

Integrating rules as a Maven project in an IDE

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🔧 Integrating rules as a Maven project in an IDE

Develop business rules as a Maven project – auto-generated pom.xml, development mode and Java 8 SDK.

HOW-TO

DEVELOPER

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APPLIES TO NUCLOS 4.2026.X

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From **Nuclos 4.30**, business rules can conveniently be integrated as a **Maven project** in an IDE. Nuclos automatically generates a `pom.xml` under `<NUCLOS-HOME>/data/codegenerator`.

Prerequisites

- the server runs locally (the codegenerator directory is on the developer machine) – or `CODEGENERATOR_POM_LIBDIR`, `..._AXIS_LIBDIR` and `..._EXTENSION_LIBDIR` are configured;
- the server runs in **development mode**;
- an IDE with Maven support (example: IntelliJ IDEA Community Edition);
- a **Java 8 JDK** (ideally the same as the server).



Permissions

Run Nuclos with normal user rights (not as a service) to avoid access problems. If that does not help, deleting the codegenerator directory (recreated on server start) may help.

Steps

1. Create a new project and select the codegenerator directory (IntelliJ recognizes it as a Maven project).
2. Enable „import Maven projects automatically“.
3. Keep the server running in the background – only then are all libraries found.
4. Add the missing SDK (Java 8) via the plus button and finish the wizard.

Templates: [pom.xml without extension](#) and [pom.xml with extension](#).

Related pages



Integrating rule code in IntelliJ

IntelliJ.

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Tutorial: integrating Nuclos into IntelliJ IDEA

Core.

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