

# Localizing rules

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

## Localizing rules

Make rule messages translatable – `BusinessException`, `InputRequiredException` and `MessageContext` with keys, locale and placeholders.

HOW-TO

APPLICATION DEVELOPER

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APPLIES TO NUCLOS 4.2026.X

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## Overview

Rule messages to the user can be **localized** since v4.2025.15. The classes `BusinessException`, `InputRequiredException` and `MessageContext` provide support. Pass a **locale** whenever possible – otherwise Nuclos tries to determine the nuclet from the package.

## The quick way

For **static texts**: automatic key generation via the boolean flag `true`.

```
hier
```

```
throw new BusinessException(new DoNotTranslate(machineApi.getErrorMessage()));
```

## The optimal way

Assign a **fixed, unique localization key**. This lets you change the source text later without rebuilding translations from scratch.

```
throw new BusinessException(new DoNotTranslate(machineApi.getErrorMessage()));
```

## Preventing translation

Pass the text as a `DoNotTranslate` object:

```
throw new BusinessException(new DoNotTranslate(machineApi.getErrorMessage()));
```

## Parametrizing messages

Dynamic parts via `withArgs`/`withMessageArgs` – only the template with `{}` placeholders is translated:

## Related pages

 [Localization](#)

 [Rule sets](#)

 [Supporting classes](#)

Overview.

[Open](#)

Rules.

[Open](#)

Rule API.

[Open](#)