

Table of Contents

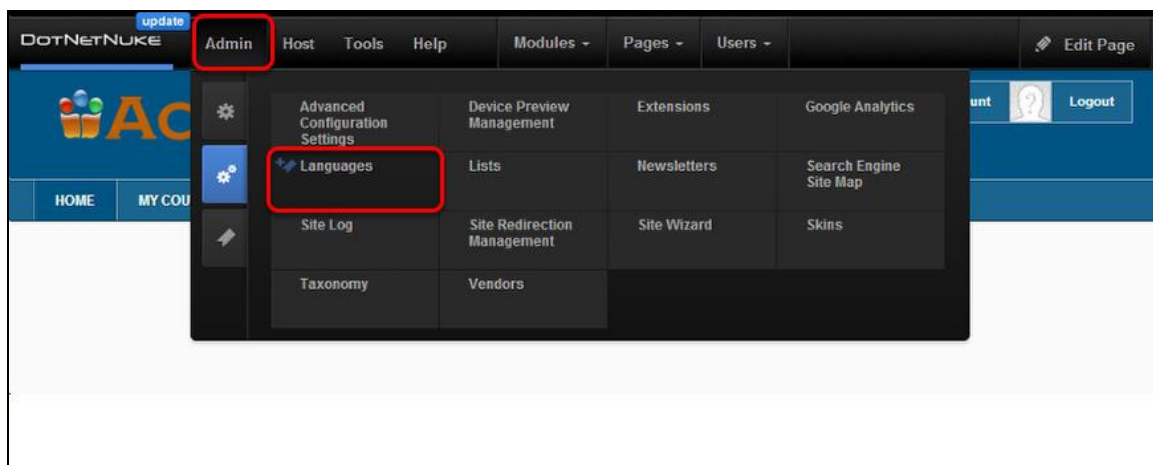
Introduction.....	2
Browsing RESX files	2
Interzoic.AccordLMS	7
App_LocalResources.....	7
CommonControls > App_LocalResources	12
Controls > App_LocalResources	12
FilteringControls > App_LocalResources	17
ReportControls > App_LocalResources	18
Interzoic.Show Hide	19
App_LocalResources.....	19
Editing RESX Strings	20
Reviewing Updates.....	22
Locating Specific Accord LMS RESX Strings	23
Desktop (local) Access to the Web Files	24
FTP Access and Download	29
DotNetNuke Translator	31

Introduction

This guide explains the fundamentals of customizing an Accord LMS portal language to suit your needs. In this documentation, we will provide a step-by-step guide on how to locate the strings you want to change and how to update them using the DNN language editing tools.

Browsing RESX files

- Access the site
- Login as “Host”
- Go to the menu **Admin > Languages**



1. Click the pencil  icon located under “Site”.



The screenshot shows the 'LMS ADMIN' section of the Accord LMS interface. At the top, there's a navigation bar with links: HOME, MY COURSES, CATALOG, RESOURCES, TRANSCRIPTS, COMMUNITY, ECOMMERCE, and LMS ADMIN. The user is logged in as 'SuperUser Account'. The main content area is titled 'System Default: English (United States)' and 'Site Default: English (United States)'. There are radio buttons for 'Native Name' and 'English Name'. Below these are checkboxes for 'Enable Browser Language Detection?' (checked) and 'Allow users to choose interface language?' (unchecked). An 'Update' button is present. A table lists language resources:

Culture	Enabled	Edit	Static Resources		
			System	Host	Site
English (United States) **	<input checked="" type="checkbox"/>				

Below the table, a note states: '** - The default site language cannot be disabled'. At the bottom, there are buttons: 'Add New Language', 'Install Language Pack', 'Install Available Languages', 'Create Language Pack', and 'Verify Language Resource Files'.



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.

Note:

- **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.
- Translated resources (if any) are any given set of resources for a specific language other than the default one. They can be edited either in the Host or the Site resources section.



If your system is Multilanguage, make sure you edit the files that corresponding to the culture you want to customize.

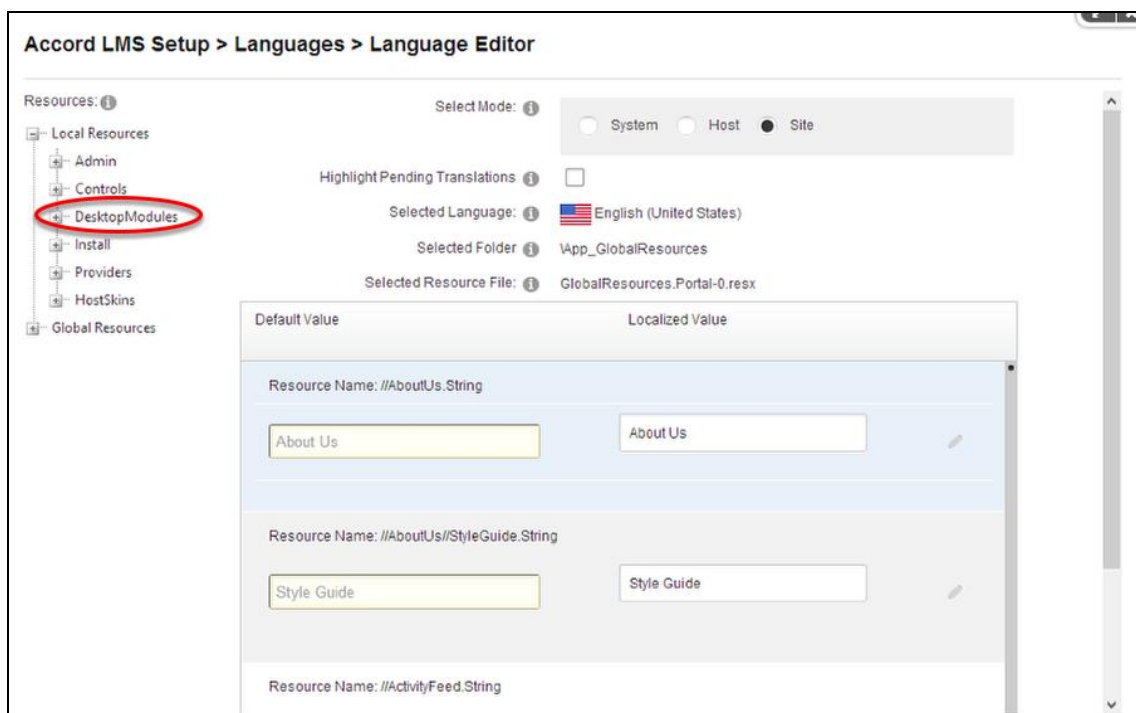
2. Expand **Local Resources** by clicking the plus “+” symbol

The screenshot shows the 'Resources' management interface in Accord LMS. On the left, a tree view shows 'Local Resources' expanded, indicated by a red circle around the plus symbol. The main area displays configuration options for the selected resource file, 'GlobalResources.Portal-0.resx'. These options include 'Select Mode' (set to 'Site'), 'Highlight Pending Translations' (unchecked), 'Selected Language' (English (United States)), 'Selected Folder' (App_GlobalResources), and 'Selected Resource File' (GlobalResources.Portal-0.resx). Below these is a table with two columns: 'Default Value' and 'Localized Value'. The table contains three rows of resource entries:

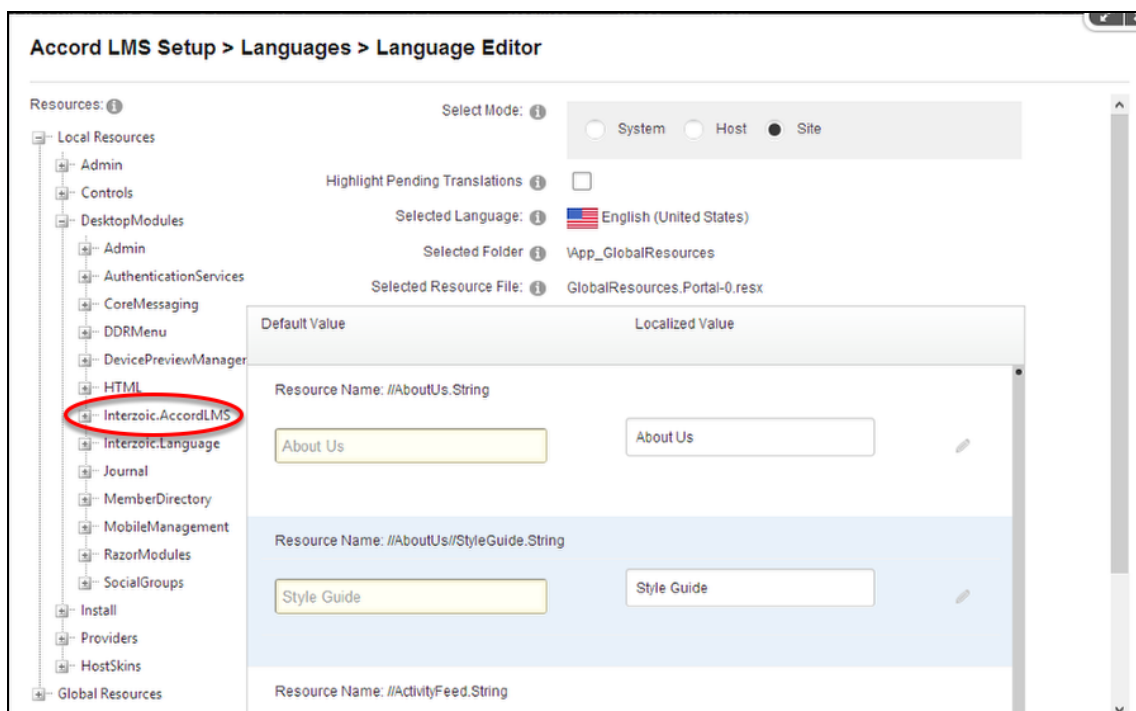
Default Value	Localized Value
Resource Name: //AboutUs.String About Us	About Us
Resource Name: //AboutUs//StyleGuide.String Style Guide	Style Guide
Resource Name: //ActivityFeed.String Activity Feed	Activity Feed

At the bottom of the interface are three buttons: 'Save Resource File', 'Delete Resource File', and 'Return'.

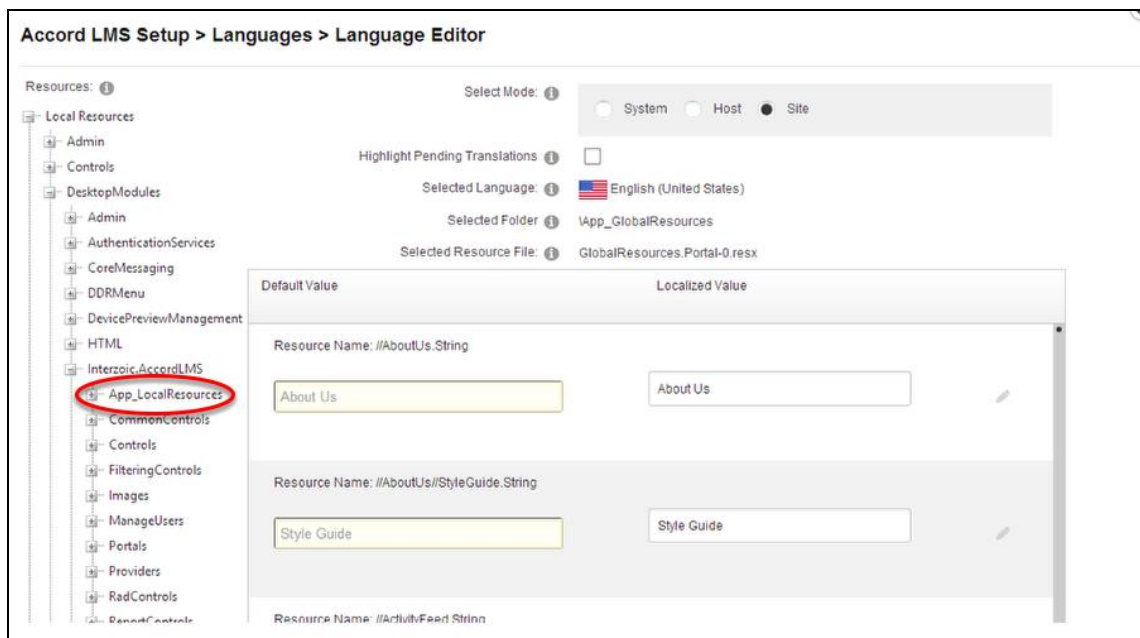
3. Expand **Desktop Modules**



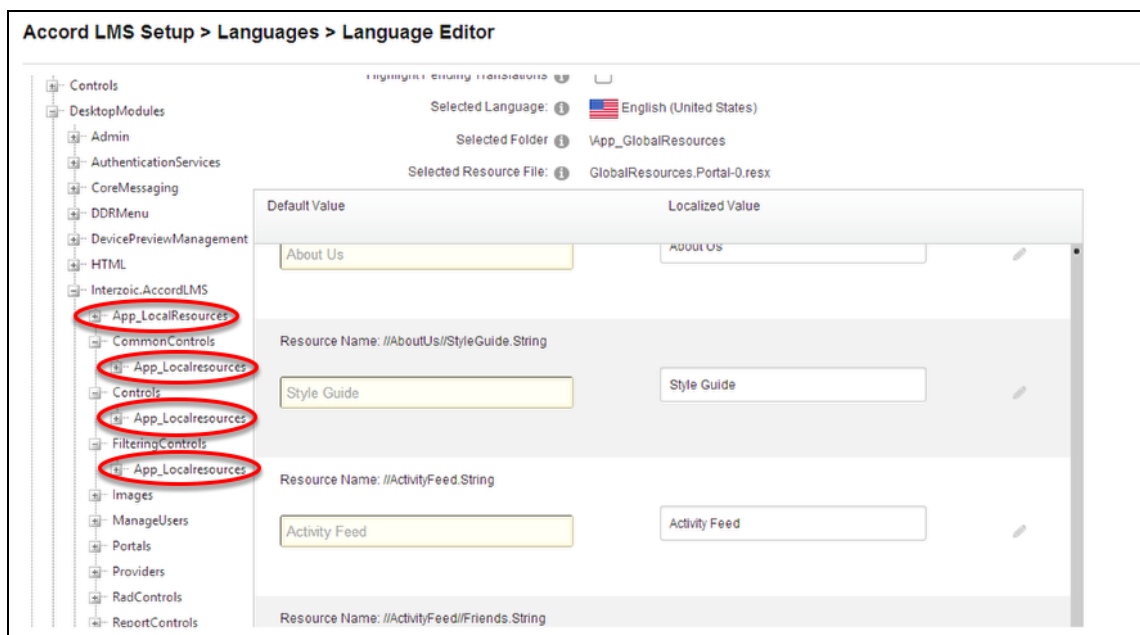
4. Expand **Interzoic.AccordLMS**



5. Expand **App_LocalResources**



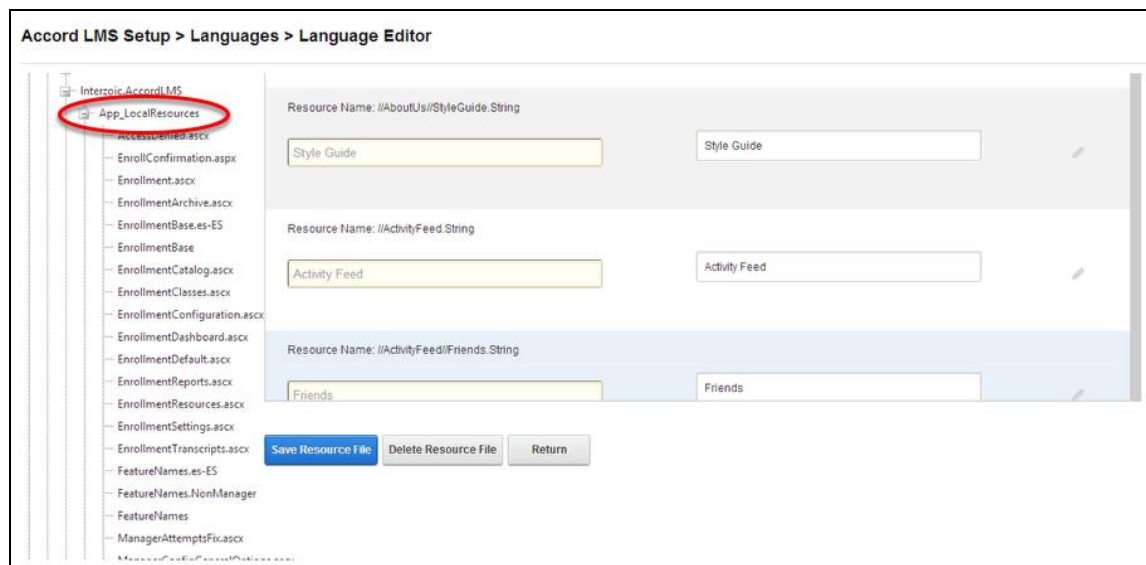
- There are four **App_LocalResources** folders. Expand any of these folders to see the different RESX files.



Interzoic.AccordLMS

App_LocalResources

Inside **App_LocalResources** you will notice a list of files with .ASCX extension. The relationship between the web controls used (*.ASCX) to build the modules and the RESX is done automatically by the file name. So the RESX file has the same name as the control (including.ASCXextension), and then added .RESX at the end of the file. Only some special RESX within the module, not directly related to some control, such as **SharedResources.RESX** have no control extension (.ASCX).



- **Enrollment.ascx Learner**

This file holds the control text shown in Learner's My Plan.

- **EnrollmentArchive.ascx Learner**

Learner's Archive text strings.

- **EnrollmentCatalog.ascxLearner**

This file holds the control text shown in Learner's Catalog.

- **EnrollmentClasses.ascx Learner**

Text string shown in Learner's Access screen.

- **EnrollmentConfiguration.ascx Learner**

Controls text shown in Learner's Configuration

- **EnrollmentDefault.ascxLearner**

Learner's Tabs labels for Dashboard, My Plan, Archive, Catalog, Access and Configuration.

- **EnrollmentResources.ascx.resx Learner**

Learner's Resources tab content is managed here

- **EnrollmentSettings.ascx.resx Learner**

Learner Module Settings

- **EnrollmentTranscripts.ascx.resx Learner**

This file holds the control text shown in Learner's Transcripts tab.

- **FeatureNames.NonManager.resx Learner, Reports**

Learner and Reports module tabs labels, Team Features access tree.

- **FeatureNames.resx Manager**

Manager Module tabs labels, Team Features access tree.

- **ManagerAttemptsFix.ascx.resx Manager**

Tampered LE Attempt error page

- **ManagerConfigGeneralOptions.ascx.resx Manager**

Manager > Configuration > General Options

- **ManagerConfigLicensing.ascx.resxManager**

Manager > Configuration>License Key and Details.

- **ManagerConfigNotifications.ascx.resxManager**

RESX strings used in Manager > Configuration > Notifications

- **ManagerConfigRoleRedirection.ascx.resx Manager**

Manager > Configuration > Role Based Redirection

- **ManagerConfigUpload.ascx.resxManager**

This string modifies Manager > Configuration > Enhanced Feature Status

- **ManagerConfiguration.ascx.resxManager**

The Manager Configuration tab modules names, such as General Options, Notifications, Learning Element Types, etc.

- **ManagerDefault.ascx.resx Manager**

Contains text shared by several sections of the Manager Module

- **ManagerEducationUnitCategories.ascx.resx - Manager**

Manager > Configuration > Education Units Categories

- **ManagerEducationUnitCategoriesEdit.ascx.resx - Manager**

Edition window for Education Units Categories

- **ManagerEnrollment.ascx.resxManager**

Manager > Enrollment module text strings are found here.

- **ManagerLECatalog.ascx.resx Manager**

Contains the RESX that are used in Manager > Catalog.

- **ManagerLEType.ascx.resx - Manager**

Manager > Configuration > Learning Element Types list

- **ManagerLETypeEdit.ascx.resxManager, Learner**

This controls the tags displayed when adding a New Learning Element under Manager > Configuration > Learning Element Types > Learning Element Type Details.

- **ManagerMyTeamTeamManagement.ascx.resx Manager**

Text displayed under Manager > My Team

- **ManagerStatusType.ascx.resx Manager**

Learning Element Types list under Manager > Configuration > Learning Element Types

- **ManagerStatusTypeEdit.ascx.resx Manager**

Editing a LE Status Type under Manager > Configuration > Learning Element Status Types

- **ManageUsers.ascx.resx Manager**

Manager > My Team > Team's Learners context menu > Learner Management

- **Profile.ascxManager**

This controls the text display when editing learners under Manager > My Team > Learner Management > edit user name.

- **ReportDefault.ascx.resx Reports**

Controls the text shown in the Reports module

- **ReportFilters.ascx.resx Reports**

This controls the text display when a report is selected

- **ReportLEHistory.ascx.resx Reports**

Learner Transcript Report

- **Report_AccessDenied.ascx.resx Reports**

Permission to access Report module denied

- **Report_Configuration.ascx.resx Reports**

Reports > Configuration page

- **Report_Dashboard.ascx.resx Reports**

Reports > Dashboard

- **Report_Reports.ascx.resx Reports**

Controls the Reports screen text

- **RptLearnerActivityLEDetail.ascx.resx Reports**

Learner Activity with LE Detail report

- **RptLearnerActivityQuestionDetail.ascx.resx Reports**

Learner Activity/Score with Question Detail Reports

- **RptLEUtilizationLearnerDetail.ascx.resx Reports**

LE Utilization with Learner Detail

- **RptLEUtilizationRoleDetail.ascx.resx Reports**

LE Utilization with Role Detail

- **RptQuestionUtilizationLearnerDetail.ascx.resx Reports**

Question Utilization with Learner Detail

- **RptQuestionUtilizationRoleDetail.ascx.resx Reports**

Question Utilization with Role Detail

- **RptRoleActivityLEDetail.ascx.resx Reports**

Role Activity with LE Detail

- **RptRoleActivityQuestionDetail.ascx.resx Reports**

Role Activity with Question Detail

- **RptSharedResources.resx Reports**

Text strings shared between all the reports

- **SCOLoader.aspx.resx Learner**

SCO Event Source LE Loader

- **ScormCommunicationError.aspx.resx Learner**

Text displayed when a communication error occurs between the SCO and the server

- **SharedResources.NonManager.resx Learner**

Resources shared by different modules of Accord LMS are placed here. This includes things like LE Status messages (Completed, Passed, and Failed) as well as Condition Messages (Required, Satisfied, etc.)

- **SharedResources Manager**

Resources shared by different modules of Accord LMS are placed here. This includes things like LE Status messages (Completed, Passed, and Failed) as well as Condition Messages (Required, Satisfied, etc.)

- **TemplateResources.resx Manager**

Text included in this string can be displayed by using [RESX]Transcript[/RESX] token

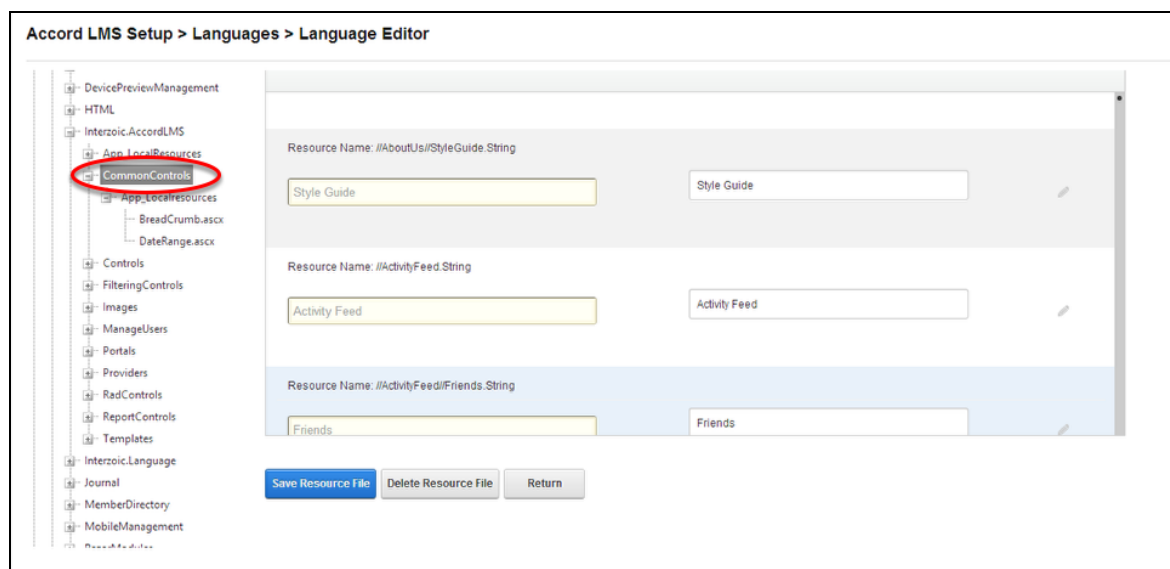
- **TextHtmlLoader.aspx.resx Learner**

Text and HTML Event Source LE Loader

- **User.ascx Manager**

This controls the text display when editing learners under Manager > My Team > Learner Management > edit user name.

CommonControls > App_LocalResources



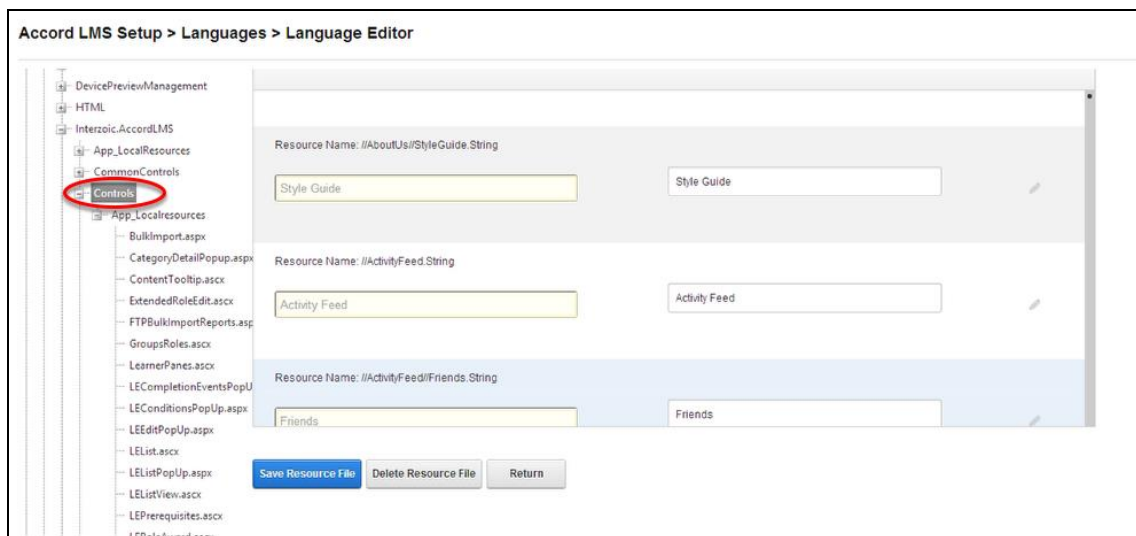
- **BreadCrumb.ascx Manager, Learner, Reports**

Holds the Resource Named **IblProfile.Text** which is used to display the “*Active Team*” text in the Teams dropdown.

- **DateRange.ascx Manager, Learner, Reports**

Is a control used in several places of Accord LMS, and it includes the values of Date and Time selectors that are involved when configuring the Learner Summary for instance.

Controls > App_LocalResources



- **BulkImport Manager**

Manager > My Team > Bulk Import

- **CategoryDetailPopup.aspx Manager**

Manager > Catalog > View / Edit Folder Details

- **ContentTooltip.ascx Manager, Learner**

Tooltips that are displayed when left-clicking a Folder or Condition Flags.

- **GroupsRoles.ascx.resx Manager, Learner**

Groups and Roles Tree

- **LearnerPanels.ascx.resx Learner**

Learner module LE ListView

- **LECompletionEventsPopUp.aspx.resx Manager**

Manager > Catalog > View / Edit LE Completion Events

- **LEConditionsPopUp.aspx.resx Manager**

Manager > Catalog > View / Edit LE Conditions

- **LEEditPopUp.aspx Manager**

This applies to Manager > Catalog > View/Edit LE Details

- **LEList.ascx Manager**

This controls the popup window when adding a Learning Element as Condition

- **LEListPopUp.aspx.resx Manager**

Learning Element list popup used for example when adding conditions

- **LEListView.ascx.resx Learner**

Learner module ListView

- **LEPrerequisites.ascx Manager**

This controls the popup window when adding a Learning Element as Prerequisite

- **LERoleAward.ascx.resx Manager**

Manager > Catalog > View / Edit LE Completion Events > Role Award

- **LESelector.ascx.resx Manager**

Manager> Catalog > View/Edit LE > Control that uploads SCORM zip package to SCORM event source LE

- **LEStatusNotifications.aspx.resx Manager**

Manager > Catalog > View / Edit Status Notifications

- **LETreeGrid.ascx Manager, Learner**

This is the Tree Grid used in Manager Catalog and in Learner's My Plan to display LE's, column names, etc.

- **LMSSecurityRoles.ascx.resx Manager**

Manager > My Team > Learners > Learning Role Management

- **ManagerAdminTypeDetail.aspx - Manager**

Manager > My Team > Team context menu > LMS Admin Types > Add New LMS Admin Type

- **ManagerAdminTypeDetailControl.ascx.resx - Manager**

Manager > My Team > Team context menu > LMS Admin Types when editing an Admin Type

- **ManagerAdminTypes.aspx - Manager**

Manager > My Team > Team context menu > LMS Admin Types

- **ManagerAdminTypesControl.ascx - Manager**

Manager > My Team > Team context menu > LMS Admin Types when editing an Admin Type

- **ManagerCatalogEnrollment.aspx.resx Manager**

Manager > Catalog > View / Edit Enrollment

- **ManagerCompletionEvents.ascx.resx Manager**

Manager > Catalog > View / Edit LE Completion Events

- **ManagerLEConditions.ascx.resx Manager**

Manager > Catalog > View / Edit LE Conditions

- **ManagerLEEdit.ascx Manager**

When editing Learning Elements, text strings used to populate the windows are located under this file

- **ManagerMyTeamAccessCodeDetail.ascx Manager**

Manager > My Team > Team context menu > Access Codes > Add New Access Code

- **ManagerMyTeamAccessCodes.ascx Manager**

Manager > My Team > Team context menu > Access Codes

- **ManagerMyTeamBulkLearnerImport Manager**

Manager > My Team > Team's Learners context menu > Bulk Learner Import

- **ManagerMyTeamBulkLearnerRoleAssignment Manager**

Manager > My Team > Team's Learners context menu > Bulk Learner Role Assignment

- **ManagerMyTeamBulkManagerAssignment Manager**

Manager > My Team > Team's Admin context menu > Bulk LMS Admin Assignment

- **ManagerMyTeamBulkManagerImport Manager**

Manager > My Team > Team's Admin context menu > Bulk LMS Admin Import

- **ManagerMyTeamBulkTeamAssignment Manager**

Manager > My Team > Team's Learners context menu > Bulk Learner Assignment

- **ManagerMyTeamLearnerNotifications Manager**

Manager > My Team > Team's Learners context menu > Learner Notifications

- **ManagerMyTeamMembersManagement Manager**

Page displayed under both LMS Admin Management and Learner Management

- **ManagerMyTeamRoleManagement Manager**

Manager > My Team > Team's Learners context menu > Learning Role Management

- **ManagerMyTeamSendMessage Manager**

Manager > My Team > Team context menu > Send Message

- **ManagerMyTeamStatusNotifications Manager**

Manager > My Team > Team's Admin context menu > LMS Admin Notifications

- **ManagerMyTeamTeamAccess Manager**

Manager > My Team > Team context menu > Folder and Role Access

- **ManagerMyTeamTeamDetails Manager**

Manager > My Team > Team context menu > View / Edit Team Details

- **NotificationOptionDetails.ascx Manager, Learner**

All LE Notifications, Team Notifications, LMS Admin Notifications tags are included within this Resources

- **RoleTree.ascx.resx Manager, Reports**

Roles Tree selector

- **SkinControl.ascx.resx Manager**

Module LE Type skin selector while editing a LE

- **TeamMemberStatus.aspx Manager**

Manager > My Team > Learners > Learner Management > Modify Learner Status > Team Member Status

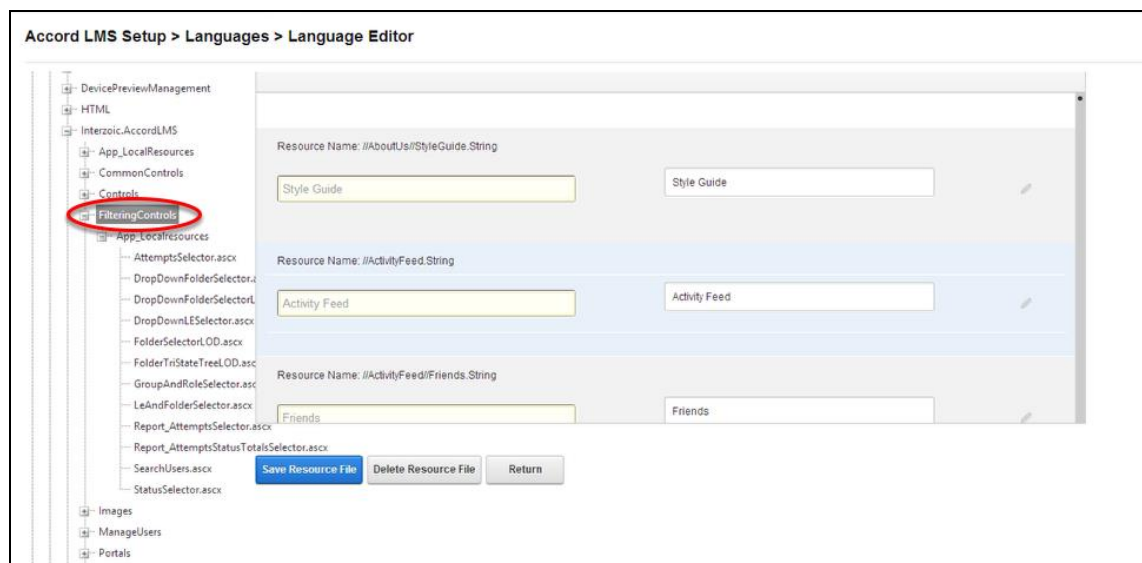
- **TokenList.aspx Manager**

Lists all tokens to be used in Manager > My Team > Team context menu > Send Messages and also when editing PDF files.

- **URLControl.ascx.resx Manager**

URL Learning Element create / edit window

FilteringControls > App_LocalResources



- **AttemptsSelector.ascx Manager, Reports**

Manager > Configuration LE Attempts and Reports LE Attempts

- **DropDownFolderSelector.ascx Reports**

Folder Drop down Selector

- **DropDownLESelector.ascx Reports**

LE Drop down Selector

- **GroupAndRoleSelector.ascx Reports**

Learning Groups and Learning Roles selector

- **LeAndFolderSelector.ascx Reports**

Learning Element Folders Selector

- **Report_AttemptsSelector.ascx.resx Reports**

Attempt selector for reports

- **Report_AttemptsStatusTotalsSelector.ascx.resx Reports**

Total status selector for reports

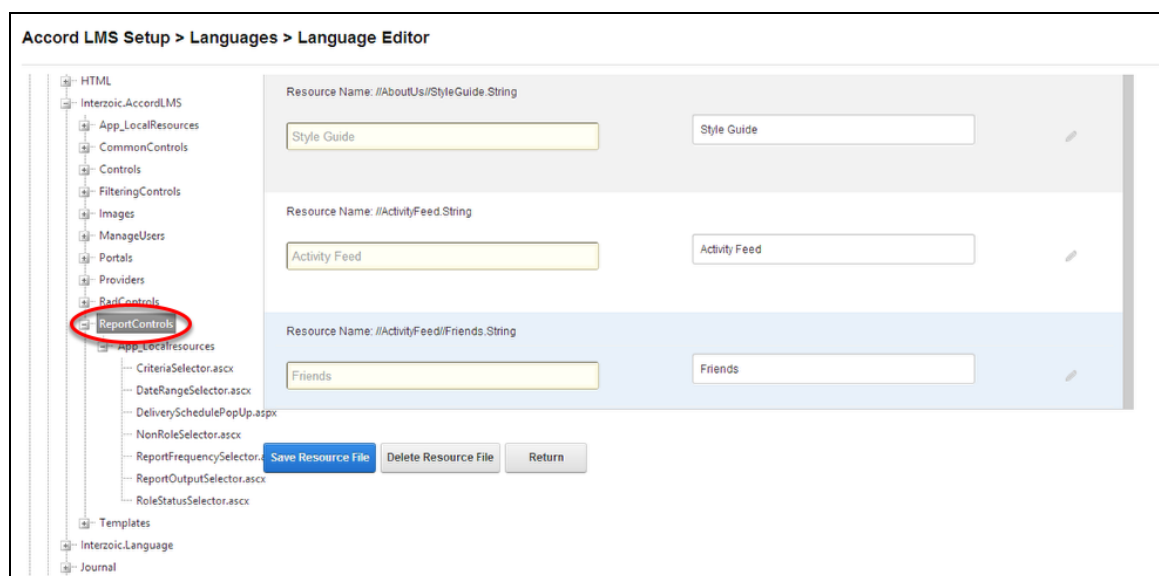
- **SearchUsers.ascx Reports, Manager**

Search For Learners Search Field drop down

- **StatusSelector.ascx Reports**

Completion and Success Selectors

ReportControls > App_LocalResources



- **CriteriaSelector.ascx.resx Reports**

Match All, Match Any criteria selector

- **DateRangeSelector.ascx.resx Reports**

Delivery Schedule details and Reports Date Range selectors

- **DeliverySchedulePopUp.aspx.resx Reports**

Delivery Schedule Details popup

- **NonRoleSelector.ascx.resx Reports**

Selector for Individual enrollment and Unenrolled

- **ReportFrequencySelector.ascx.resx Reports**

Delivery Schedule Details Frequency Dropdown Selector

- **ReportOutputSelector.ascx.resx Reports**

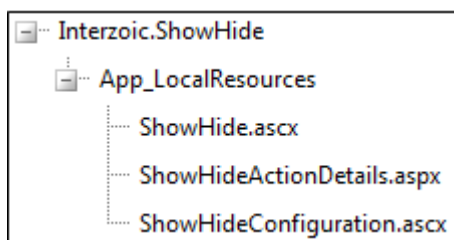
Export formats for Reports

- **RoleStatusSelector.ascx.resx Reports**

Role Status Selector (Active, Expired, Pending, Unenrolled)

Interzoic.Show Hide

RESX strings contained within this key apply only to Interzoic Show & Hide module.



App_LocalResources

- **ShowHide.ascx**

Show & Hide configuration page

- **ShowHideActionDetails.aspx**

Add new Module Action > Module Status Details window

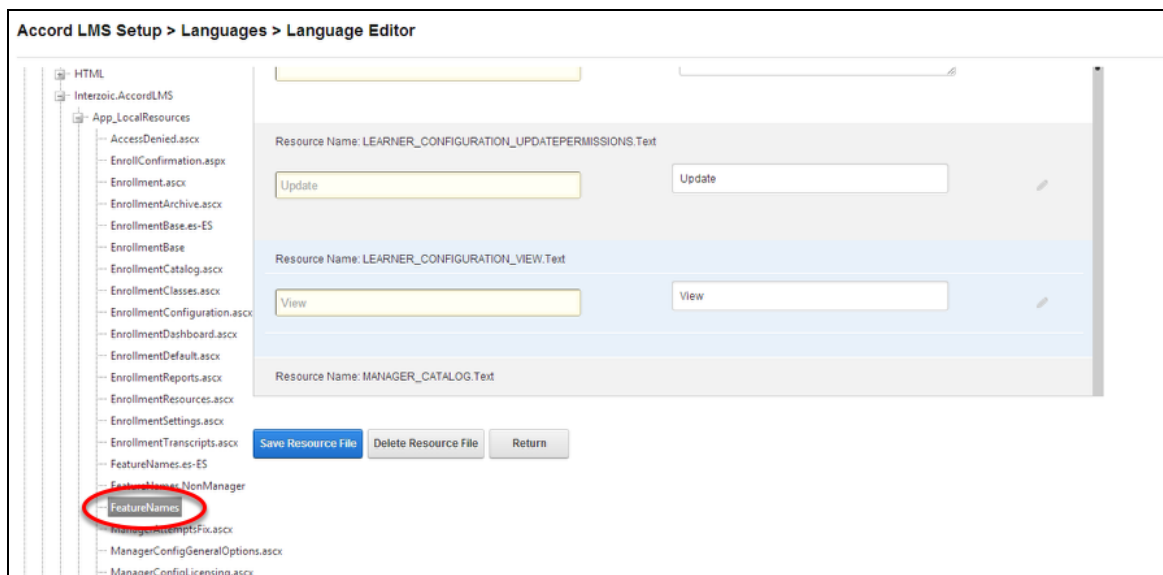
- **ShowHideConfiguration.ascx**

The Show & Hide Configuration window

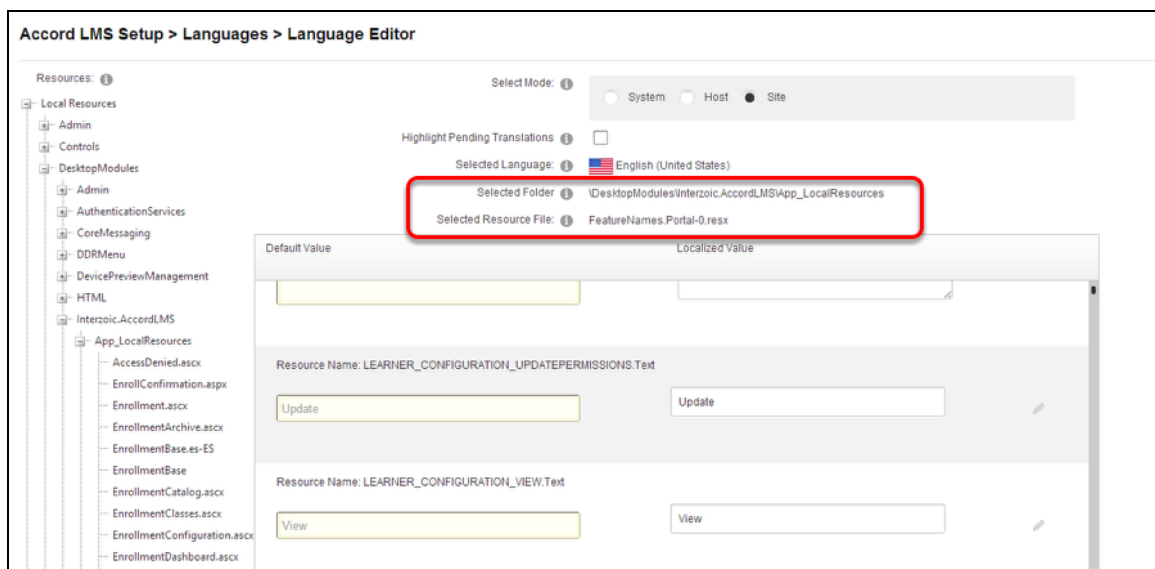
Editing RESX Strings

For this example, we will modify the FeatureNames.ascx file. Keys included here affect all Accord LMS Manager Module.

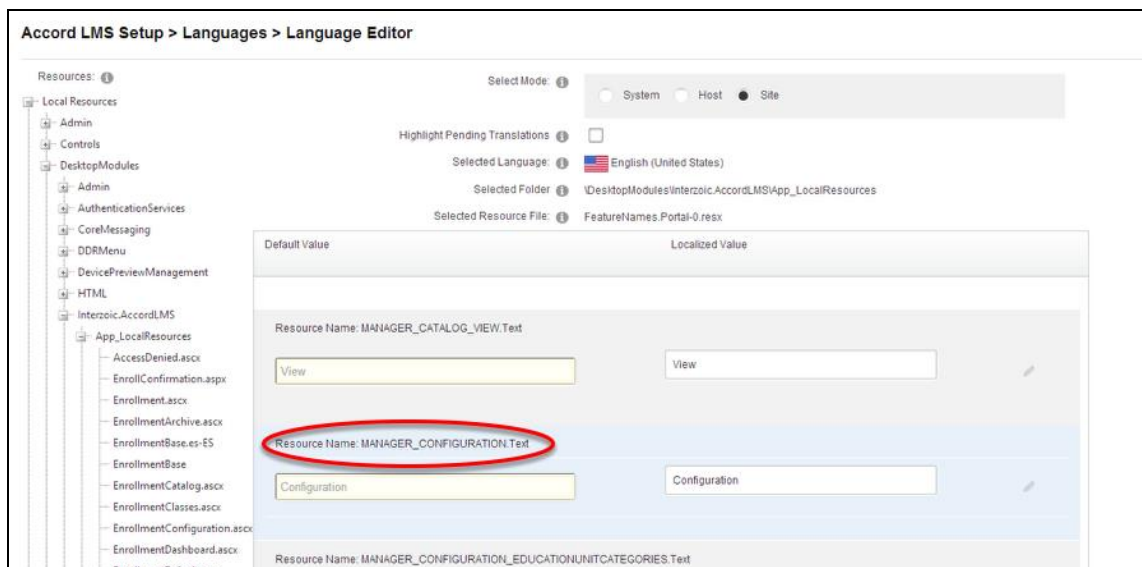
- Click on **FeatureNames**



- The right panel will refresh displaying the keys of the selected file

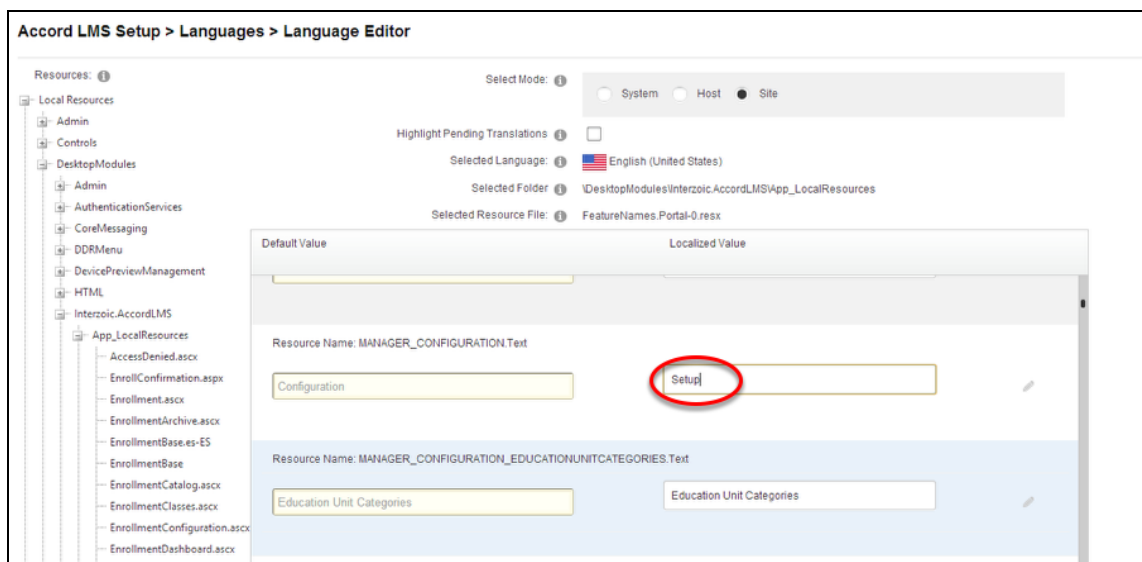


We will edit **ManagerConfiguration.Text** resource, so we need to scroll down the page until this key is found.

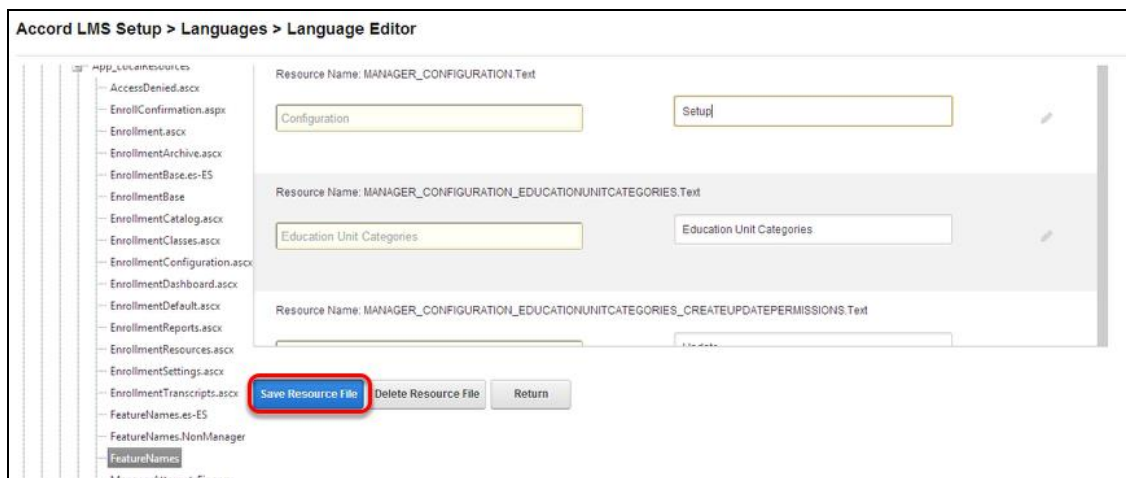


Once the desired key is found, change the text under the column **Localized Value** (on the right).

For this example, we will change “Configuration” for “Setup”.



- Scroll to the bottom of the page
- Click **Save Resource File**, to save your changes.

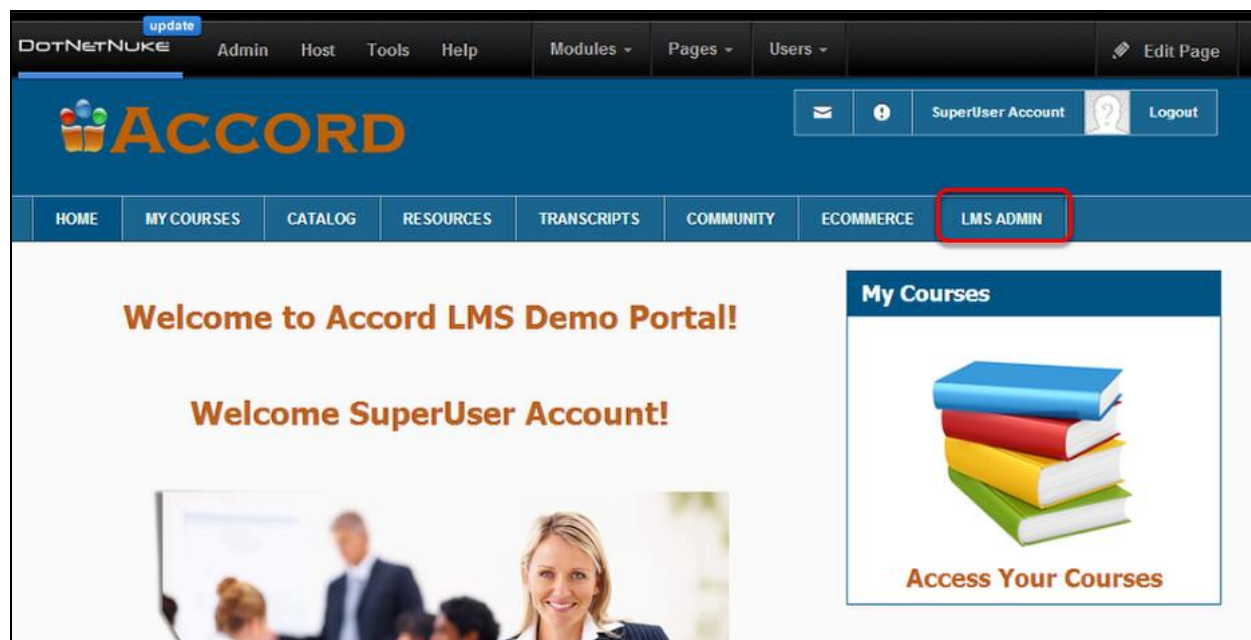


Upgrading DNN does NOT affect module RESX files edited using [Host](#) or [Site](#) mode. All of the changes performed using this method will remain after upgrade

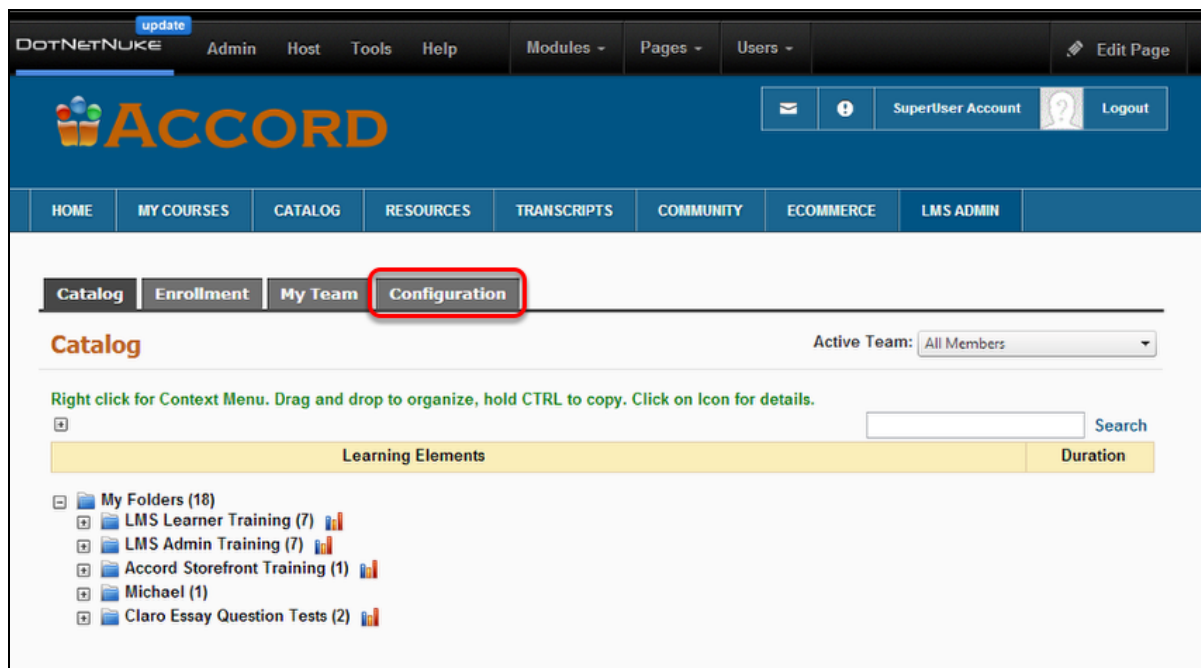
- Repeat the previous steps to update any RESX file you want to customize.

Reviewing Updates

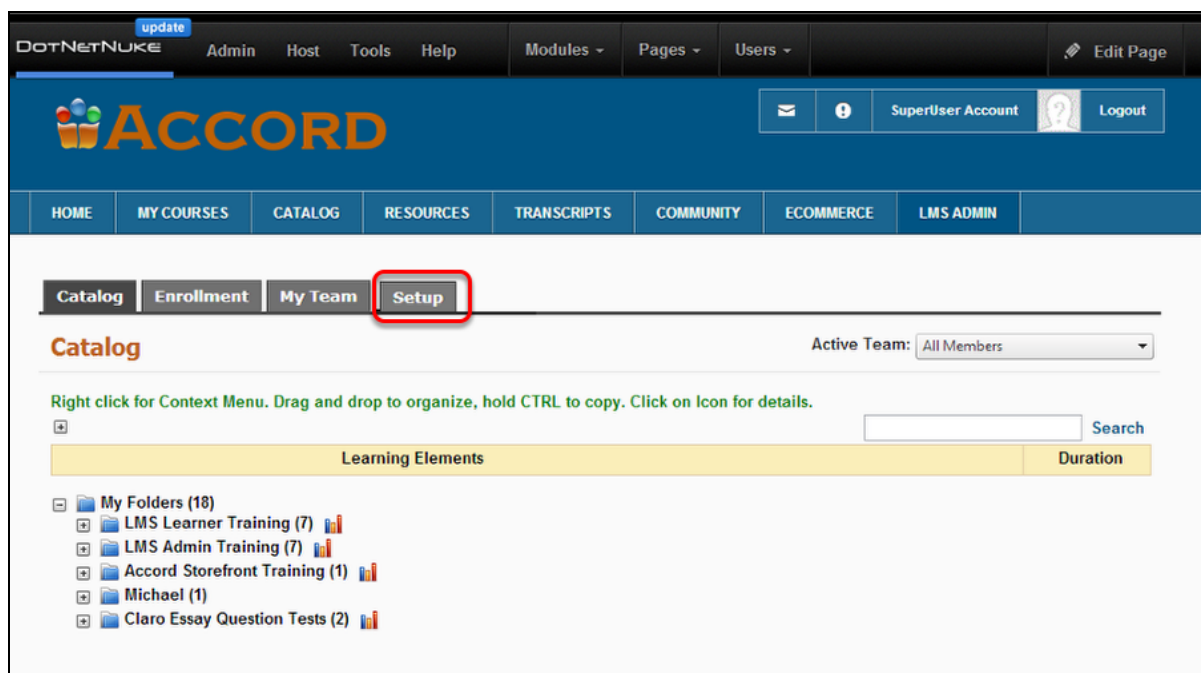
Navigate to Manager Module.



Before performing the previous steps, the Manager Module screen looked like this:



After the update, “Setup” is shown instead of “Configuration”.



Locating Specific Accord LMS RESX Strings

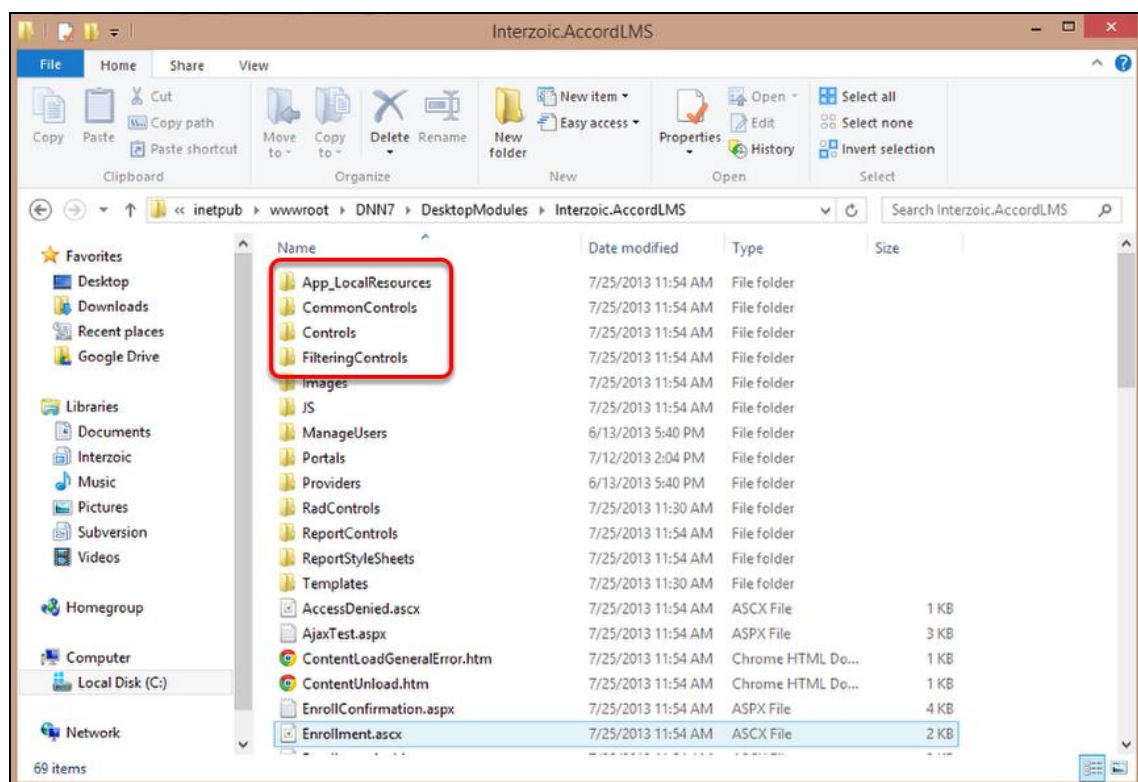
Since DNN Language Editor does not include any search feature within the language editor to help locate specific keys within ASCX files, we must do this by using the Windows file manager. To do this, the files must reside on a machine for which you have desktop access. If you cannot actually access the web server

desktop, then you will need to FTP the appropriate files to your local hard drive and perform the search there. Please see the FTP Access and Download section below for more information.

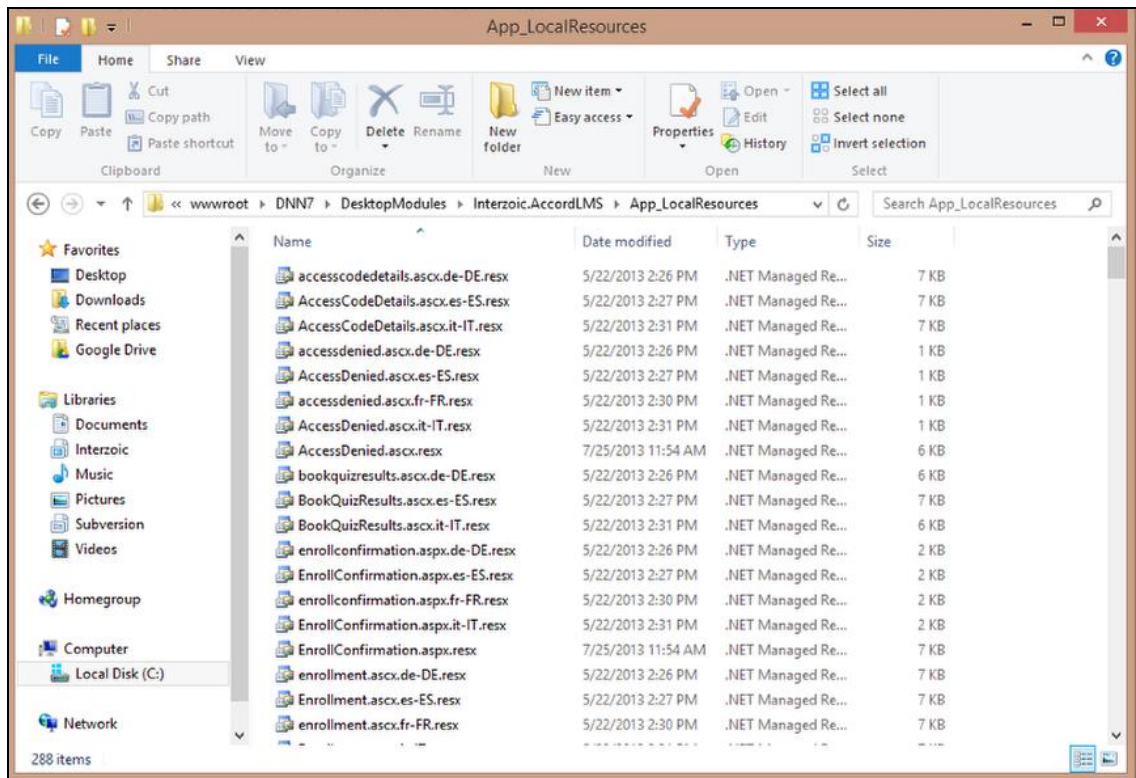
Desktop (local) Access to the Web Files

All of the Interzoic.AccordLMS files must be on your local hard drive via FTP or you must have desktop access to the Web Server to proceed.

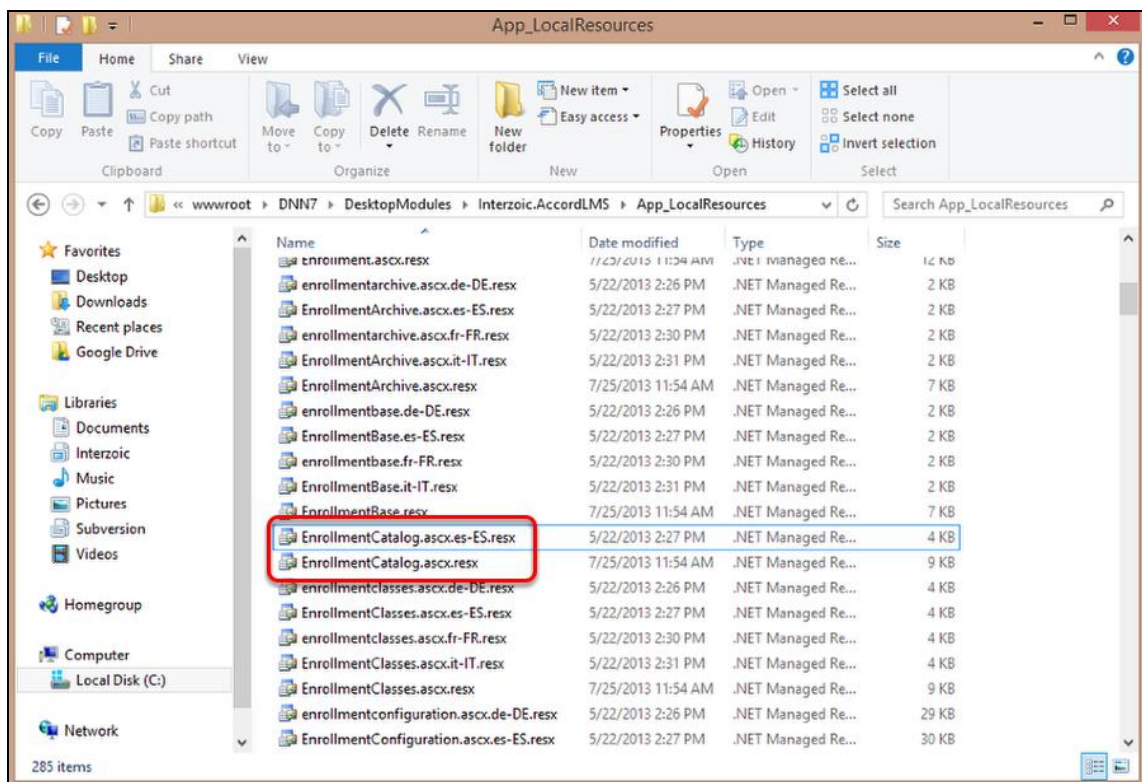
- Access your site directory folder
- Locate **DesktopModules** folder
- Look for **Interzoic.AccordLMS** folder
- Once you access **Interzoic.AccordLMS** Folder, you will see folders named App_LocalResources, CommonControls, Controls, FilteringControls, etc. containing RESX files.



- If we access **App_LocalResources** folder we will see a list of the RESX files contained within that folder.



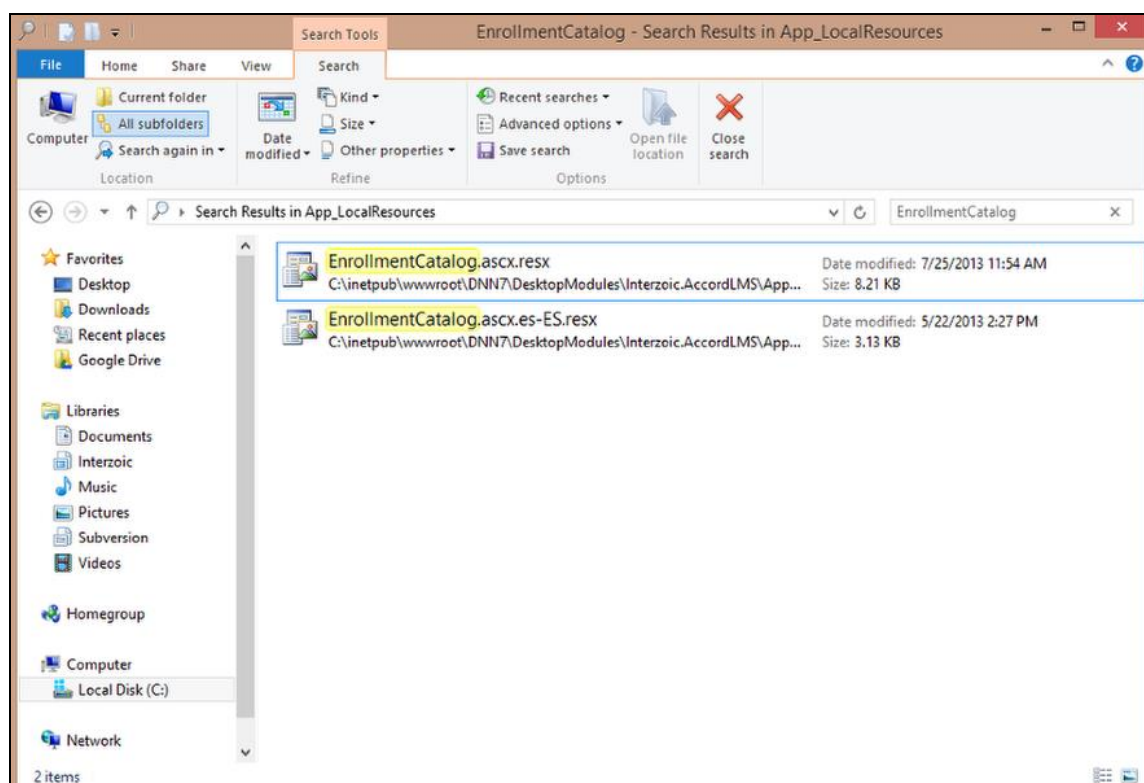
- As the site we are working in is multilanguage, there are two copies of each file. The English language RESX file (**EnrollmentCatalog.aspx.resx**) and the Spanish version (**EnrollmentCatalog.aspx.es-ES.resx**)



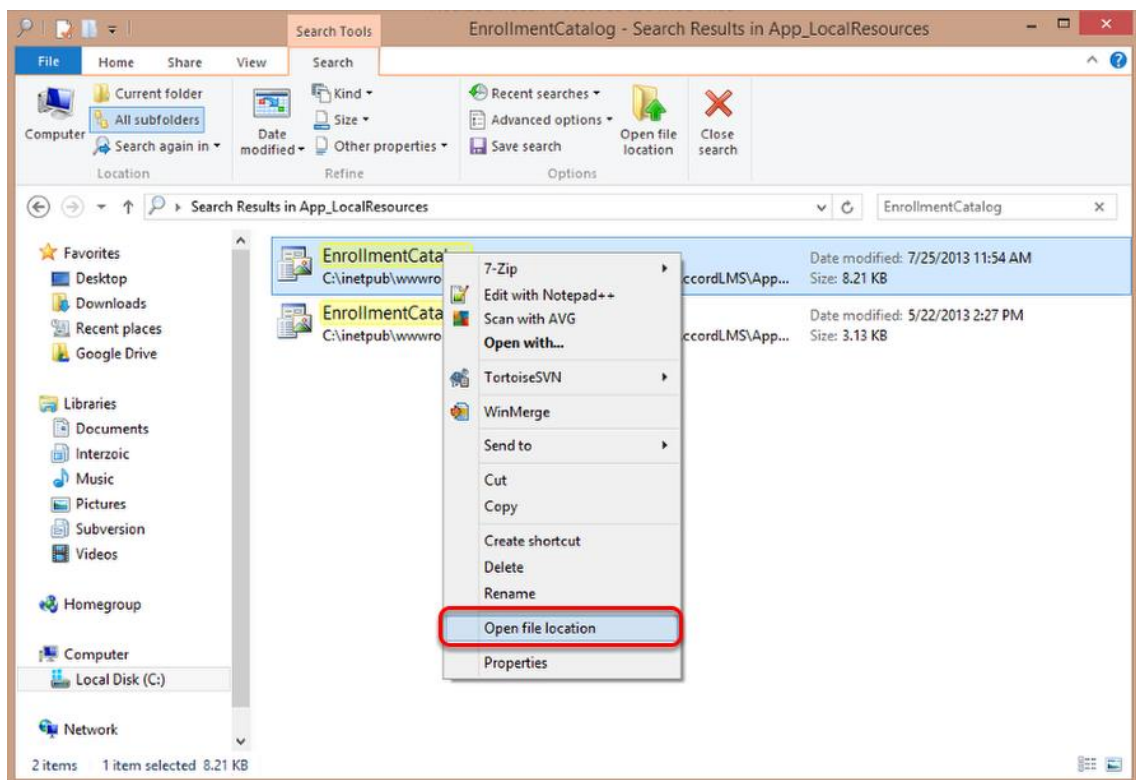


.ASCX extension is given before RESX because the relationship between the web controls used (*.ASCX) to build the modules and the RESX is done automatically by the file name. So the RESX file has the same name as the control (including .ASCX extension), and then added .RESX at the end of the file. Only some special RESX within the mod, not directly related to some control, such as SharedResources.RESX have no control extension (.ASCX)

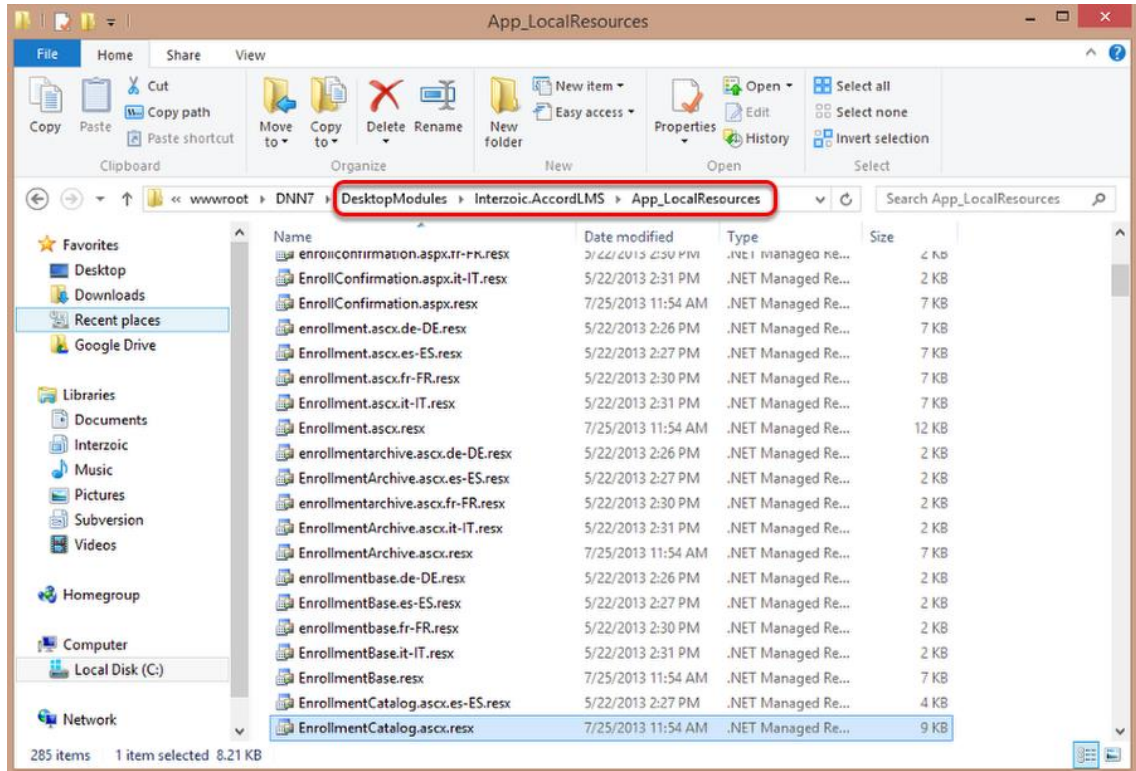
- From here we are able to use Windows file manager to search within the folders for a specific RESX file, for example, we will search for Enrollment.ascx file.
- We type “**EnrollmentCatalog**” in the Search Field.



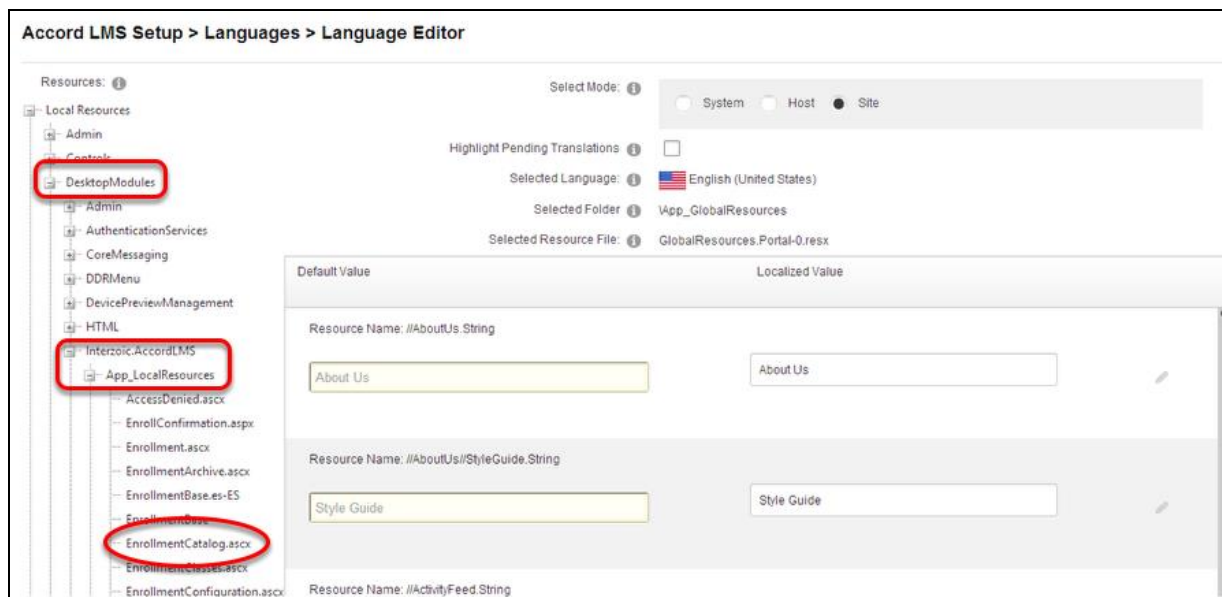
- Result will show two files (or more depending on the number of languages installed on your site) including the word “EnrollmentCatalog” in its name; however the one we are actually looking for is the one named “EnrollmentCatalog.ascx.resx”.
- Select “**EnrollmentCatalog.ascx.resx**” and right-click on it.
- From the context menu, select “**Open file location**”



- This action will open the containing folder on our local directory.



In the address bar the location of the RESX file is given. This is the same folder structure used in DNN language editor. If we go to **Desktop Modules > Interzoic.AccordLMS > App_LocalResources** we will find **EnrollmentCatalog.ascx** file.



We can edit the different keys by following the instructions described in **Editing RESX Strings** chapter of this document.



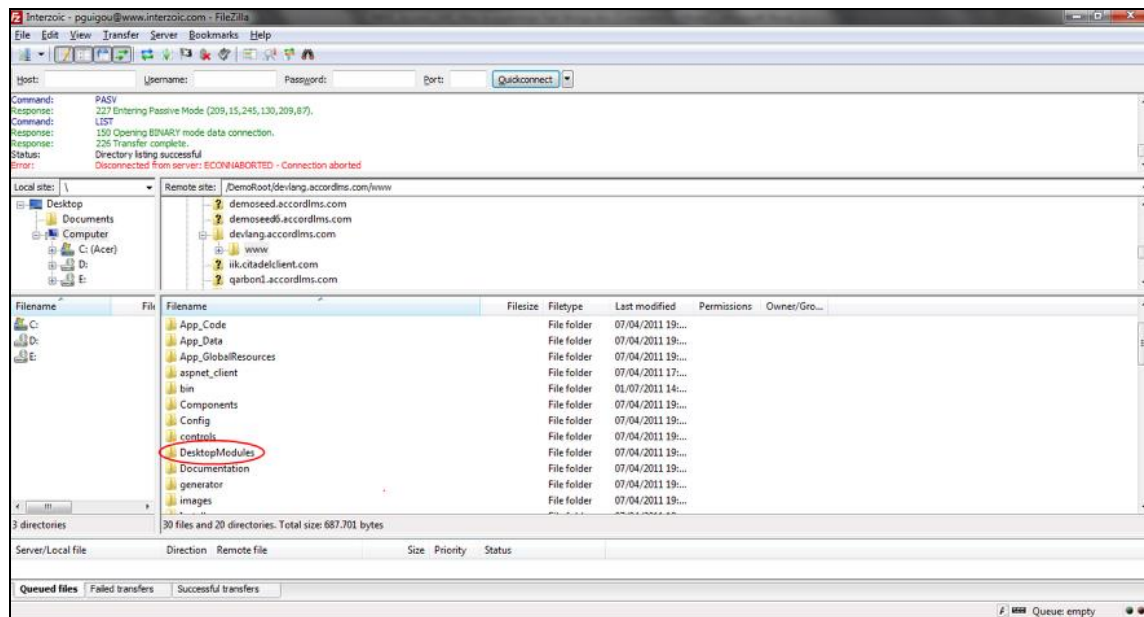
Detailed information about each RESX file that AccordLMS uses can be found under **Browsing RESX files** chapter of this guide.

FTP Access and Download

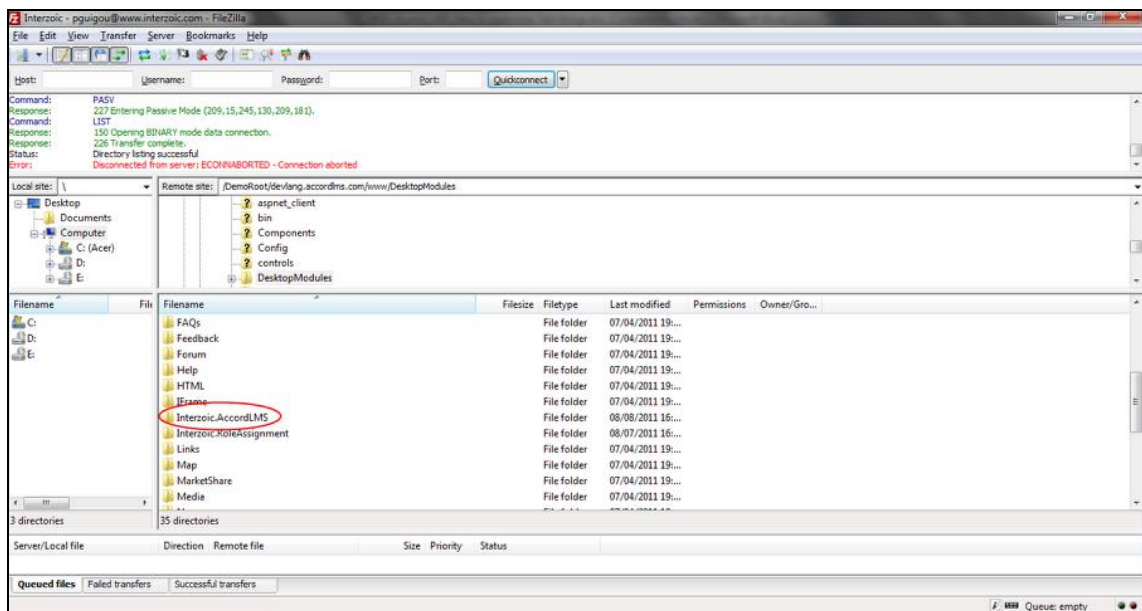
In order to be able to access your AccordLMS site via FTP, you will require an FTP client like FileZilla which is free to use and can be obtained by following this address: <http://filezilla-project.org/>

Once you have downloaded and installed the FTP client, you have to connect to your site to start browsing RESX files.

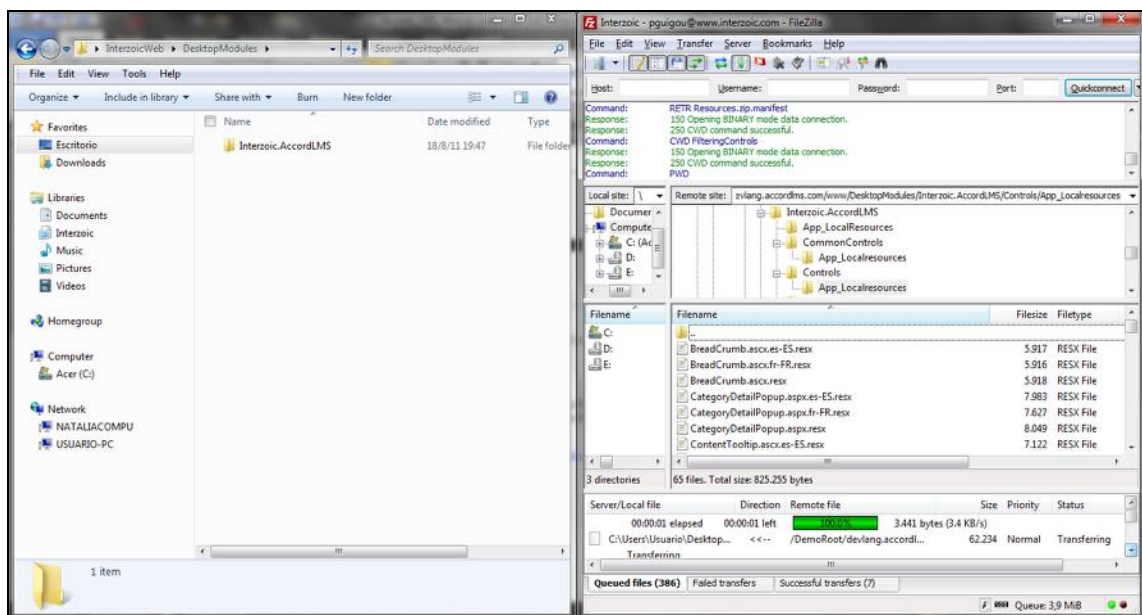
- Browse your root folder and locale **DesktopModules** folder



- Double-Click **DesktopModules** folder to open it
- Locate and open **Interzoic.AccordLMS** by double clicking on it.



- To download **Interzoic.AccordLMS** Folder Drag and Drop it to the local folder of your choice.



- Once the files finish downloading, you can access the folders and locate any RESX file you desire to update by using the Windows file manager as described in the previous chapter.
- Open each folder to locale the Specific RESX file you desire to update.
- Perform the desired updates as indicated in the chapter before, and save your changes.



Detailed information about each RESX file that AccordLMS uses can be found under **Browsing RESX files** chapter of this guide.

DotNetNuke Translator

The DotNetNuke Translator is a Windows Application that allows you to translate all of your DNN installation or just a component (extension). Once pointed to a local DotNetNuke installation it acts as a fast and easy resource editor and automatic translation tool.

To download the tool please follow this link <http://dnntranslator.codeplex.com/> and get the .zip package containing the required installation files



A quick review of main features and their usage is available in the DotNetNuke Translator guide downloadable from <http://www.accordlms.com/resources/documentation>



Detailed information about using the DotNetNuke Translator can be found by following this link <http://dnntranslator.codeplex.com/>