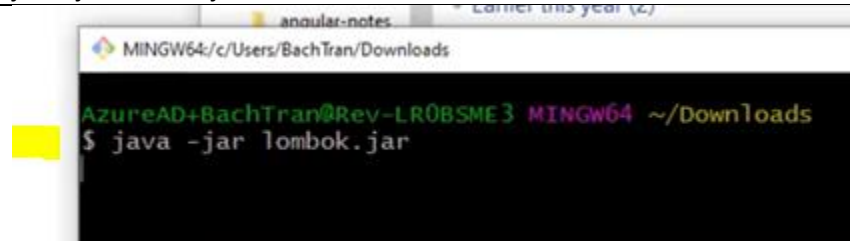https://projectlombok.org/download

Download the current version

Extract the downloaded file
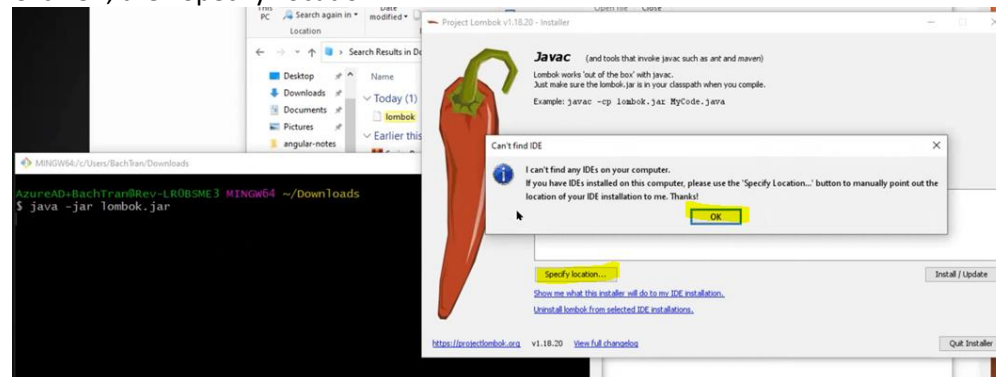Open a Git Bash window where the Lombok file was downloaded
Type the command and press enter

java -jar lombok.jar

Can't find the IDE because SpringTool is a folder and not installed.
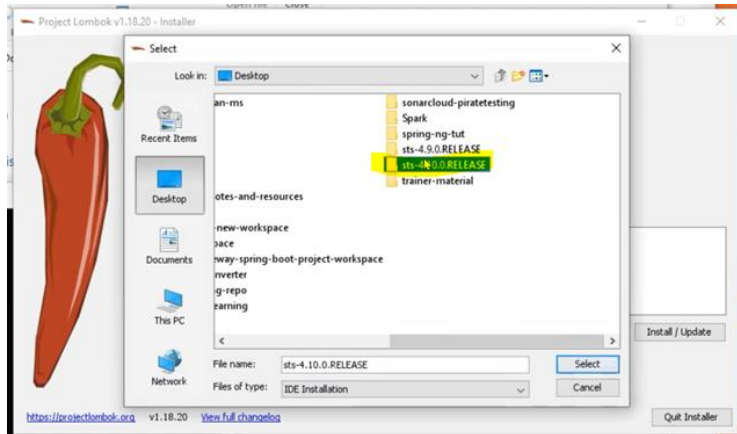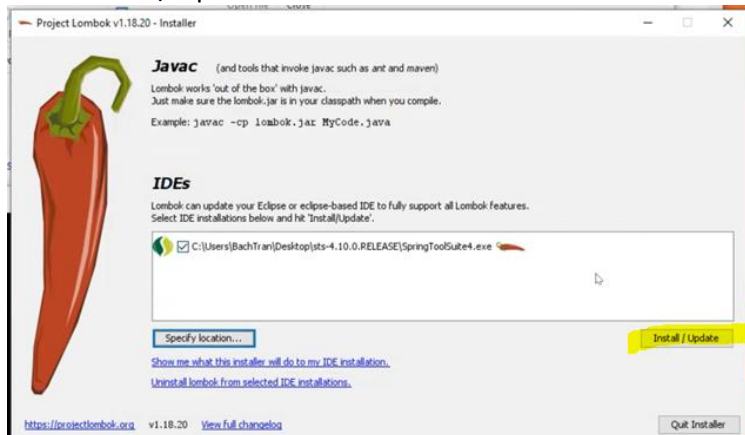Click Ok, then Specify Location

Navigate and select the sts release folder on your machine.

Select the folder

Click "Select"

Click "Install / Update"

Click "Quit Installer"

Add Lombok to a Spring Tool Maven Project

Open or restart Spring Tool Suite

Update the project's pom.xml file

Add the Lombok dependency

Make sure to use the version of your download

```xml
<!-- https://mvnrepository.com/artifact/org.projectlombok/lombok -->
<dependency>
        <groupId>org.projectlombok</groupId>
        <artifactId>lombok</artifactId>
        <version>1.18.20</version>
        <scope>provided</scope>
</dependency>
```

Rebuild the Maven projects after adding the dependency.

Add imports to class files

Generally Lombok is used in Model classes

Lombok may be used in any class that makes sense like DTO classes

```java
import lombok.EqualsAndHashCode;
import lombok.Getter;
import lombok.NoArgsConstructor;
import lombok.Setter;
import lombok.ToString;
```

Add annotations in the class files

Annotations above class definition

```java
@Getter @Setter @NoArgsConstructor @ToString @EqualsAndHashCode
public class Address implements Constants {
```

The class body will have no getter, setter, no args constructor, toString , equals or hashCode methods but they will exists.

If the class has defined methods and the annotation is used then there will be compiler errors.

This ends the Project Lombok download and setup.