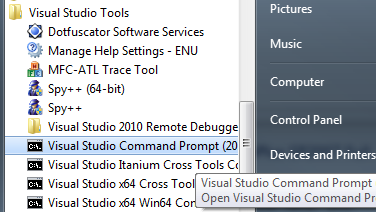
# How to Localize the WebDataGrid

## **Overview**

The steps below show how to create a satellite assembly for the German (Swutzerland) de-CH culture. The steps can be used for any culture as long as “de-CH” is replaced with a valid culture code. See MSDN’s [CultureInfo](http://msdn.microsoft.com/en-us/library/system.globalization.cultureinfo(v=vs.71).aspx) class for more information on culture codes. This document uses the WebDataGrid runtime file, but the same applies to any Infragistics ASP.NET control’s .resx file.

## Steps

1. Create an empty folder called **Localization**. Putting all of the files in one place will simplify the command line steps.
2. Download the ASP.NET source code from the [Keys and Downloads](https://www.infragistics.com/my-account/keys-and-downloads) section of the website. Note that this requires an Infragistics account and the product registered under that account.
3. Copy the WebDataGridStrings\_runtime.resx file into the **Localization** folder created in step 1. This file can be found in the source code under the Infragistics.Web.UI/Resources folder.
4. Copy the Infragistics4.Web.v14.1.dll into the **Localization** folder.
5. Navigate to the **Localization** folder in Windows Explorer.
6. Make a copy of the WebDataGridStrings\_runtime.resx file and rename that copy to WebDataGridStrings\_runtime.de-CH.resx
7. Open WebDataGridStrings\_runtime.de-CH.resx in Visual Studio and provide translations for the strings. For the filter dropdown options, translate all strings starting with “LS\_FilterRule\_” and followed by the rule name (ex. LS\_FilterRule\_After, LS\_FilterRule\_Before, LS\_FilterRule\_Equals).
8. Open the Visual Studio Command Prompt.  
   
9. Navigate to the **Localization** folder created in step 1 with the cd command.  
   ***cd C:\Localization***
10. Once in the Localization directory, type in the following command at the command prompt.  
    **sn -e Infragistics4.Web.v14.1.dll StrongName.key**The above command will create a **StrongName.key** file in the Localization folder and extract the public key that was used to sign the **Infragistics4.Web.v14.1.dll** assembly. We’ll need to use this key file to delay sign the satellite assembly that we are going to create.
11. Now type in the following command.  
     ***Resgen WebDataGridStrings\_runtime.de-CH.resx***The above command will create **WebDataGridStrings\_runtime.de-CH.resources** file in the **Localization** folder.
12. Now type in the following command.  
    ***Al.exe /t:lib /embed:WebDataGridStrings\_runtime.de-CH.resources,Infragistics.Web.UI.Resources.WebDataGridStrings\_runtime.de-CH.resources /culture:de-CH /out:Infragistics4.Web.v14.1.resources.dll /template:Infragistics4.Web.v14.1.dll /keyf:StrongName.key /delay+***The above command will create **Infragistics4.Web.v14.1.resources.dll** file in the **Localization** folder, which is the satellite assembly.
13. Now type in the following command.   
    **sn -Vr Infragistics4.Web.v14.1.resources.dll**  
    The above command will allow us to install the **Infragistics4.Web.v14.1.resources.dll** assembly into the GAC without having it fully signed.
14. Now type in the following command.  
    **gacutil -i Infragistics4.Web.v14.1.resources.dll**  
     The above command will install the satellite assembly into the GAC.
15. Create or open your website. Set the following attributes on the .aspx page.
    1. Set the Page UICulture and Culture attributes to Auto.

<%@ Page Language="C#" AutoEventWireup="true" UICulture="Auto" Culture="Auto" CodeFile="Default.aspx.cs" Inherits="\_Default" %>  
Alternatively, this can be set in the web.config file between the <system.web> tags.  
<globalization culture="Auto" uiCulture="Auto" />

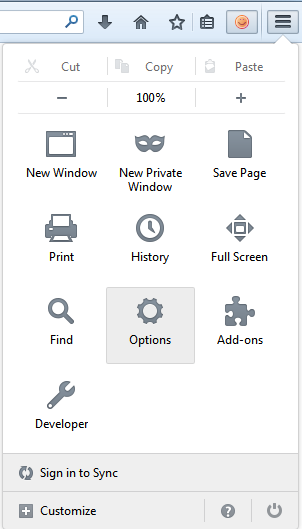
* 1. Set the ScriptManager EnableScriptGlobalization attribute to true.  
     <asp:ScriptManager EnableScriptGlobalization="true" ID="ScriptManager1" runat="server"/>

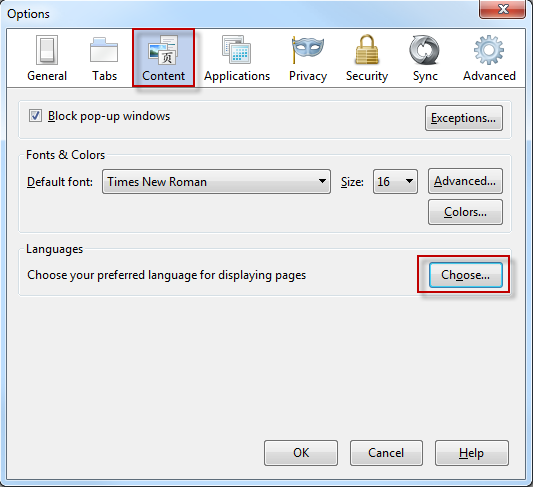
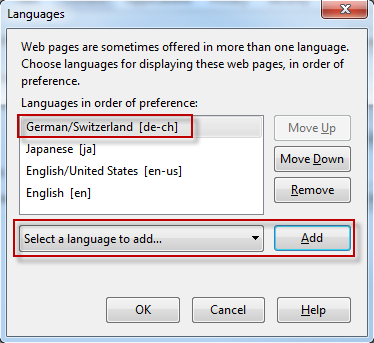
That’s it - you are done!

## Testing

If you are using a computer with a different language than your target language, and want to test that the satellite assembly is working, you can change the language the browser uses.

1. Access the browser options dialog. The example shown is for Firefox on Windows 7, but this will vary based on OS and browser. For example, in Windows 8, Internet Explorer will display the Control Panel, where you can set the language preferences.



1. In the “Content” tab under Languages, click on the “Choose…” button.  
   
2. Click “Add” to add the target language, if it is not already in the list. Move the target language to the top of the list. The top language is the one that will be used.  
   
3. Close all instances of the browser to apply the language settings.
4. Now you can test your website in that browser using the preferred language.