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Tuesday Maven

1. Maven is a build tool by Apache that streamlines the build process. The process compiles and zips the Java project code into a Java Archive (JAR) file. The main benefit is the convenience of adding dependencies to other projects in the Project Object Model (POM) using Maven’s central repository.
2. When executing the mvn install command, the maven project will be validated, compiled, tested, packaged, and verified before being installed.
3. When executing the mvn test command, the maven project will be validated, but then will not be compiled because a semicolon is missing which is a compilation error.
4. Mvn clean removes old maven projects that are installed and saved in the target folder which is the location for the project’s jar file. It removes all the files generated by the previous build.
5. The 7 phases of the maven default lifecycle are validate, compile, test, package, verify, install, and deploy.
6. A mnemonic for remembering the 7 phases of the maven lifecycle is: Vicky Came To Play Volleyball In the Daytime.