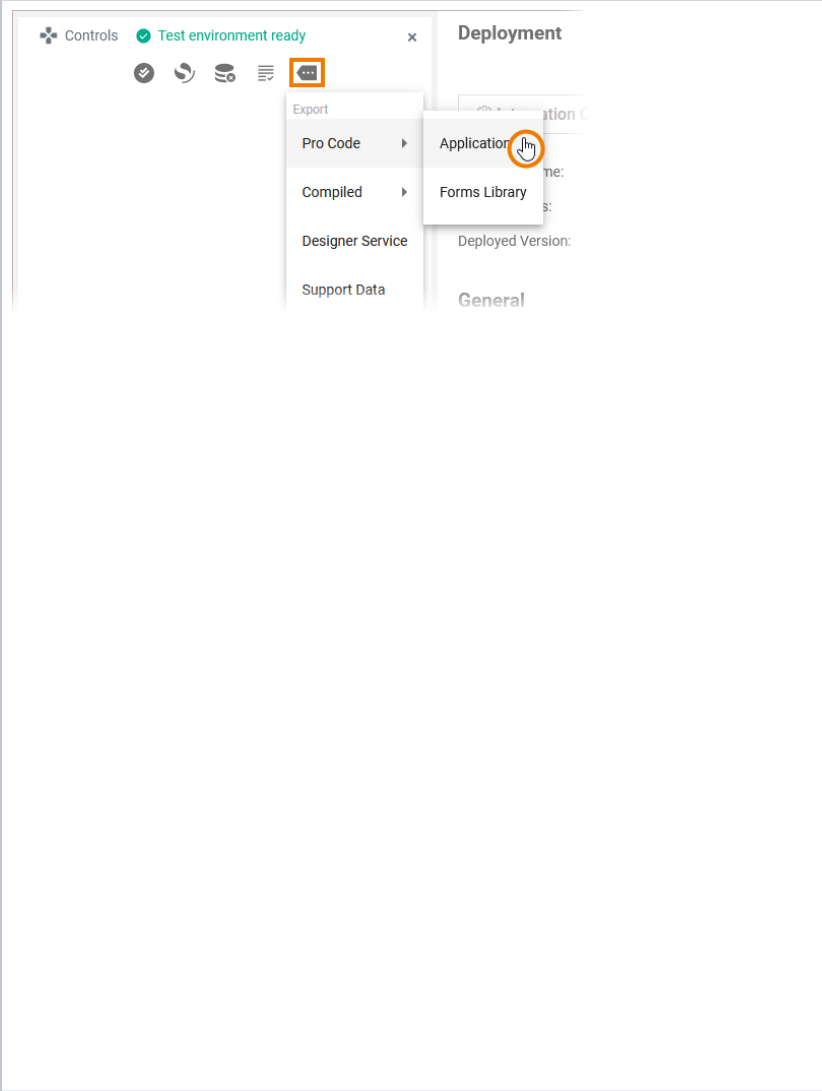


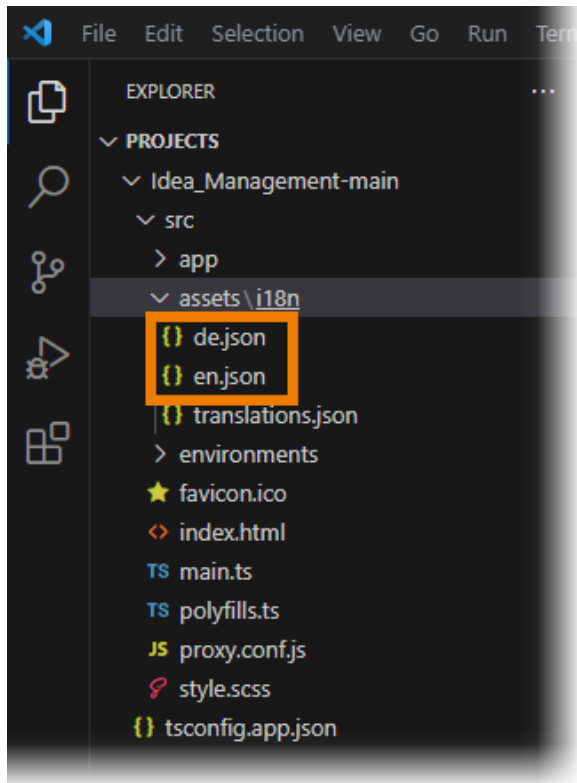
Internationalization: Translations for Forms

In international projects, you sometimes want to use a form or application in different countries and therefore you want to provide it in different languages. Pro-Code developers can define the languages they want to use and can provide translations for all contents.

Related Pages:

- [Changing the Generated Angular Application](#)
- [Developing Custom Forms in a Library](#)

 A screenshot of the Pro-Code IDE interface. The 'Controls' panel on the left shows a 'Test environment ready' status. The 'Deployment' panel on the right is visible. The 'Export' menu is open, showing options: 'Pro Code', 'Compiled', 'Designer Service', and 'Support Data'. The 'Pro Code' option is expanded, showing 'Application' and 'Forms Library'. A mouse cursor is pointing at 'Application'.	<p>To download the uncompiled Angular resources that have been generated by the Designer, open the menu in the Controls Panel and select option Application from section Export > Pro-Code to download the project resources.</p> <p>The Angular app project is then downloaded as a ZIP file. Extract the zipped resources to a folder, and open the folder as an Angular project in your favorite IDE, for example Visual Studio Code.</p>
	<p>The exported application contains already two translation files:</p> <ul style="list-style-type: none">• Geman (de.json)• English (en.json).



The files contain keys for each form element's translated attributes such as label, placeholder, defaults etc.

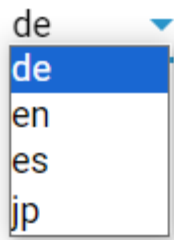
You can find them in the export folder under - **main project src /assets /i18n.**

If you want to add more languages, do as follows:

- In the project (in path **assets /i18n**) create a **language.json** with the needed language keys, e.g. ["de", "en", "es", "jp"]
- Create corresponding translation files for every language, e.g. de.json, en.json, es.json, jp.json



If there is a language .json under assets/i18n, the default ["de", "en"] is overwritten.



If you set up the Angular app project as described, users will be able to select the configured languages with the select box in the application header.

The new languages are also displayed in the user settings and can be selected here as well.