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Introduction

This Localization guide explains the fundamentals of setting up an Accord LMS portal to support different languages. In this documentation, we will provide a step-by-step guide to add Spanish as a second language to a default installation (English) portal.

Localization has many steps and options. This guide provides a general overview. You may need to consult other documentation as well.

For more information:

DNN Training Videos > Localization

DNN Core Language Pack

Acquiring a Language Pack

Here you will find information on how to acquire different language packs for different languages. Core language packs provide all the language translations for the DNN core framework, but for none of the DNN modules. Full language packs include translations for the modules as well as the core. Many of the language pack references will direct you to commercial sites.

For this documentation, we will install the Spanish language pack that is included within DotNetNuke 7.0+.

Deploying a Language Pack

- Access the site.
- Login as “Host”.

Welcome to Accord LMS Setup!
To perform most of the updates in the Guide, the Edit Mode must be selected

- Go to the menu Admin > Languages.

- Click **Install Available Languages**.

- Click **Deploy** next to the language you want to install.
You will see the **Package Information** page. This shows the details of the language pack.

- **Click Next**

At the Release Notes page,

- **Click on Next.**
- If you see a Review License page, check Accept License.
- Click on Next.

- The last screen is the Package Installation Report which should list all the items loaded for the Language Pack with a final message at the bottom saying Installation Successful. If you see an error message instead, there could be a problem with the file. Try loading a different one.
- Click on **Return** to finish the installation.

- Go to the menu **Admin > Languages**.
The new installed language for your portal is shown:
Enable Content Localization

Once the language package has been installed, **Allow Content Localization** must be enabled so that site administrators can localize content for their site.

- Go to the menu **Host > Host Settings**.
- Click **Other Settings** Tab.
- Scroll down the page.
• Check “Allow Content Localization”.

• Click **Update** to save your changes.
• Click **Restart Application** to finish applying the changes.
Setting the Default Language

- Go to the menu **Admin > Languages**.

Select from the dropdown list the default site culture. In this example we will keep English (United States) as the default language.
• Click Update.

Selecting a Site Default Culture will be permanent for this portal and cannot be changed later.

In order for our site to display Spanish content we need to Enable Localized Content.

• Click Enable Localized Content.
A popup window will be displayed indicating the site default culture (selected above) and requesting confirmation to perform the changes.

- Click **Enable Localized Content**.
Localizing your content will create a copy of every page and all module instances. For example, “Home” will be copied to a new “Home (es-ES)”.

A new Content Localization section with several columns will be added to the Languages table.

Now that both languages are enabled a Language Selector control will appear in your website. Depending on the configuration of the skin object, this will appear as a drop down or as a flag set.

Automatic Browser Language Detection can also be activated.

- Check the box Enable Browser Language Detection.
• Click Update.

Setting Language Details
• Go to Edit column of Spanish Language
• Click the pencil icon.

**Fallback Language**

Each installed language has the option of setting a fallback language in case an error occurs with the selected language.

• Select the **Fallback Language** from the drop down list.
• Click Update.
Localized Content Translators

Set which roles have explicit Edit Rights to translate all new pages and localized modules for this language using the Languages module.

- Check the box beside each role which can translate this language.

Click **Update** to save your changes.
Translating Content

Updating Page Titles

Localizing your content will create a copy of each page name for the new language. Each page name will have its default language name appended with the new Language Pack code. For example, “Home” will now be “Home (es-ES)”.

To translate these names to Spanish we need to edit each page’s settings.

- Go to the menu **Admin > Page Management**

- Select the page on the left by clicking on it.
• Update the **Page Name** to the new language equivalent.
The text entered in Page Name will be displayed in the menu and page heading, if enabled in your skin.

- Click Update Page.

You will see that Home (es-ES) menu has changed to Inicio:

![Welcome to Accord LMS Setup!](image)

- Repeat for the remainder of your pages.
Translating Page Content

The language packs you download and install handle the translation of the labels and messages. Custom content will need to be updated in different ways. In our example, we will show you how to update HTML module content.

- Navigate to a Spanish page with custom content.
- Click the Edit Page button to open the Action Menu.
- Select Edit This Page.
- Roll your mouse over the pencil icon and select **Edit Content**.

- In the text editor, replace the default content with your own.

- Click **Save**.
Marking Pages as Translated

Pages can be marked as translated to keep track of what is completed and what remains to be done.

- Go to the menu **Admin > Page Management**.

- Select the page on the left by clicking on it.
• Scroll down the page and click **More Settings**

• Click on **Localization** tab.
• Check the boxes of the language translated both in either Page and/or Module Localization.

• Click **Mark as Translated**.
The screen refreshes to display the updates.

This will increment the percentage of pages that are translated.

**Note:**

If you want to edit a Language pack, clicking the pencil icon under Static Resources column will open the DNN Language Editor. Each option (System, Host and Site) refers to different instances of your DNN installation.

- **System resources** are the English (en-US) resource files that come with the product (sometimes called base resources). These are considered the default and base for all other resources, and the last fallback resort when searching for a given resource string.
- **Host resources** are the resource files for all of the portals within this installation of DNN. Editing these creates a custom set of resources for all of the DNN portals on this installation.

- **Site resources** are resource files that have had their default information overwritten so that a different version of the resource file information is now used by this specific portal. This customized version would only be applicable in the portal for which it is defined.

*System* will edit the base file for a given language. These files should only be edited if you plan to export the RESX for a custom Language Pack, such as when developing a Language Pack for a different language. All System files will be copied over with each new DNN installation. A new module installation will ONLY copy over the SYSTEM strings for the DEFAULT language. **Host** will create a custom version of the localized file for the entire DNN installation. **Site** will create a custom version of the localized file just for the current portal.

Please refer to the How to Customize Text Strings document available for download at www.accordlms.com for complete step-by-step guide on editing RESX files.
User Localization Experience

Preferred Locale

A locale is the combination of a Language Code and a Country Code. Many languages are spoken in more than one country, and dialects may differ from one country to the next.

For instance, English in the United States is slightly different from English in the United Kingdom…and French in Canada is slightly different from French in France.

A locale accounts for this differentiation.

Different types of locales:

- **System Locale** is the locale that DotNetNuke is coded to by default. Our System Locale is “en-US”.
- **Default Portal Locale** is the portal’s default locale. Each portal can specify its default locale. This will be the locale that is automatically selected when a user (with an unknown locale) visits the portal site. The default locale can be changed in the Site Settings page. For example, demo.accordlms.com has the default language set to en-US so all its users have English (United States) as preferred locale by default.
- **User Selected Locale** is the locale that the user selects when they visit the portal.

The System Locale, Default Portal Locale, and the User Selected Locale support the use of a Fallback Locale. A fallback locale is used when a translation for a particular locale isn’t found in the translation file.

Browser Language Detection

Browser Language Detection will set the user’s default site language to the language specified in the user's browser (if available). This will allow the end user to have more control over the default language he sees in those cases where a Preferred Locale is not selected.

- Go to Admin > Languages.
- Check the box **Enable Browser Language Detection**.

- Click **Update**.
General “View” Setting

To make module localization enabled by default for all Registered Users the Control Panel Mode should be set to View.

- Go to the menu Admin > Site Settings.

- Click on Advanced Settings tab.

- Expand Usability Settings.
• Select View in Control Panel Mode.

• Click Update.
Multilanguage

When a DNN site is set as **Multi Language**:

- If a user registers on the Spanish registration page, they will be automatically assigned the es-ES culture locale.
- If a user registers on the English registration page, they will be automatically assigned the en-US culture locale.

Accord LMS Localization

**Acquiring the Language Pack**

For this example, we will install the Accord LMS Spanish language pack.

To acquire this pack, we follow the link to the Accord LMS Resources page [http://www.accordlms.com/resources/documentation](http://www.accordlms.com/resources/documentation)
Click the **Download** button to get the **Accord LMS Lang Pack (es-ES)** to our local computer.
Installing the Language Pack

- Go to the menu **Admin > Languages**

  ![Admin Languages Menu]

- Click **Install Language Pack**.

  ![Install Language Pack Screen]

- Click on the **Choose File** button and select the ZIP file.
• **Click on Next.**

You will see the Package Information page. This shows the details of the Accord LMS Language Pack.
• Click on **Next** to install it.

• At the Release Notes page, click on **Next**.

• If you see a Review License page, check **Accept License**.

• Click on **Next**.
The last screen is Package Installation Report which should list all the items loaded for the Accord LMS Language Pack with a final message at the bottom saying Installation Successful.

- Click on **Return**.

To verify that the Accord LMS Language Pack has installed correctly:

- Go to the menu **Host > Extensions.**
The new Extension Language Pack is displayed along with its version number.

![Extension Language Packs](image)

Installing language packs does NOT change the content of the pages.

**Reference Default Culture**

If the Accord LMS was installed before the language pack, you will notice that the localization process made copies of all pages and content and ports over all IPortable content. The new Accord LMS Manager Module does not support IPortable for the eLearning catalog. Therefore it will not have any eLearning content in the new Spanish catalog. If you want the Spanish LMS Manager Module to share the same eLearning Catalog as the default English catalog, then it needs to be set to reference the default culture LMS Manager Module.

The Reference Default Culture option will load the default module content and configuration.
- Open the **English** page with the **LMS Manager Module**.

- Roll your mouse over **Edit Page** menu.
- Select **Page Settings** from the drop down menu.

- Click on **Localization** tab.
• Check the box corresponding to the **Spanish** module of **Interzoic Accord LMS-Manager**

• Click **Reference Default Culture**.
The Reference Default Culture option will load the default eLearning Catalog and configuration.