

SharePoint Custom Field - Variation labels User Guide

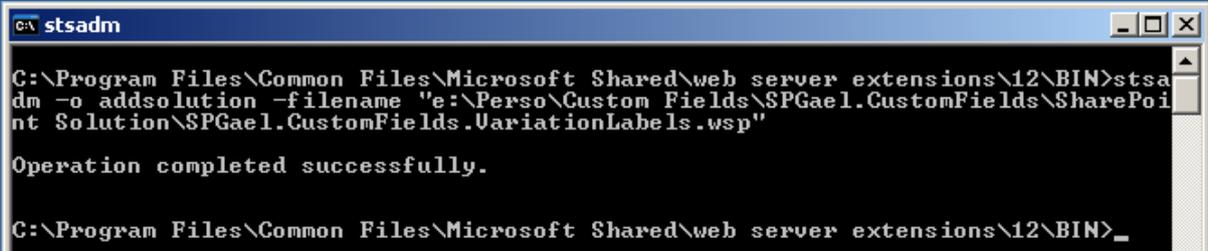
<http://www.codeplex.com/VariationLabelsCsFld>

by [Gael Duhamel](#)

1- Add solution

Open a command prompt and type:

```
Cd C:\Program Files\Common Files\Microsoft Shared\web server extensions\12  
  
stsadm -o addsolution -filename  
c:\DirectoryWhereYouDownloadTheSolutionFile\SPGael.CustomFields.VariationLa  
bels.wsp
```



```
C:\Program Files\Common Files\Microsoft Shared\web server extensions\12\BIN>stsadm -o addsolution -filename "e:\Perso\Custom Fields\SPGael.CustomFields\SharePoint Solution\SPGael.CustomFields.VariationLabels.wsp"  
Operation completed successfully.  
C:\Program Files\Common Files\Microsoft Shared\web server extensions\12\BIN>_
```

2- Deploy solution

- Go to SharePoint Central Administration
- Click on Operation tab
- Click on Solution Management
- Click on SPGael.CustomFields.VariationLabels.wsp link
- On the solution properties webpage click on Deploy Solution button

Central Administration Welcome System Account |

Central Administration

Home **Operations** Application Management Site Actions ▾

Central Administration > Operations > Solution Management > Solution Properties

Solution Properties

[Deploy Solution](#) | [Remove Solution](#) | [Back to Solutions](#)

Deploy Solution

Name:	spsgael.customfields.variationlabels.wsp
Type:	Core Solution
Contains Web Application Resource:	Yes
Contains Global Assembly:	Yes
Contains Code Access Security Policy:	No
Deployment Server Type:	Front-end Web server
Deployment Status:	Not Deployed
Deployed To:	None
Last Operation Result:	No operation has been performed on the solution.

Server Farm Configuration Not Complete
See [administrator task list](#) for more information

View All Site Content

Central Administration

- Operations
- Application Management

Shared Services Administration

[Recycle Bin](#)

- On the Deploy Solution webpage choose your deployment method:
 - o Now
 - o Scheduled
- Click Ok
 - o Deploying a solution restart IIS!!! (be careful ^^)

Central Administration Welcome System Account |

Central Administration

Home **Operations** Application Management Site Actions ▾

Central Administration > Operations > Solution Management > Solution Properties > Deploy Solution

Deploy Solution

Use this page to deploy the solution.

<p>Solution Information</p> <p>Information on the solution you have chosen to deploy.</p>	<p>Name: spsgael.customfields.variationlabels.wsp</p> <p>Locale: 0</p> <p>Deployed To: None</p> <p>Deployment Status:</p>
<p>Deploy When?</p> <p>A timer job is created to deploy this solution. Please specify the time at which you want this solution to be deployed.</p>	<p>Choose when to deploy the solution:</p> <p><input checked="" type="radio"/> Now</p> <p><input type="radio"/> At a specified time:</p> <p>5/26/2008 11 PM 00</p>
<p>Deploy To?</p> <p>The solution contains Web application scoped resources and should be deployed to specific Web applications. Please choose the Web application where you want the solution to be deployed.</p>	<p>Choose a Web application to deploy this solution:</p> <p>All content Web applications ▾</p> <p>Warning: Deploying this solution will place assemblies in the global assembly cache. This will grant the solution assemblies full trust. Do not proceed unless you trust the solution provider.</p>

OK **Cancel**

- On the Solution Management webpage, check if your solution is correctly deployed

`spgael.customfields.variationlabels.wsp` Deployed

- Your solution is now deployed and the feature activated
 - o For ensure go to your Site Collection administration page and click on “Site Collection Features” and check if “SPGael - Custom Field - Variation labels” is activated (if not, just click on Activate button)



3- Add the custom field to a SharePoint List

- Edit the settings' list and click “Create column” and fill out:
 - o Column name: *Language*
 - o Set if you want that it's a mandatory column
 - o Use elevated privilege
 - The variation list is available for administrator only. So if you want that your field can be used by all of your profile, just tick the checkbox.
 - o Click ok

Name and Type
Type a name for this column, and select the type of information you want to store in the column.

Additional Column Settings
Specify detailed options for the type of information you selected.

Column name:

The type of information in this column is:

- Single line of text
- Multiple lines of text
- Choice (menu to choose from)
- Number (1, 1.0, 100)
- Currency (\$, ¥, €)
- Date and Time
- Lookup (information already on this site)
- Yes/No (check box)
- Person or Group
- Hyperlink or Picture
- Calculated (calculation based on other columns)
- Chose Life Cycle Phases
- Validate your field's value with a regular expression
- SPGael - Custom Field - Display the available languages
- Business data
- Variation labels choice

Description:

Require that this column contains information:
 Yes No

Use elevated privilege: *

Add to default view

- o Your new field is now added to your list

4- Add/Edit the new entry

- On your list, click new item (or edit an item, it's the same way)

CodePlex - example: New Item

OK Cancel

Attach File | Spelling... * indicates a required field

Title * Test

Language * Select a variation...
Select a variation...
English
Gaelige
Francais
aaaaa

OK Cancel

- Below a view on the variation labels' list:

Variation Labels

Use this page to configure variation labels.
[Show me more information.](#)

Label	Display Name	Language	Locale	Is Source	Description	Hierarchy Is Created
English	English	English (United States)	English (Eire)	Yes		Yes
Gaelige	Gaelige	English (United States)	Gaelige (Éire)	No		Yes
French	Francais	English (United States)	français (France)	No		Yes
blbl	aaaaa	English (United States)	български (България)	No		Yes

5- How-to: add this new field to a list from object model (c#)

If you want to add programmatically this custom field in a list, use these lines of code:

```
String languageId = spList.Fields.AddFieldAsXml(String.Format("<Field  
Type=\"SPGaelVariationLabelsFieldType\" DisplayName=\"{0}\" Name=\"{0}\"  
Required=\"TRUE\" />", SPGael.SharedConstants.LANGUAGECOLUMNNAME));  
SPField language = spList.StaticFields.GetField(languageId);  
language.Title = SPGael.SharedConstants.LANGUAGECOLUMNNAME;  
language.Update();
```

6- How-to: add a variation lookup column to a list

If you don't want to use a custom field, you can add a lookup column based on the variation labels with these lines of code:

```
String _VarLabelsListId =  
spWeb.AllProperties["_VarLabelsListId"].ToString();  
SPList VariationLabels = spWeb.Lists[new Guid(_VarLabelsListId)];  
SPList list = spWeb.Lists["Static texts configuration list"];
```

```
String sLanguage = list.Fields.AddLookup("test", new
Guid(_VarLabelsListId), true);
SPFieldLookup language = (SPFieldLookup)list.Fields.GetField(sLanguage);
language.LookupField = VariationLabels.Fields["Flag Control Display
Name"].InternalName;
language.Update();
```