

Nuclet

🌐 Language: [Deutsch](#) · [English](#)

💡 Nuclet

The building block for Nuclos applications – pure configuration, exchangeable, updatable. Building block vs. template and creation.

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APPLIES TO NUCLOS 4.2026.X

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What is a nuclet?

A **nuclet** is a building block for business applications based on Nuclos. It consists solely of **configuration content and parameters** (entities, layouts, processes, business rules, reports ...) and stays strictly separate from Nuclos. This makes it changeable at runtime – without recompilation – and easy to exchange between companies and users.



Where?

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Building block or template?

There are two types, technically distinguished by the **UID** (globally unique id per component):

	Nuclet (building block)	Nuclon (template)
Customisable	no (convert to nuclon first)	yes, freely
Updatable	yes, to newer versions	no
Marker in the tree	lock icon	template icon
Reuse components	no	yes, even partly
Protect code	obfuscation possible	–

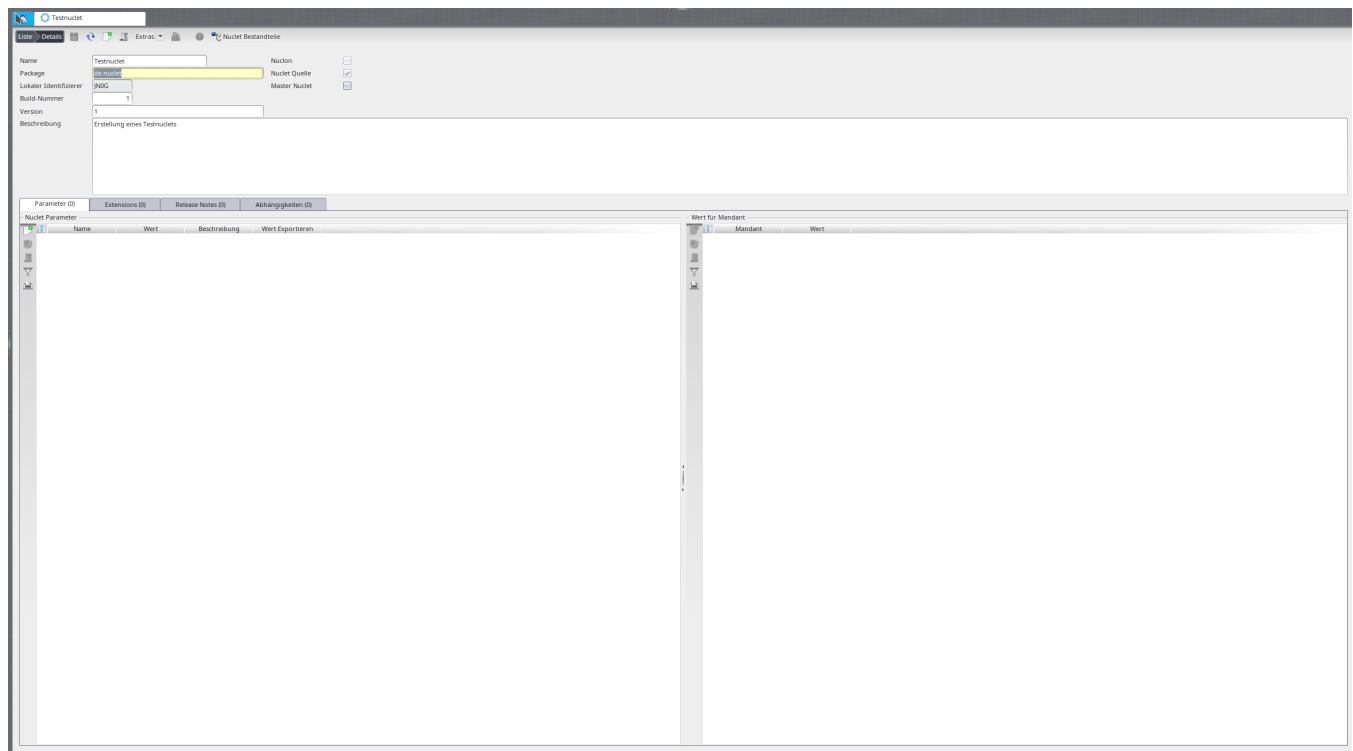


Converting

Deleting the UIDs turns a nuclet into a nuclon; **generating UIDs** turns a nuclon into a new building block.

Creating a nuclet

On creation the system assigns the **local identifier**. For the main nuclet, tick **Master Nuclet**.



Creating a new nuclet.



Extensions

Nuclet extensions / project dependency in the pom.xml: when ticked, the JAR is ignored – intended for local development where an IDE deploys the dependency into the Tomcat process.

Further reading

- [Export a nuclet](#)
- [Import a nuclet](#)
- [Interfaces between nuclets](#)
- [Instance vs. nuclet transfer](#)

Related pages

Nuclet export

Export.

[Open](#)

Nuclet import

Import.

[Open](#)

Interfaces between nuclets

Interfaces.

[Open](#)