

Localization & Globalization in .Net Technologies

Localization and globalization are important concepts in .NET technologies, as they allow developers to create applications that can be adapted to different cultures and languages.

Localization in .NET refers to the process of adapting an application to a specific culture or locale. This involves translating the text in the application to the language of the target audience, formatting dates, times, and numbers according to the target culture's conventions, and ensuring that the application's UI is culturally appropriate. .NET provides several ways to achieve localization, such as resource files, satellite assemblies, and the localization APIs provided by the .NET Framework.

Globalization in .NET refers to designing an application to be culture-neutral and easily adaptable to different cultures and locales. This involves creating an application that can handle cultural differences such as date and time formats, currency, and language preferences. .NET provides several ways to achieve globalization, such as the Culture Info class, which provides information about a specific culture, and the globalization APIs provided by the .NET Framework, which allow you to format and parse data according to a specific culture.

Summary, both localization and globalization are important in .NET technologies, as they allow developers to create applications that can be used by a global audience. By using these concepts, developers can ensure that their applications are culturally appropriate and can handle the unique requirements of different cultures and locales.

Steps to apply Localization & Globalization in our Blazor APP

1. Install important Packages
2. Add service
3. Create resource files for our languages
4. Inject application resource
5. Use key which we need to translated

Demo – Razor Application