

Optional Internationalization practices

The following optional topics help you manually configure the internationalization settings of your application. The optional practices are meant for advanced or custom Angular applications.

Prerequisites

To prepare your project for translations, you should have a basic understanding of the following subjects.

- Templates
- Components
- Angular CLI command-line tool for managing the Angular development cycle
- Extensible Markup Language (XML) used for translation files

Learn about optional Angular internationalization practices

```
<a href="guide/i18n-optional-manual-runtime-locale" class="docs-card" title="Set the runtime
  <section>Set the runtime locale manually</section>
  <p>Learn how to change the runtime locale for your project</p>
  <p class="card-footer">Set the runtime locale manually</p>
</a>
<a href="guide/i18n-optional-import-global-variants" class="docs-card" title="Import global
  <section>Import global variants of the locale data</section>
  <p>Learn how to import locale data for language variants</p>
  <p class="card-footer">Import global variants of the locale data</p>
</a>
<a href="guide/i18n-optional-manage-marked-text" class="docs-card" title="Manage marked text
  <section>Manage marked text with custom IDs</section>
  <p>Learn how to implement custom IDs to help you manage your marked text</p>
  <p class="card-footer">Manage marked text with custom IDs</p>
</a>
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