

Tutorial: integrating Nuclos into IntelliJ IDEA

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🎓 Tutorial: integrating Nuclos into IntelliJ IDEA

Integrate the Nuclos core into IntelliJ IDEA – clone repositories, configure Maven and the AspectJ compiler.

TUTORIAL

DEVELOPER

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APPLIES TO NUCLOS 4.2026.X

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Objective

Integrate a Nuclos project (core) into the **IntelliJ IDEA** IDE to develop on the Nuclos source code or on extensions.

Prerequisites

- a working Nuclos project installation;
- IntelliJ IDEA (Ultimate), Maven, Git;
- the AspectJ compiler plugin (**Ajc**) for the compiler settings.



Windows: longpaths

Windows: configure Git for long file names:

```
git config --system core.longpaths true
```

Clone the repositories

Clone both the **project git** and the **core git**. In the core, switch to the tag matching the Nuclos version of the project installation (`git checkout <tag>`).

Configure IntelliJ

- Set up Maven: *File Settings Build, Execution, Deployment Build Tools Maven*.
- Set the compiler to **Ajc**: *... Compiler Java Compiler*.
- Rebuild the project; for problems see [troubleshooting](#).

Related pages

⚙️ Integrating rule code in IntelliJ

Rule code.

[Open](#)

⚙️ Problems and error messages with the IDE

Troubleshooting.

[Open](#)

