

Creating language files

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

🔧 Creating language files

Multilingual reports/forms – create a ResourceBundle in Jaspersoft Studio and embed it via `$R{}`.

HOW-TO

APPLICATION DEVELOPER

UPDATED: JUL 2026

APPLIES TO NUCLOS 4.2026.X

On this page

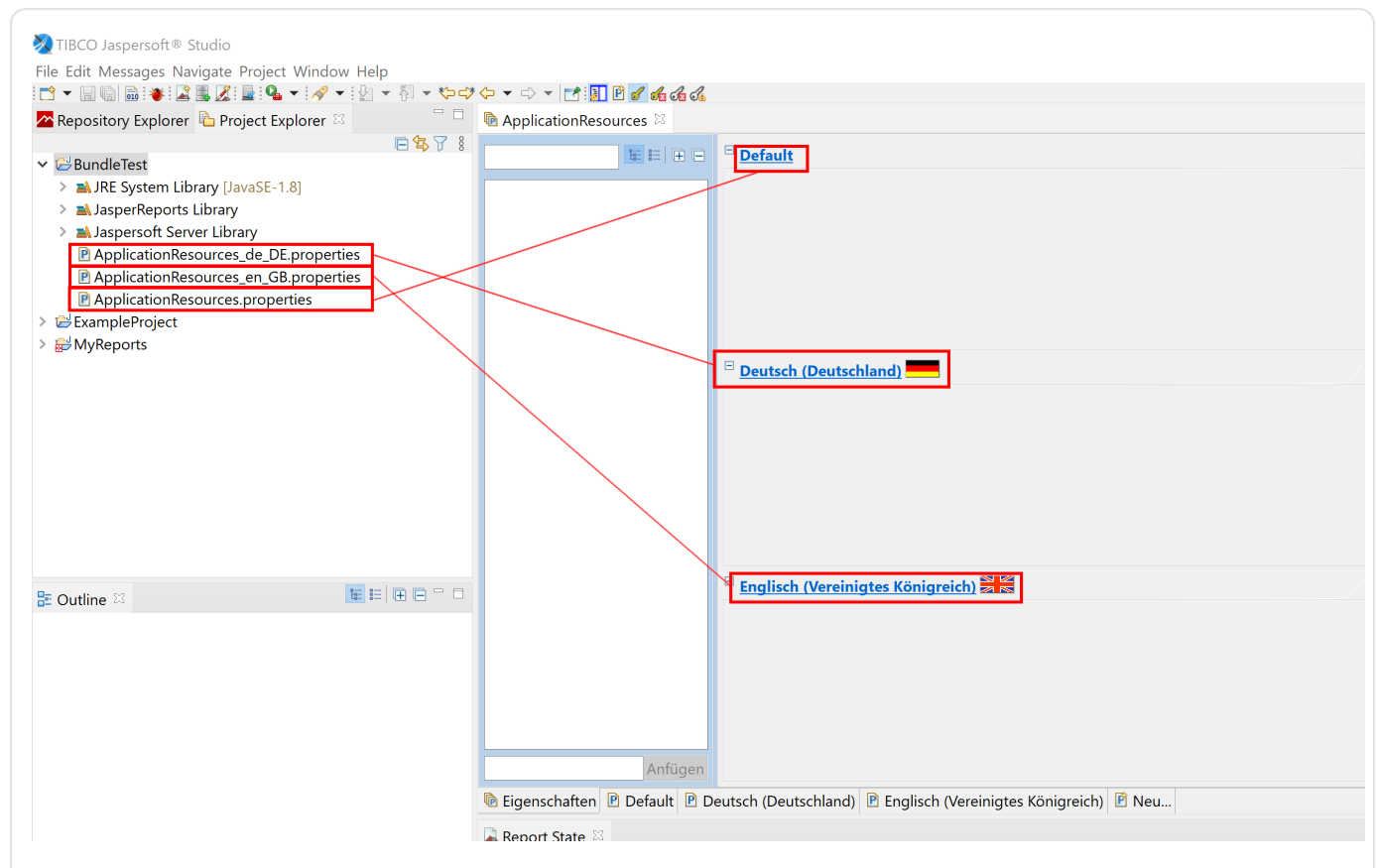
- [What is a language file?](#)
- [Create a ResourceBundle in Jaspersoft Studio](#)
- [Embedding in the form template](#)
- [Related pages](#)

What is a language file?

A **properties file** (`.properties`) is a simple text file that JasperReports uses via the **ResourceBundle** mechanism. The easiest way to create one is in **Jaspersoft Studio**.

Create a ResourceBundle in Jaspersoft Studio

1. Right-click a project *New Other*.
2. Choose *Messages Editor Resource Bundle, Next*.
3. Set the folder and **base name**, add the desired languages, *Finish*.
4. One `.properties` file per language is created (base name + country code).
5. Add keys via right-click *Append...* and enter values per language.



Embedding in the form template

In the form, translatable spots are defined as **text fields with a key**:

```
anfrage.thema = Anfrage      # in Bundle_de.properties
${anfrage.thema}           # in the form
```



Important

In the form property, enter the **base name without .properties** (e.g. Bundle). The Java ResourceBundle mechanism automatically picks Bundle_de, Bundle_en etc. based on the locale. **This setting must also be set for all subforms!**

The form is loaded via **Configuration Report Form or Report**. For another language, clone the record and assign the other language. Further locales can be added at any time.

Related pages



Localization

Overview.

[Open](#)



Creating forms with Jaspersoft Studio

Forms.

[Open](#)