

Translator

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

Translator

Custom translators for localization – TranslatorFactory, ServiceLoader and JSON configuration.

REFERENZ

DEVELOPER

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APPLIES TO NUCLOS 4.2026.X

On this page

- [TranslatorFactory](#)
- [Configuration](#)
- [Related pages](#)

With **Nuclos 4.2025.15**, a localization mechanism was added that allows additional languages beyond the fixed system locales (de-DE, en-GB). It translates all relevant **application texts** (not data). These texts can be translated automatically – this requires a **Translator** implementation as an [extension](#).

TranslatorFactory

A TranslatorFactory produces the translator instances and registers itself with the system. Nuclos finds factories via the Java **ServiceLoader**; therefore a file META-INF/services/org.nuclos.api.110n.TranslatorFactory with the factory's FQN must be provided.

Configuration

Configuration is done flexibly via **JSON** (no structural requirements). A localization's JSON takes precedence over the one on the translator and overrides it completely when an instance is built for that localization.



Example & DeepL

An example (DeepL translator) is in the Nuclos repository. The productive DeepL setup is described in the administration; see also localization /interface languages.

Related pages



Extensions

Extension.

[Open](#)