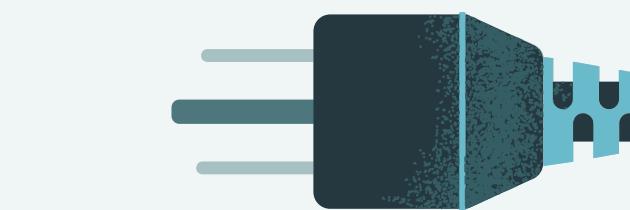
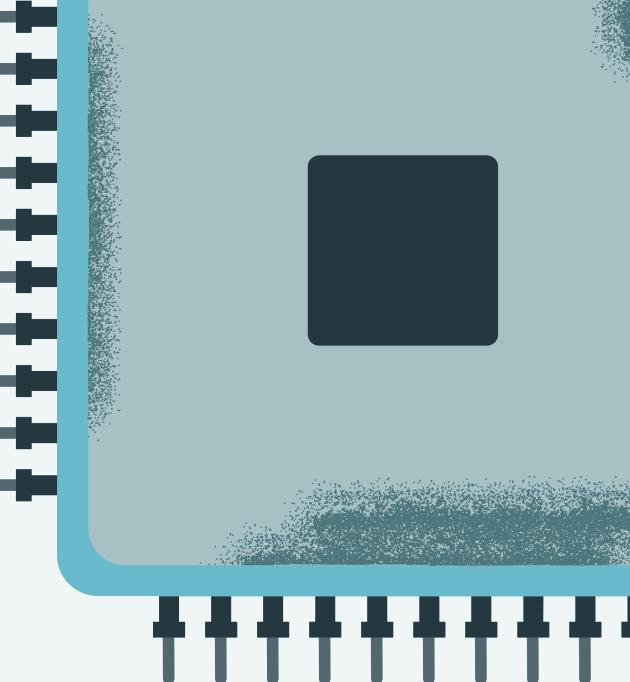
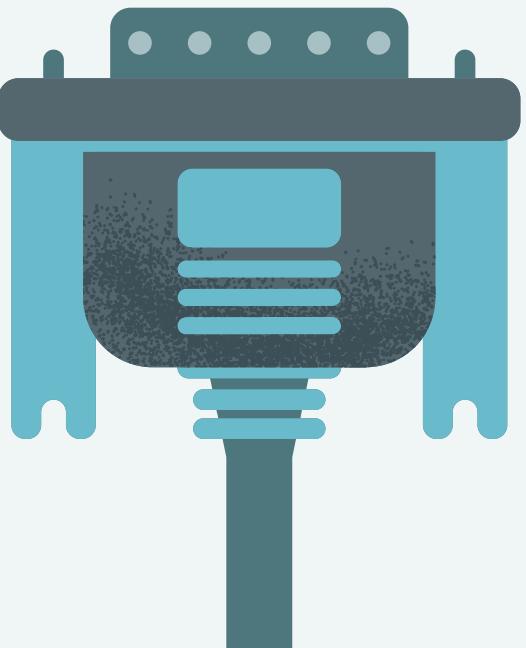
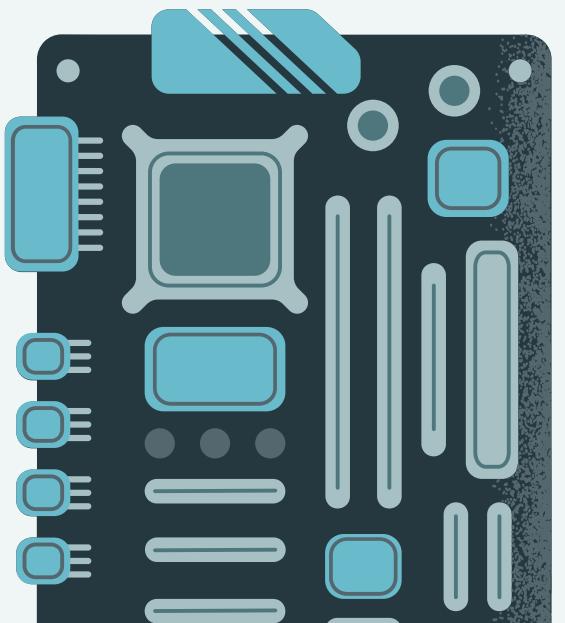
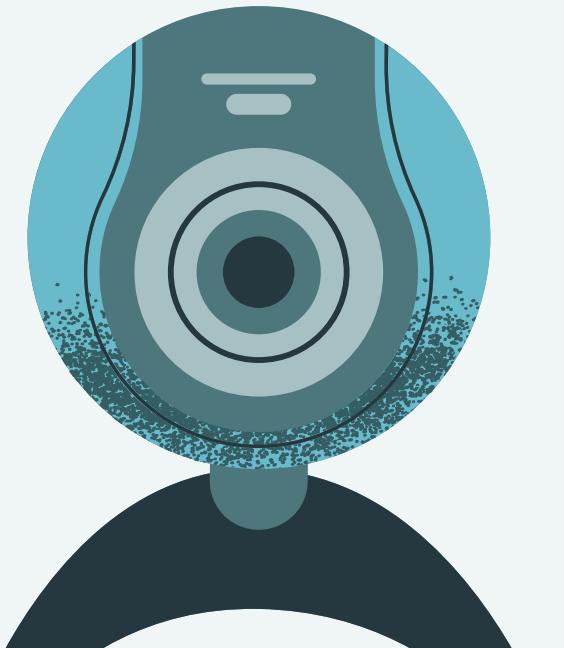
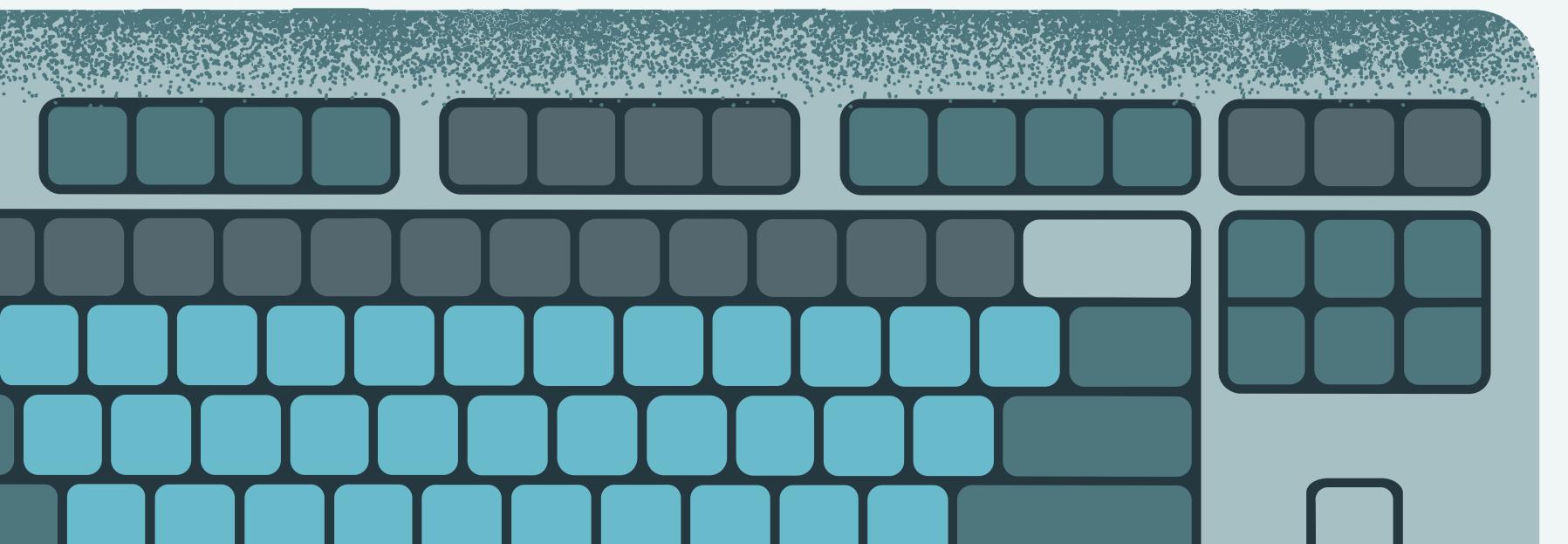


Pedro Jahir Hinojosa García

MAVEN



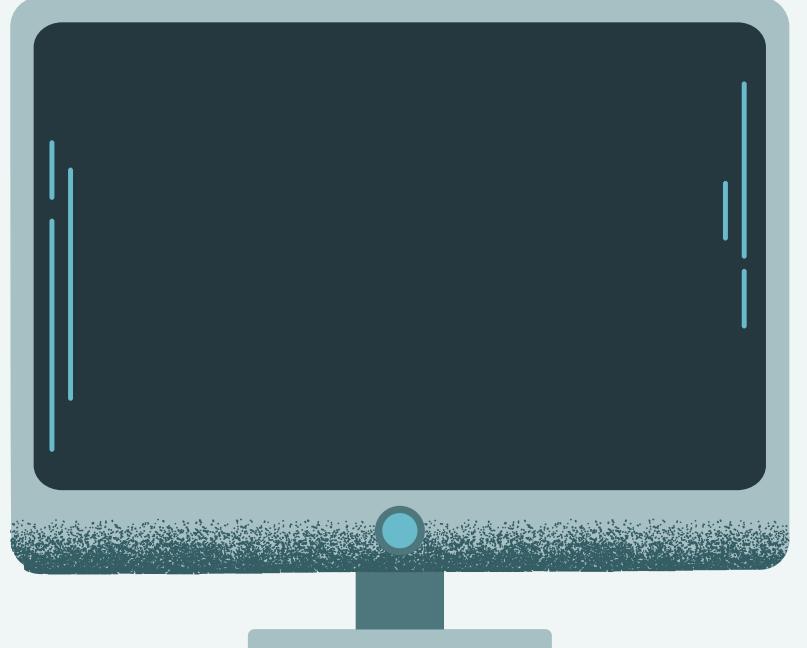
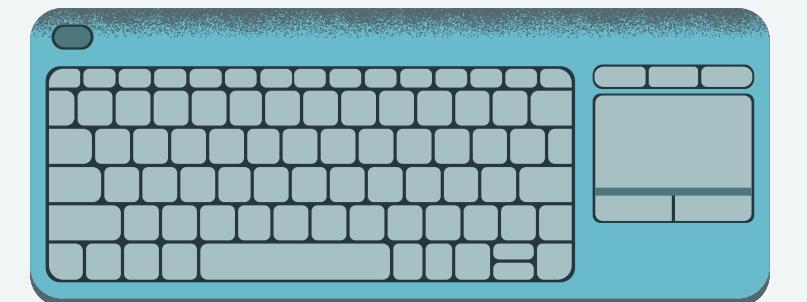
WHAT PROBLEM MAVEN SOLVE?

In big teams, several tools
has to be used to make
quality projects

Maven check if you have all
the tools you need to work



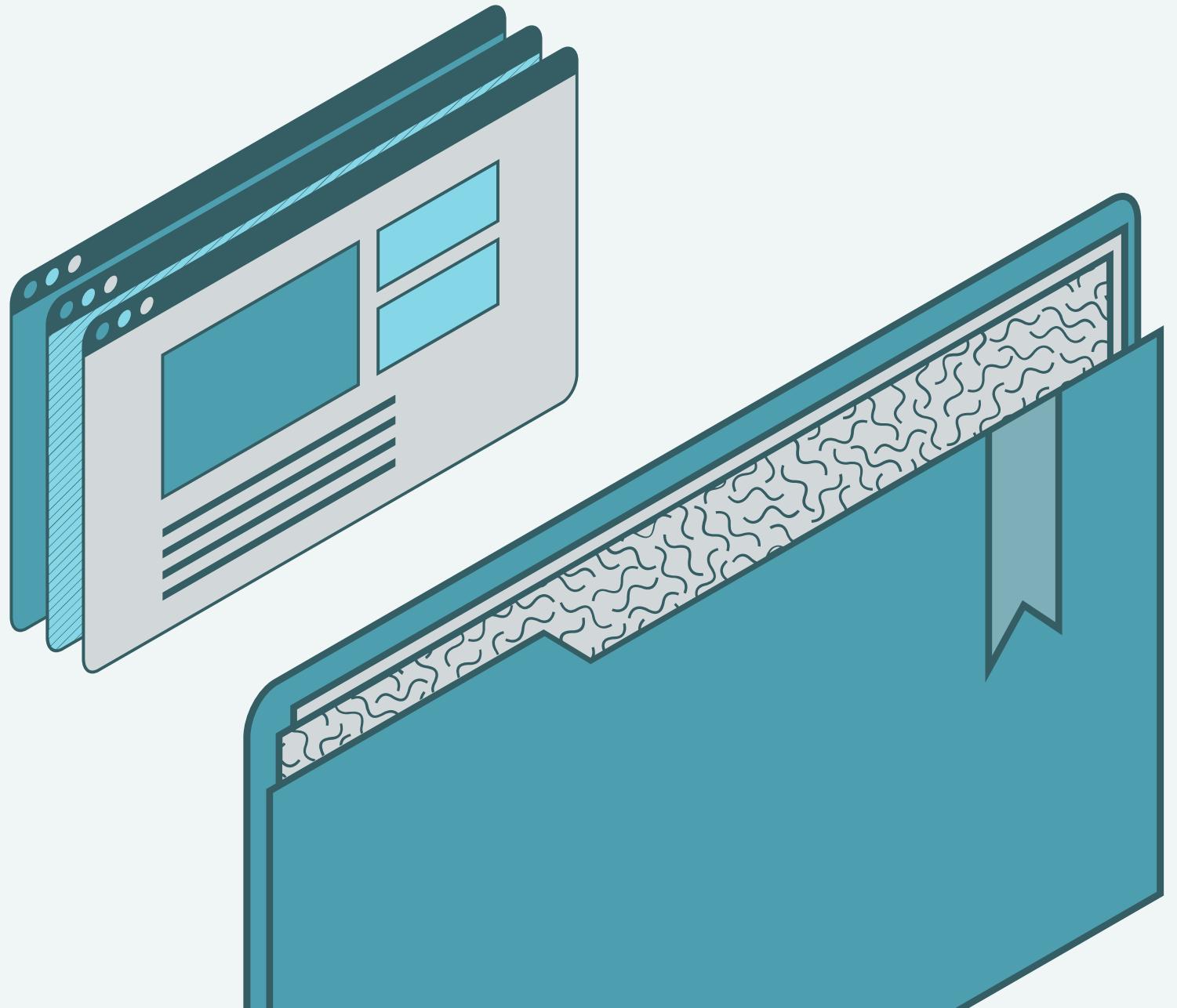
WHAT STEPS MAVEN FOLLOWS?

- 1.- Read the project file**
 - 2.- Check your computer**
 - 3.- Get what you miss from remote repository**
 - 4.- Save in local repo**
 - 5.- Build and run**
- 
- 

HOW IT WORKS?

- **Dependency Management:** Maven reads the pom.xml file to manage and resolve dependencies automatically from local, central, or remote repositories.
- **Build Automation:** Maven executes a structured build lifecycle with phases like compile, test, and package, using plugins to automate tasks.
- **Consistent and Reproducible Builds:** Maven ensures consistent build outputs and integrates with CI/CD tools for continuous integration and deployment.

ADVANTAJES



-
- 01. Dependency Management**

 - 02. Standardized Project Structure**

 - 03. Build Automation**

 - 04. Reproducible Builds**

 - 05. Extensive Plugin System**

 - 06. Continuous Integration Tools**

 - 07. Multi-Module Project Support**

 - 08. Centralized Repository**
-

and more...