

Best way to make website for multiple languages

Asked 9 years, 4 months ago Active 4 months ago Viewed 34k times



8

I have made a website using(**Asp.net, c#**) and its content in **English**. Now i have a requirement to make this website in such a way that is support multiple languages ie (**German,French**). Lable/Textbox/ string all values will display respective selected languages
While searching i came to know there are some ways like



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- Using localization
- Use resource file.
- Database(every thing is saved in database for different language).

frankly speaking I am not agree with 3rd option.

I want to know which is the best way to go or is there any other better way?

Note:Current Website was built using **.NET framework 4.0/ vs 2010**.

Thanks

c# asp.net .net localization

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edited May 10 '12 at 14:11



ganesshkumar

1,179 1 15 34

asked May 10 '12 at 11:59



Satinder singh

9,416 15 54 93

one way of doing it would be to have fully translated pages with just different names e.g AboutPage.en and AboutPage.fr, then depending on which language is picked you just display the page with the corresponding ending to that language. – RhysW May 10 '12 at 12:02

1 some good links about the topic: stackoverflow.com/questions/160335/... stackoverflow.com/questions/7783112/... – Christopher Rathermel May 10 '12 at 12:04

1 Take a look at this thread: stackoverflow.com/questions/470366/... – Felipe Oriani May 10 '12 at 12:04

- 1 read this: hanselman.com/blog/... – [animaonline](#) May 10 '12 at 12:04
- 1 @satindersingh Yes that sounds reasonable but it will really depend on the details of your project. For example if you have to do a lot of image changes and thus CSS it might make sense to put it all in the DB even though at first thought it sounds like overkill. I would also take a look at 3rd party tools like ~CodeBlend mentioned. – [Christopher Rathermel](#) May 10 '12 at 12:23

3 Answers

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Resx:

6

<http://msdn.microsoft.com/en-us/library/ms227427.aspx>



<http://dreamdotnet.blogspot.com/2007/01/tutorial-translating-aspnet-web.html>



You can use resx files for multiple languages and use the ResXResourceWrite to update them (if you want users to be able to update the files: <http://msdn.microsoft.com/en-us/library/system.resources.resxresourcewriter.aspx>)

This solution is only good for static content. If you want to be able to translate content from the database (for example if you have products stored in your database, and you want that the description of the product to be multilingual too). In this case you'll need to change you DB Scheme in order to support multilingual content.

PS you can use `GetLocalResourceObject("key")` in order to retrieve values without using web controls.

If you're using MVC, see the following question: [How to localize ASP.NET MVC application?](#)

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edited Apr 8 '20 at 13:27



Alex

142 3 12

answered May 10 '12 at 12:22



Standard Toaster

111 5

thanks, i have done by using three .resx file(.En, .De, .Fr) under App_globalization folder , and its work fine fine – [Satinder singh](#) May 31 '12 at 8:09



Sample code i have done using resource file add global.asax

2



```

void Application_BeginRequest(Object sender, EventArgs e)
{
    // Code that runs on application startup
    HttpCookie cookie = HttpContext.Current.Request.Cookies["CultureInfo"];
    if (cookie != null && cookie.Value != null)
    {
        System.Threading.Thread.CurrentThread.CurrentUICulture = new
System.Globalization.CultureInfo(cookie.Value);
        System.Threading.Thread.CurrentThread.CurrentCulture = new
System.Globalization.CultureInfo(cookie.Value);
    }
    else
    {
        System.Threading.Thread.CurrentThread.CurrentUICulture = new
System.Globalization.CultureInfo("en");
        System.Threading.Thread.CurrentThread.CurrentCulture = new
System.Globalization.CultureInfo("en");
    }
}

```

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edited May 7 at 0:50



Martijn Pieters ♦

912k 253 3617
3056

answered Jun 14 '12 at 11:07



Satinder Singh

9,416 15 54 93

Does it have any security concerns? – Javid May 5 '19 at 16:46



For dynamic content a third party plugin or adding something such as Google translate would do it;

-1

http://translate.google.com/translate_tools

FYI; Google Chrome has built in auto-translate and Chrome's popularity is growing fast... wow imagine a web where regardless of language you have access to ALL content this isn't that but I thought I would share my thoughts



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answered May 10 '12 at 12:14



Coops

4,381 5 35 53

- 1 Using third party control is not a good way. As a am making a product so using google translator is bad choice coz using it will change the whole UI, pop up etc – [Satinder singh](#) May 10 '12 at 12:24
- 2 Have you ever tried this kind of automatic translation? I assure you that a site automatically translated does not support multiple language: the results from English to French are atrocious (an exemple I know well) and I would be surprised if it were different for other languages. Automatic translation helps a user understand the general idea of a site, but the result is pretty painful... – [Falanwe](#) May 10 '12 at 12:27

They are valid points based on more experience than mine but what about getting a general idea of the dynamic content displayed? – [Coops](#) May 10 '12 at 12:29

To have an idea of what I'm talking about, have a look at [the Google translate result for one of the most prominent French newspaper site](#) – [Falanwe](#) May 10 '12 at 12:34 

@Falanwe : yes it translated the content, but its looks odd and not sure that translated content is perfect, even effect UI – [Satinder singh](#) May 10 '12 at 12:47
