

# Support for Multilingual Windows Web Apps (WWA) and HTML 5 in Windows 8

Jan Anders Nelson  
Senior Program Manager Lead  
Microsoft Corporation



# Windows 8: Using the language you want

## More languages than ever before

- Microsoft will continue to be a market leader in language support with an additional **14 new display languages**
- Windows 8 will be available in **109 languages**.
- With these additional languages, Windows will provide a native language version of Windows for over **4.5 billion people**.

## Developers adding markets within existing markets

- Example: There are **35,468,501 potential customers** in the United States who speak Spanish at home.
- Every market has multilingual opportunity

Ian Hamilton, February 21<sup>st</sup>, 2012

\*Blog: <http://blogs.msdn.com/b/b8/archive/2012/02/21/using-the-language-you-want.aspx>

# The Windows Store

- Developers can deliver apps into more than 200 markets, with support for local currencies in over 70 markets
- Developers can localize their apps in more than 100 languages.
- At general availability of Windows 8, we will support app submission from 41 markets.
- Support will continue to increase as we expand the Store service beyond general availability of Windows 8.

Antoine Leblond, January 5<sup>th</sup>, 2012

\*Blogs: <http://blogs.msdn.com/b/windowsstore/archive/2012/01/05/global-reach.aspx>



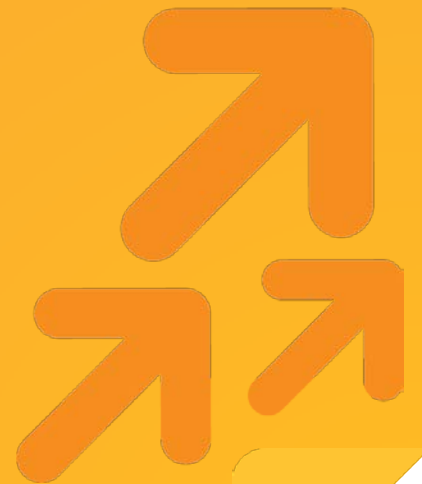
# Multilingual App Toolkit Features

- **Integration with Visual Studio IDE** enables you to add and manage translation files to a project solution using standard Visual Studio menus and dialogs.
- **Pseudo language engine** gives you 'in house' testing of localized apps by identifying translation issues during development such as hardcoded, concatenated, or truncated strings and other visual issues that arise when working with languages.
- **Translation file export & import roundtrip** provides you with the ability to send and receive resources to friends, family, or a translator services for review.
- **XLIFF lightweight editor** provides a localization UI dedicated for editing translated strings. Get translation suggestions quickly by using the integrated Microsoft Translator (requires active internet connection).

# *demo*

## Multilingual App Toolkit

- Test for localizability using pseudo translation
- Add support for German and Brazilian Portuguese
- Demonstrate integration with Microsoft Translator service
- Send Brazilian Portuguese out for translation
- Import German and Brazilian Portuguese translations
- Run German and Brazilian Portuguese translated app



# Summary

- Developer can focus on source language, MAT provides multilingual resource support
- Debug localization issues with pseudo translations
- Microsoft Translator provides translation suggestions for translator editing
- Learn more about the Multilingual App Toolkit at: <http://msdnpreview.redmond.corp.microsoft.com/en-us/windows/apps/hh848309>

# *Questions?*





# Resources

- **Multilingual App Toolkit for Visual Studio 11 Beta**
  - <http://msdn.microsoft.com/en-us/windows/apps/hh848309>
- **Develop Metro style apps using Visual Studio 11 Beta**
  - <http://msdn.microsoft.com/en-us/library/windows/apps/br211384.aspx#localization>
- **Designing a globalized Metro style app**
  - <http://msdn.microsoft.com/en-us/library/windows/apps/hh465021.aspx>
- **Go Global Developer Center**
  - <http://msdn.microsoft.com/en-us/goglobal/bb871628>

***Microsoft***<sup>®</sup>