

Many applications nowadays are intended to be used worldwide, supporting several languages in user interface. The process of making the application aware of multilingual environments is called localization. The programming languages used to develop such applications provide certain support for localization, but it is not perfect and may significantly complicate the development. This project aims to solve the problem in the .NET Framework environment by creating a plugin for Microsoft Visual Studio, which helps developers with routine tasks associated with localization. The most common .NET programming languages and technologies are supported, i.e. C#, Visual Basic .NET and ASP .NET. The plugin makes it possible to extract localizable string literals from source code (offering help with selecting only the relevant ones) and move them to specified resource files and vice versa. Also, editor of resource files is provided, helping developers maintain only relevant content in them and perform advanced operations with the resource files.