



Internationalizing ASP.NET MVC



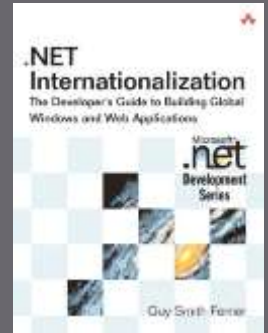
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About...

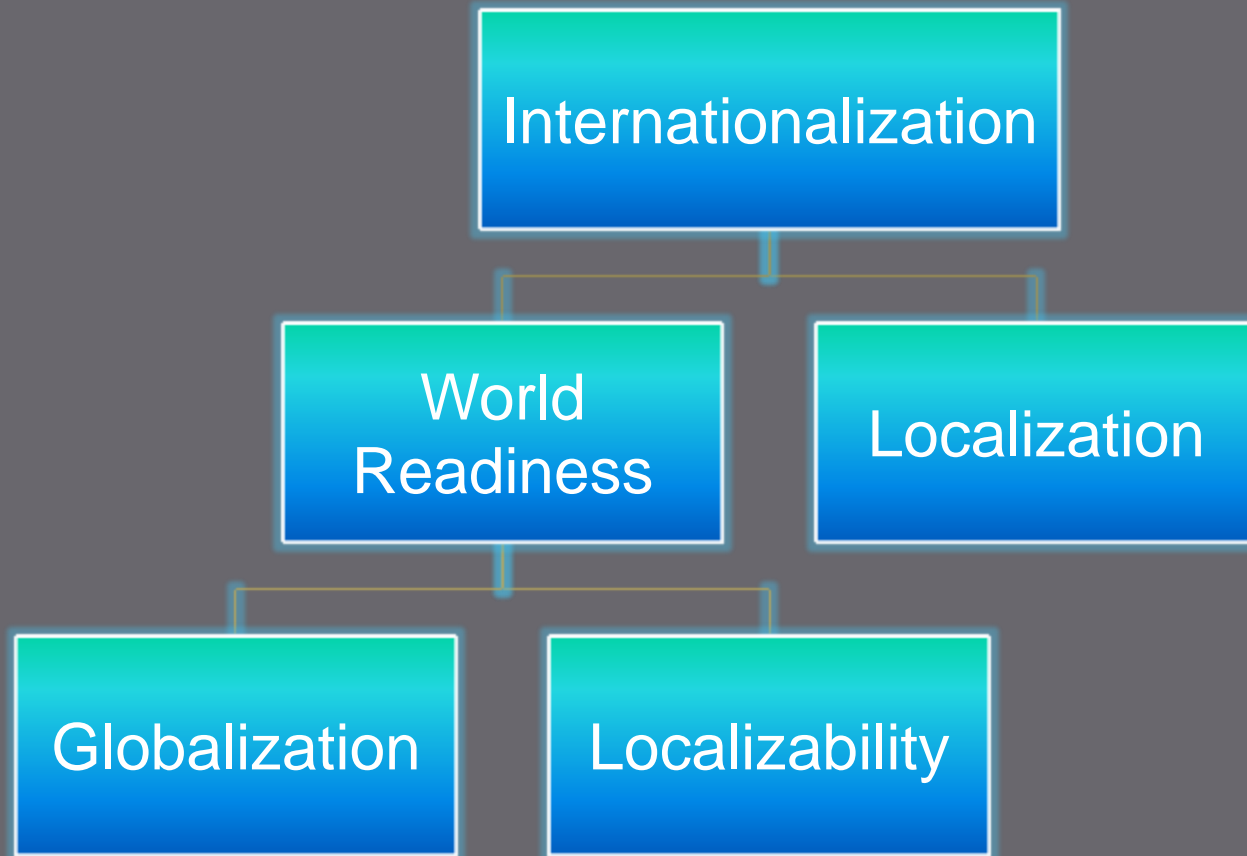
- ▣ Author of .NET Internationalization
 - Visit <http://www.dotneti18n.com> to download the complete source code
- ▣ The .NET Developer Network
 - <http://www.dotnetdevnet.com>
 - Free user group for .NET developers, architects and IT Pros based in Bristol
- ▣ DDD South West 4
 - <http://www.dddsouthwest.com>
 - Saturday 26th May 2012



Agenda

- ▣ Internationalization 101
- ▣ Setting the culture
- ▣ Localizing ASP.NET MVC
- ▣ Internationalizing Data Annotations
- ▣ Internationalizing JavaScript
- ▣ Internationalizing Data Templates

Internationalization Terminology



Globalizing JavaScript

- ▣ Globalization is achieved using the Globalize Framework
 - Formerly the jQuery Globalization Plugin, aka jquery-global
 - <http://github.com/jquery/globalize>
- ▣ The Globalize Framework culture information is generated from the .NET Framework 4

Useful Links

- ▣ Source Code For This Presentation
 - <http://www.guysmithferrier.com/page/Resources.aspx>
- ▣ .NET Internationalization Source Code
 - <http://www.dotneti18n.com/Downloads.aspx>
- ▣ Google's libphonenumber library
 - <http://code.google.com/p/libphonenumber/>
- ▣ Patrick Mezard's C# port of libphonenumber
 - <https://bitbucket.org/pmezard/libphonenumber-csharp/wiki/Home>
- ▣ The Globalize Framework
 - <http://github.com/jquery/globalize>

Summary

- ▣ There are many ways to set the application's culture
 - The best approach is to combine many approaches
- ▣ There are many approaches to localizing text/html
 - At the very least use Strongly Typed Resource Classes
- ▣ Data Annotations can be easily localized
 - Use Google's libphonenumber to globalize phone numbers
- ▣ JavaScript can be localized using JavaScript object literals
 - JavaScript can be globalized using the Globalize Framework