



Dynamic User Directory v4.1

User Guide

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1 INTRODUCTION

The “Dynamic User Directory” module allows administrators to customize their portal and offer additional features and enhancements such as:

- Creating custom user directories and reports based on DotNetNuke Registration or Dynamic Registration module
- Evaluating business statistics
- Improving communication flow
- Getting better acquainted with your users

1.1 What's New in v4.1?

- Improved performance -- Major new caching features for all database queries
- More efficiency -- Manage the User Data Feed scheduled task easily from within the control panel and module interface. Much quicker for reviewing any potential problems and kicking off the scheduled tasks from the control panel
- New Search Functions
 - Ability to search User Roles, instead of just filtering by security roles
 - New "Search All" field searches all user profile fields
- Better integration with Dynamic Forms -- hide the search and enable auto-search from query string variables
- Improved Template Options -- use the new Gridview option instead of an HTML template. Using the Gridview option, you can choose which fields you want to appear on your template.
- Google Maps Integration
 - Now includes integration with Google Maps using a map token within the header and footer.
 - Use the Google Maps Location Integration within the Search function to limit results within a range of miles.
- All new DNN6 Style Sheet classes.

2 INSTALLATION PROCEDURE

Included in your download are either one (If you only purchased the PA) or two (If you purchased the PA and Source Code) zip files. One zip file is the source code to the application, and the other zip file is the module which you can upload to your site.

When you extract the files, you will notice that it extracts two zip files (**note:** only one if you just purchased the PA).

- **DataSprings_DynamicUserDirectory_Module.zip** - file for installing “Dynamic User Directory” with your DNN
- **DataSprings_DynamicUserDirectory_Source.zip** - source zip file you can use in order to make any changes to the application (**note:** meant for advanced users)

In order to install your “Dynamic User Directory” module, login with an account to your DNN site as a host or administrator account. Once logged in, navigate to the Host menu item, and click on the “Module Definition”.

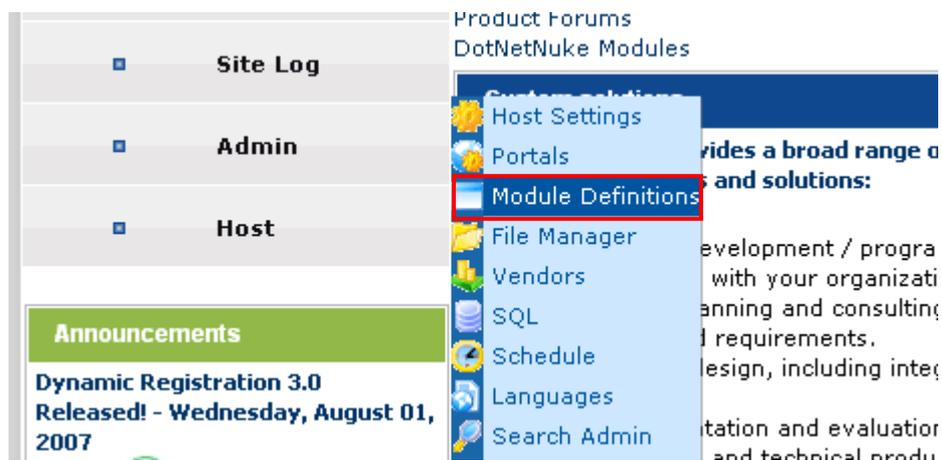


Figure 1: Installation procedure (step 1/6)

The following screen will be displayed.

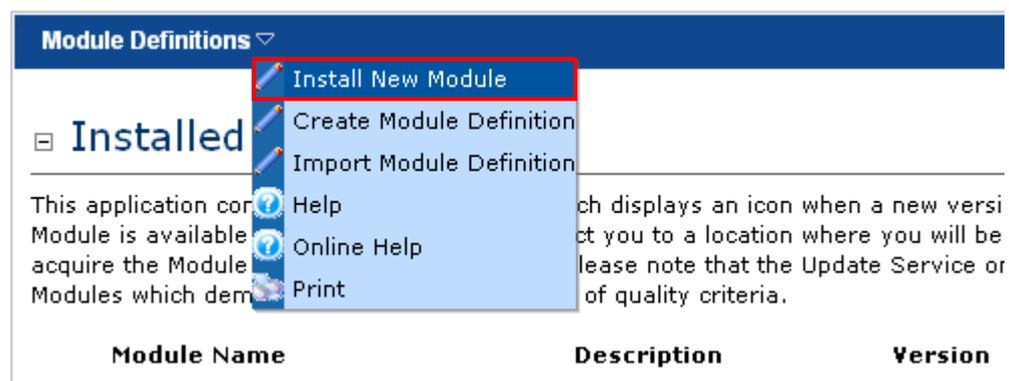


Figure 2: Installation procedure (step 2/6)

Click on the “Install New Module” to continue installing “Dynamic User Directory” and the following screen will be displayed.

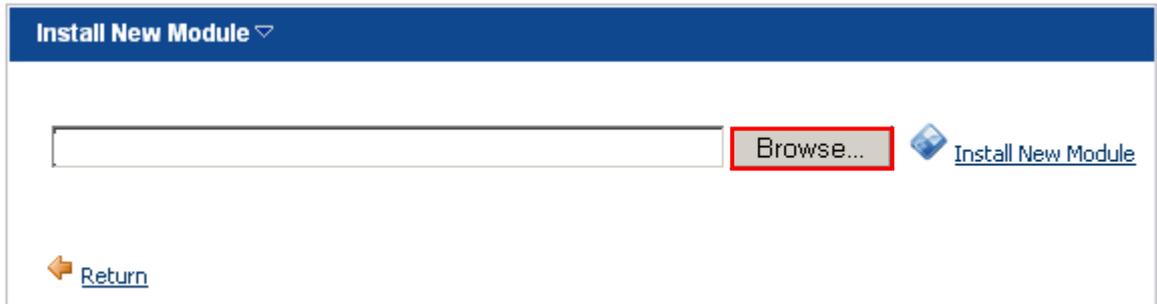


Figure 3: Installation procedure (step 3/6)

Click on the “Browse” button and the dialog window for locating the installation file “DataSprings_DynamicUserDirectory_24_DNN33_DNN43PLUS.zip” will be displayed.

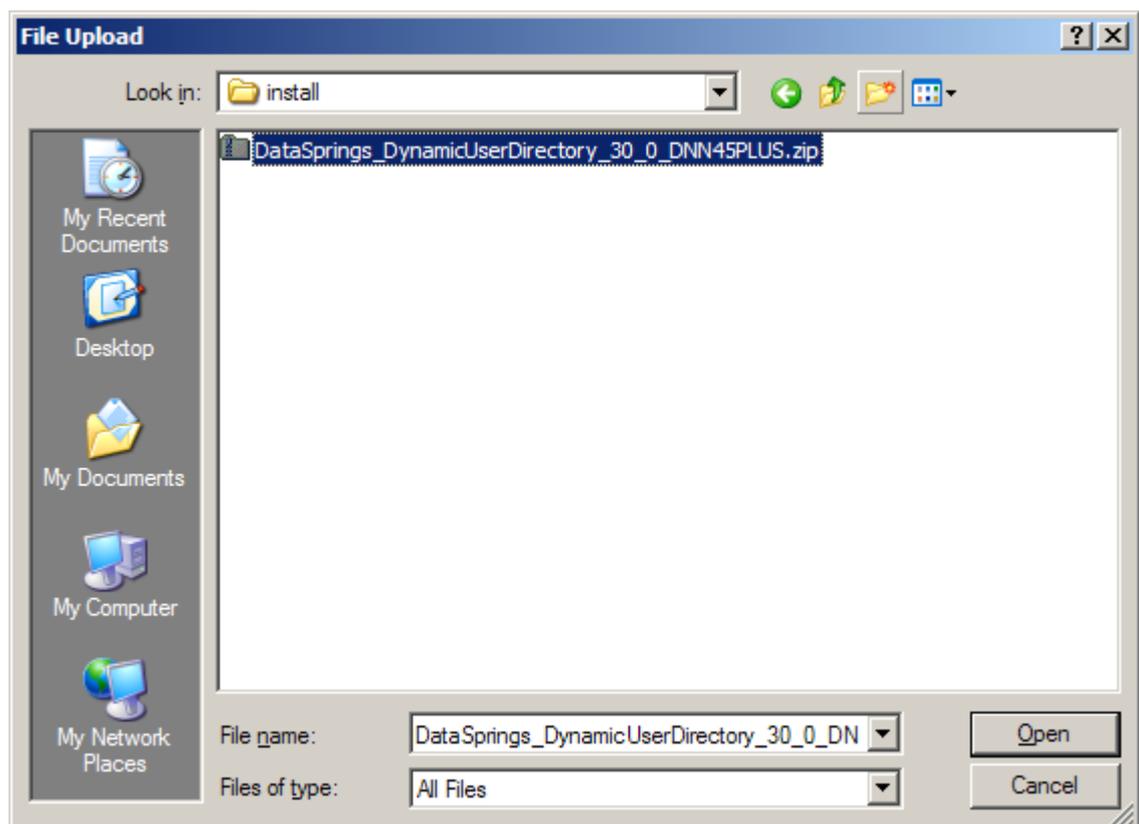


Figure 4: Installation procedure (step 4/6)

Locate the “DataSprings_DynamicUserDirectory_24_DNN33_DNN43PLUS.zip” and click on the “Open” button. The following screen will be displayed.

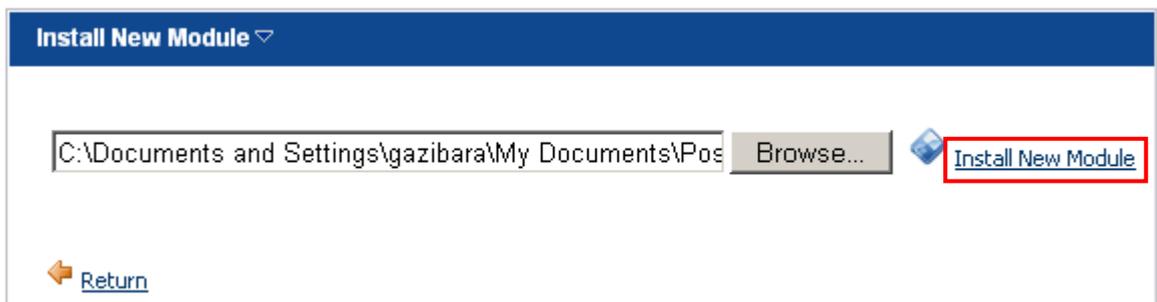


Figure 5: Installation procedure (step 5/6)

Click on the “Install New Module” link inside this screen in order to add the module and it will be added to the list.

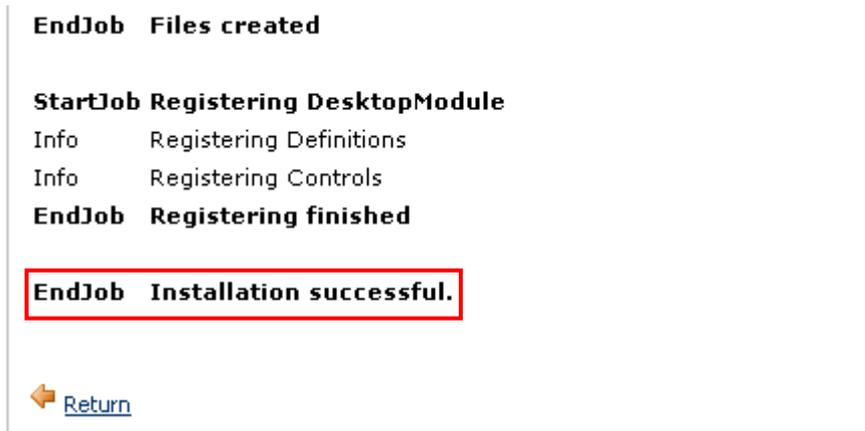


Figure 6: Installation procedure (step 6/6)

Note: please keep track of any errors that appear during the installation. These errors can be helpful if your module has problems.

3 ADDING DYNAMIC USER DIRECTORY MODULE TO A PAGE

In order to add “Dynamic User Directory” module to a desired page follow these steps:

1. Select the **Add New Module**
2. Choose **Dynamic User Directory** from the **Module** pull down menu
3. Click on the **Add Module** link (or the arrow icon .

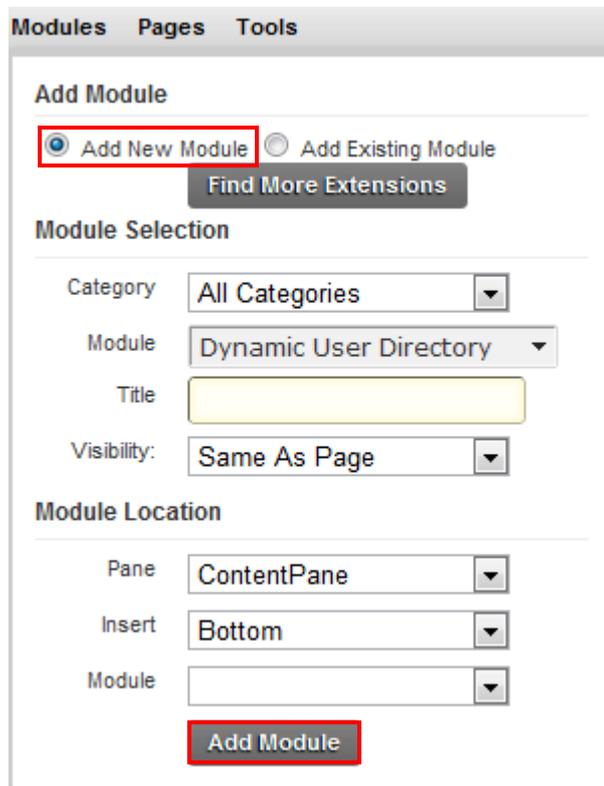


Figure 7: Adding a module to a page

The **Dynamic User Directory** module will be added to the page. Click on the arrow next to the title of the module in order to open the main menu.

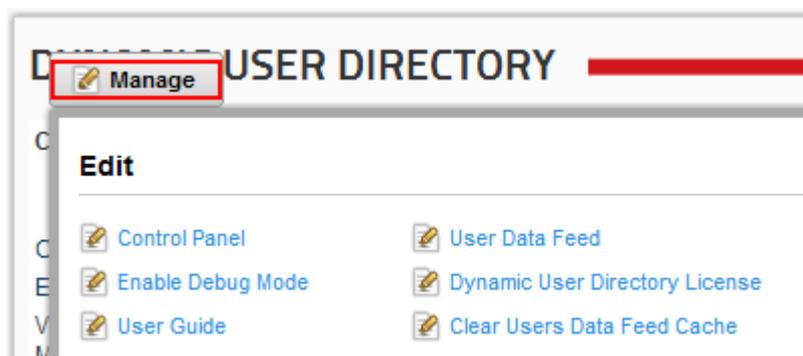


Figure 8: Opening the module main menu

Note: see section 4 for further information on main menu options.

3.1 Loading Data from the Dynamic Registration Module

Note: If you are upgrading from previous versions of Dynamic User Directory you might have noticed that you no longer have the option to choose between Data Springs Dynamic Registration module and the standard DotNetNuke registration. In the latest release we have combined this functionality into one feature using DotNetNuke Core and Extended Fields.

The '*best approach*' for integrating Dynamic User Directory with Dynamic Registration is to link each Dynamic Registration core field to a DotNetNuke core or extended profile field. You should setup an extended profile field under Admin, User Accounts, Manage Profile Properties within your DotNetNuke site.

This functionality allows for a '*central database source*' for your registration and user directory data while also allowing all of our modules and other 3rd party modules access to this data in a very standardized method. Please refer to the Dynamic Registration user guide for more details.

4 DYNAMIC USER DIRECTORY MAIN MENU

This section describes the options available within the “Dynamic User Directory”. In order to start using the main menu, click the Manage button next to the “Dynamic User Directory” heading.

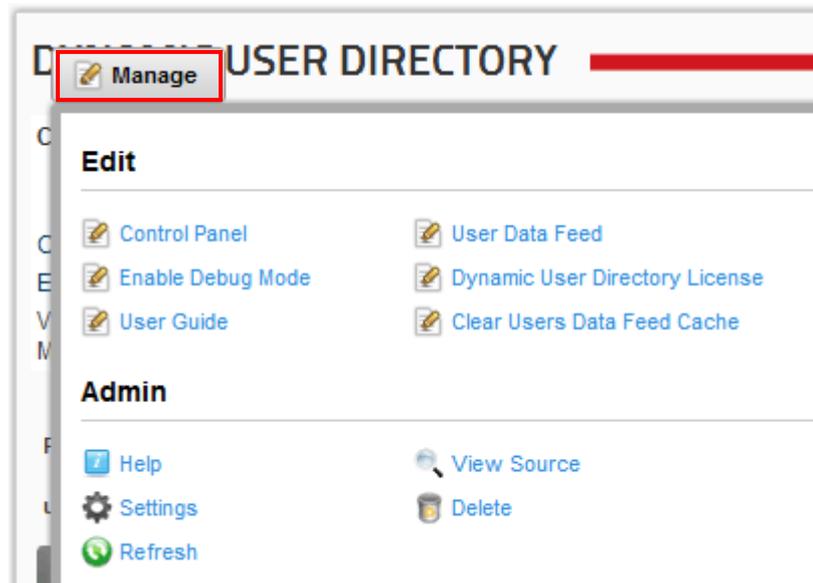


Figure 9: Opening the main menu

The following options are available inside this screen:

- **Control Panel** – the option for managing all main program options (see section 5)
 - **Note:** the main control panel options are also accessible via icons shown in the main module page – see the area denoted with the red rectangle in the image above
- **User Guide** – the option for accessing this guide
- **User Data Feed** – the user data feed option controls the pivot table that is created for DotNetNuke users within the portal. The pivot table creation is a scheduled task that can be monitored from within the **User Data Feed** menu item, and this data feed can also be managed under **Host/Schedule**. Typically the scheduler is setup to run every 60 minutes so your data is very heavily cached for the best performance. You can modify when this scheduled task is run under Host/ Scheduler.
- **Dynamic User Directory License** - enter the license details from your product purchase here.
- **Clear User Data Feed Cache** – by default the user data feed is cached for every 20 minutes to 60 minutes within your DotNetNuke portal. This feature clears the cache and refreshes the user data feed.
- **Settings** – option for managing the usual DNN module settings
- **Delete** – option for deleting the module instance (see section 9)
- **Setup Initial Settings** – this is a shortcut to the option for managing the initial application settings (see section 5)
- **Setup Template** – option for managing the setup template (see section 6)

5 USING THE CONTROL PANEL

In order to start managing the main module options, choose “Control Panel” from the main menu.

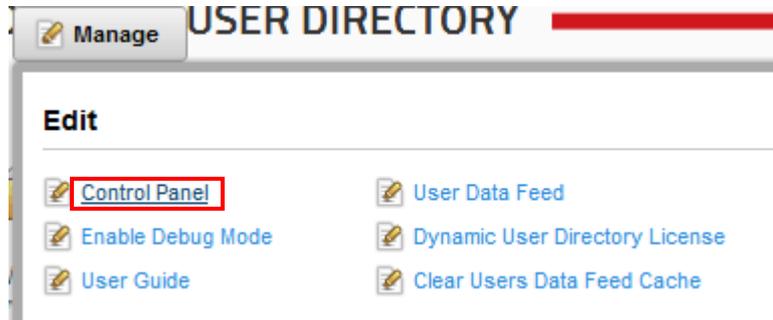


Figure 10: Using the control panel

The following page will be displayed.

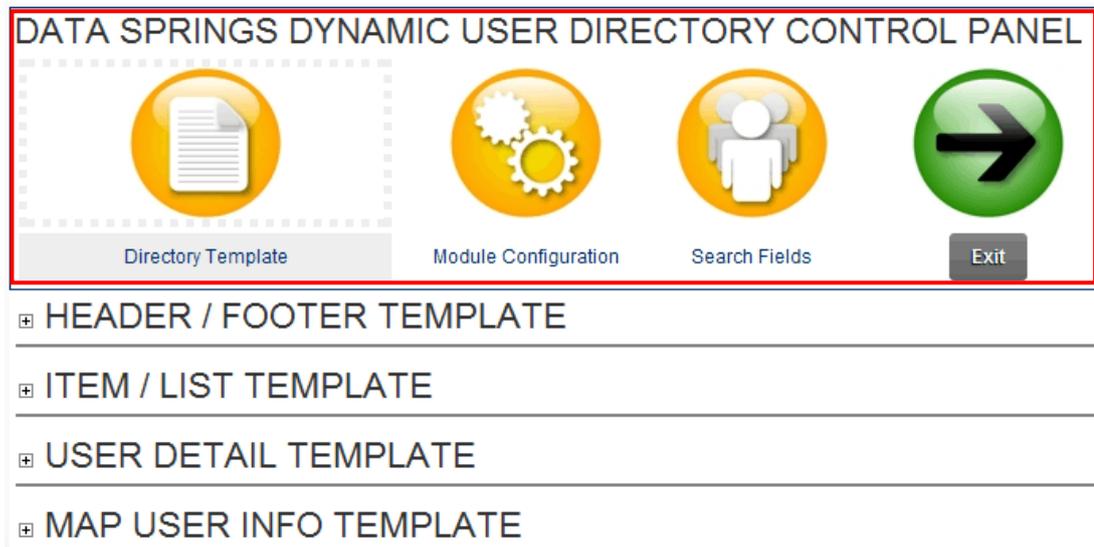


Figure 11: The options within the Dynamic User Directory control panel

The following options and parameters are available:

- **Directory Template** – the option for managing the directory template (see section 6)
- **Module Configuration** – the option for configuring the module (see section 7)
- **Search Fields** – the option for searching for the fields (see section 8)
- **Exit** – the option for closing the control panel

6 MANAGING THE DIRECTORY TEMPLATE

In order to start setting the Directory Template, choose option **Directory Template** inside the control panel (**note:** this option is displayed by default when you choose the control panel option from the main menu).

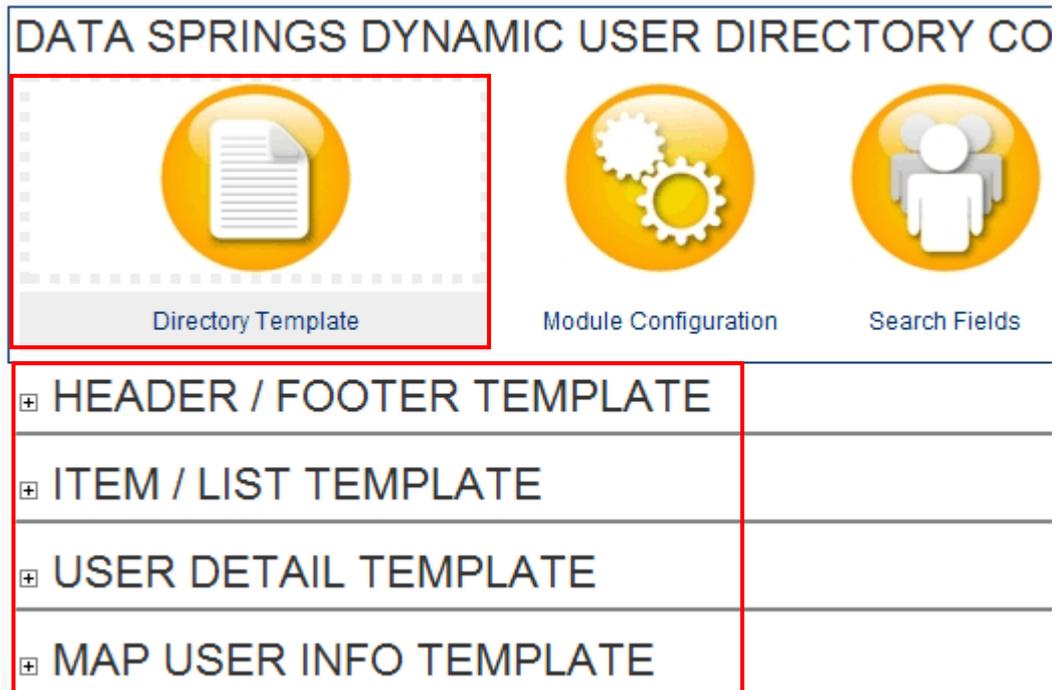


Figure 12: Managing the directory template

The following options and parameters are available:

- **Header/Footer Template** – the option for setting up the header and footer of the template (see section 6.1)
- **Item/List Template** – the option for setting up a main directory template (see section 6.2)
- **User Detail Template** – the option for setting up the template with detailed user information (see section 6.3)
- **Map User Info Template** – the option for defining the type of user information which will be displayed below the Google Map (see section 6.4)

6.1 Setting the Header/Footer Template

In order to start setting the footer and header parts of the template, choose option “Directory Template” and then expand the “Header/Footer Template” option.

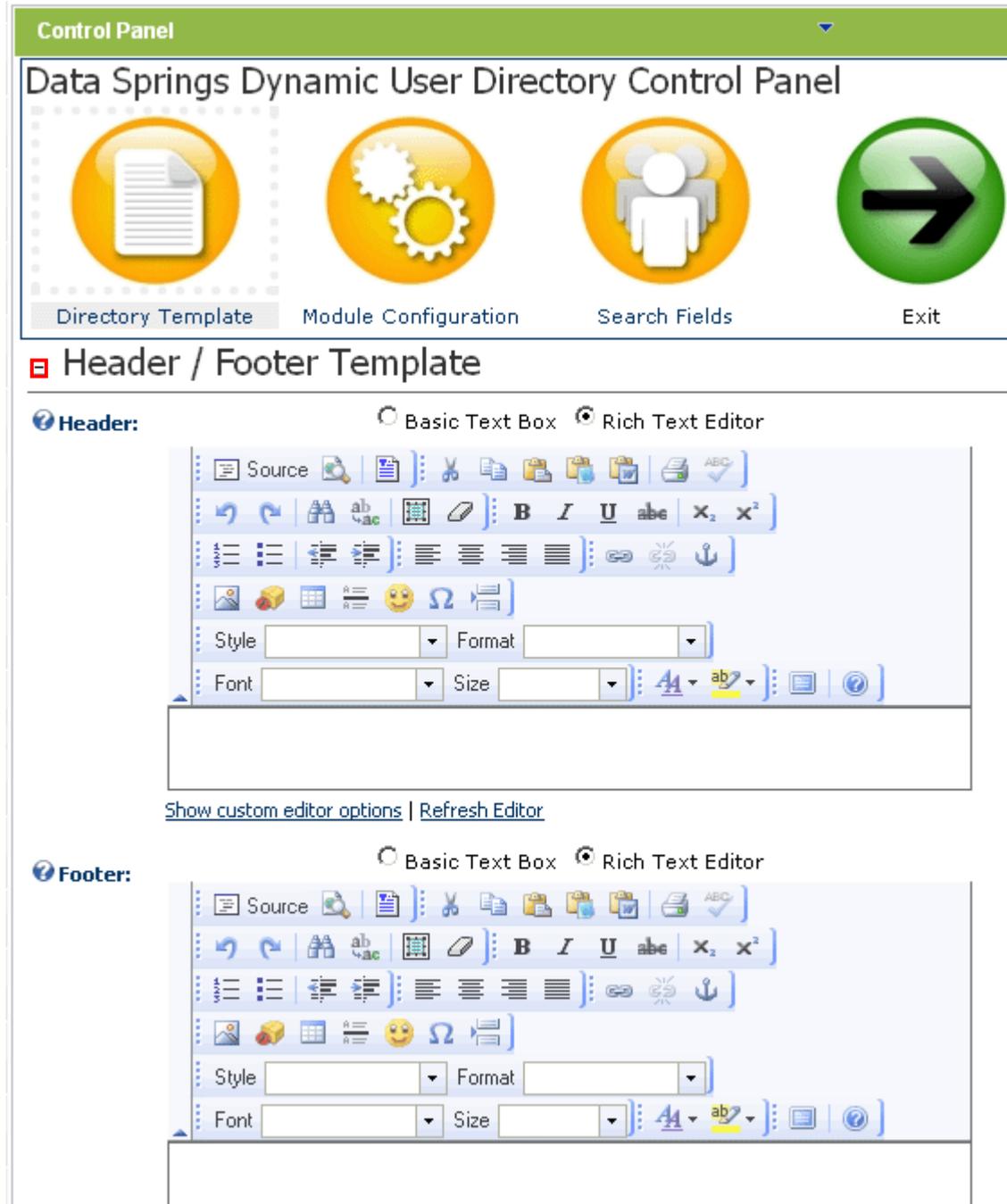


Figure 13: Setting the Header/Footer Template

The following options are available:

- **Header** – the WYSIWYG editor for entering and formatting the text which will be displayed as a header of the module
- **Footer** – the WYSIWYG editor for entering and formatting the text which will be displayed as a footer of the module

Note: the **header** part of the screen can be used for defining introductory information for your users and to explain the purpose of the directory while the **footer** can be used for providing any additional information about the company or contact information.

6.2 Setting the Item/List Template

In order to start setting the item/list template, choose option “Directory Template” and then expand the “Item/List Template” option.

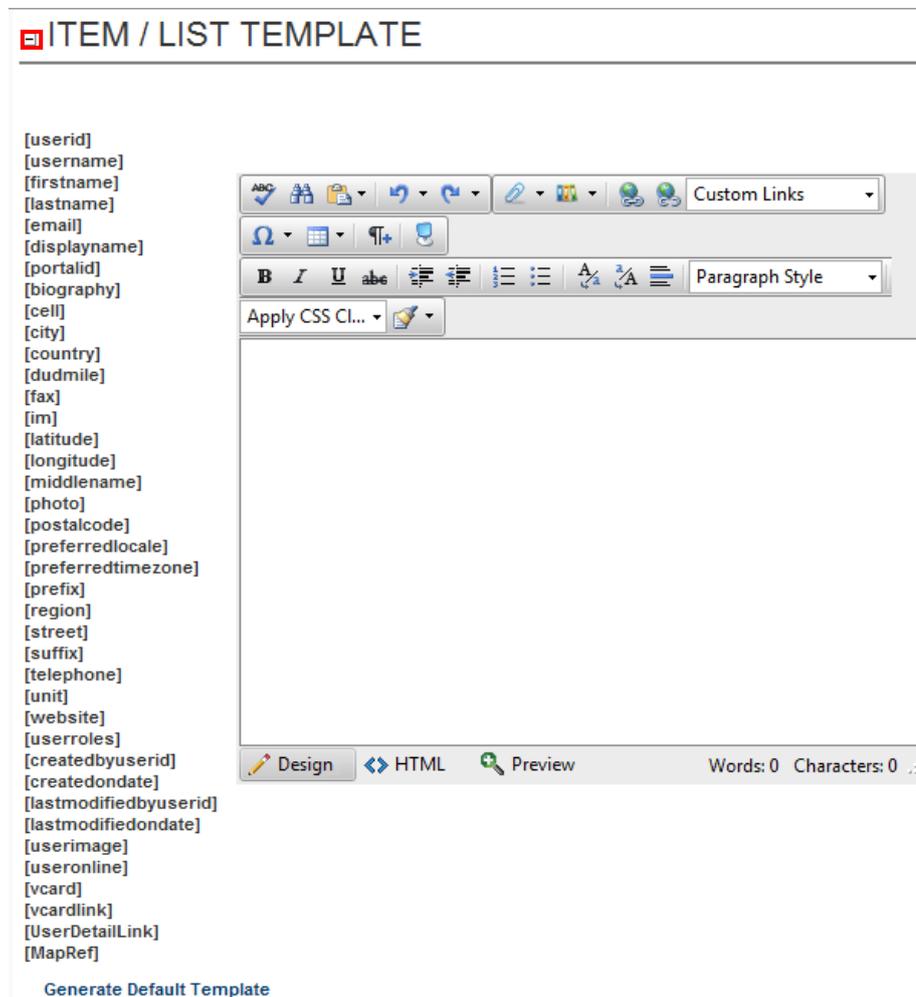


Figure 14: Setting the Item/List Template

The following options and parameters are available:

- **WYSIWYG editor** – the editor for formatting the text
- **Items** – these tokens are directly related to your DNN profile properties; please make sure that your Dynamic Registration field is linked to a profile property to ensure that they will show up as an option in the Item/List Template
 - [userid]
 - [username]
 - [firstname]
 - [lastname]
 - [email]
 - [displayname]
 - [portalid]

- [biography]
- [cell]
- [city]
- [country]
- [dudmile]
- [fax]
- [im]
- [latitude]
- [longitude]
- [middlename]
- [photo]
- [postalcode]
- [preferredlocale]
- [preferredtimezone]
- [prefix]
- [region]
- [street]
- [suffix]
- [telephone]
- [unit]
- [website]
- [userroles]
- [createdbyuserid]
- [createdondate]
- [lastmodifiedbyuserid]
- [lastmodifiedondate]
- [userimage]
- [useronline]
- [vcard]
- [vcardlink]
- [UserDetailLink]
- [MapRef]

In order to display the parameters of the user profile, copy the desired parameters and paste them in the text area on the right side.

6.2.1 Using the [UserDetailLink] parameter

The **[UserDetailLink]** is a specific parameter used in order to display the page with detailed user information.

In other words, you need to include this link within the **Item** part of the page. The link will be displayed and will lead the users towards the page with detailed information (**note**: detailed information is setup within the **Detail** part of the screen – see section 6.3).

In order to include the link perform the following steps:

1) Type the text for the link which you wish to display to the users (e.g. **View details** or **More Info**), select that text and click on the chain icon.

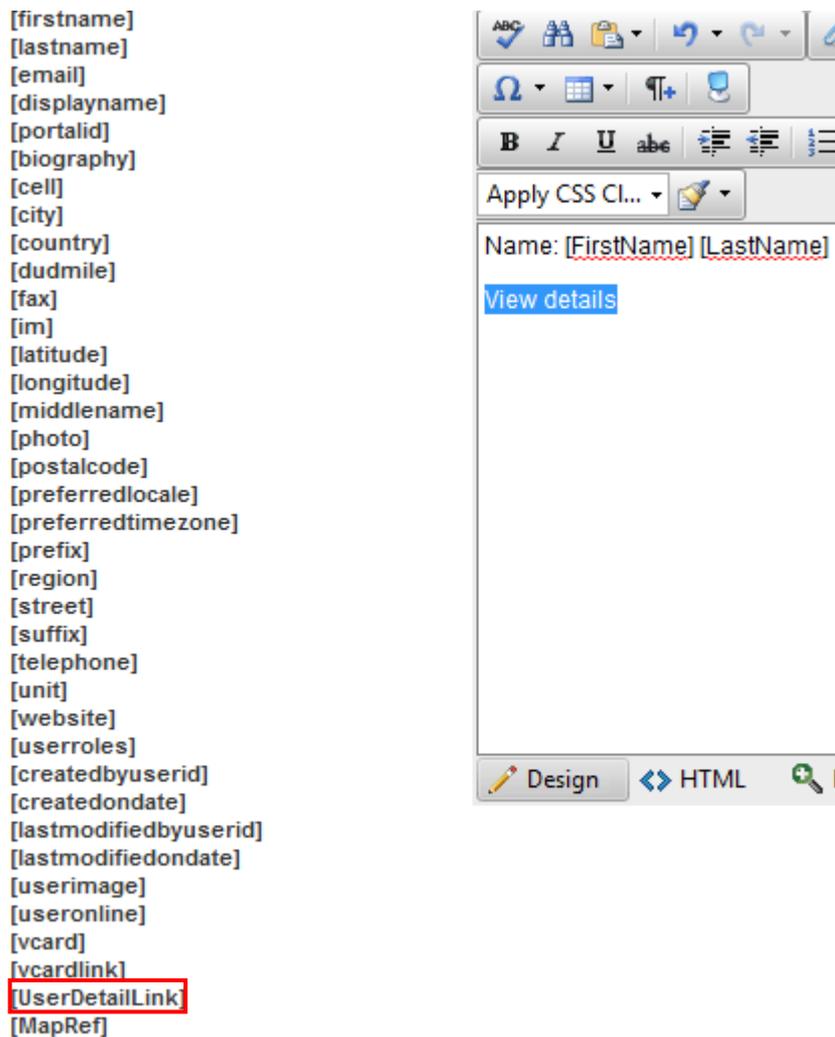
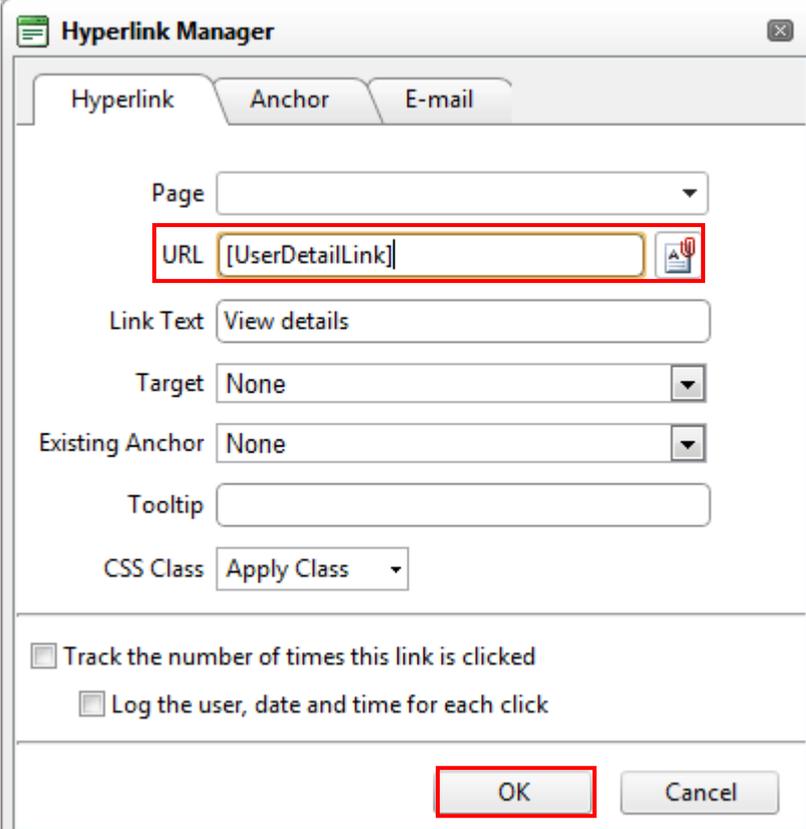


Figure 15: Setting up the user details link

The following screen will be displayed.



The screenshot shows the 'Hyperlink Manager' dialog box with the 'Hyperlink' tab selected. The URL field contains the text '[UserDetailLink]' and is highlighted with a red rectangular box. The Link Text field contains 'View details'. The Target field is set to 'None'. The Existing Anchor field is set to 'None'. The CSS Class field is set to 'Apply Class'. At the bottom, the OK button is highlighted with a red rectangular box, and the Cancel button is visible to its right. There are also two checkboxes: 'Track the number of times this link is clicked' and 'Log the user, date and time for each click', both of which are currently unchecked.

Figure 16: Defining the link

Enter the **[UserDetailLink]** parameter inside the URL field and click on the **OK** button (**note:** this feature allows you to make the view details link available within any number of HTML possibilities such as an image, a hyperlink with specific text, a pop up hyperlink, etc). The hyperlink will be defined.

Full Directory

First Name
Last Name
City
User Type:

This demonstration highlights showcasing users in both the Teacher and Student security roles, features to choose between student or teacher, and an optional search image rather than search.

<p>Name: Hunter, Adam</p> <p>Email: adamhunter@email.net</p> <p>Telephone: 555-555-1234</p> <p>Website: www.adamhunter.net</p> <p>Picture: </p> <p style="text-align: center;">View Full User Details</p>	<p>Name: Davenport, Alicia</p> <p>Email: aliciadavenport@email.net</p> <p>Telephone: 555-555-1234</p> <p>Website: www.aliciadavenport.net</p> <p>Picture: </p> <p style="text-align: center;">View Full User Details</p>
--	---

Figure 18: Example of the defined links

Once you click on the link, the page with the detailed information (as defined within the **Detail** part of the page) will be displayed.

Full Directory

Adam Hunter

adamhunter@email.net
United States

San Diego California
555-555-1234
Student

Figure 19: Example of the page with user details

Note: see section 6.3 for further information on setting up the user details.



The screenshot shows a user profile card titled "Teacher Directory" with a dropdown arrow. Below the title, a "Back" link is highlighted with a red rectangular box. The profile details are as follows:

Name:	Adams, David
Email:	david@email.net
Telephone:	555-555-1234
Website:	www.davidadams.net
Telephone:	555-555-1234
City:	
Region:	
Country	United States
Timezone:	

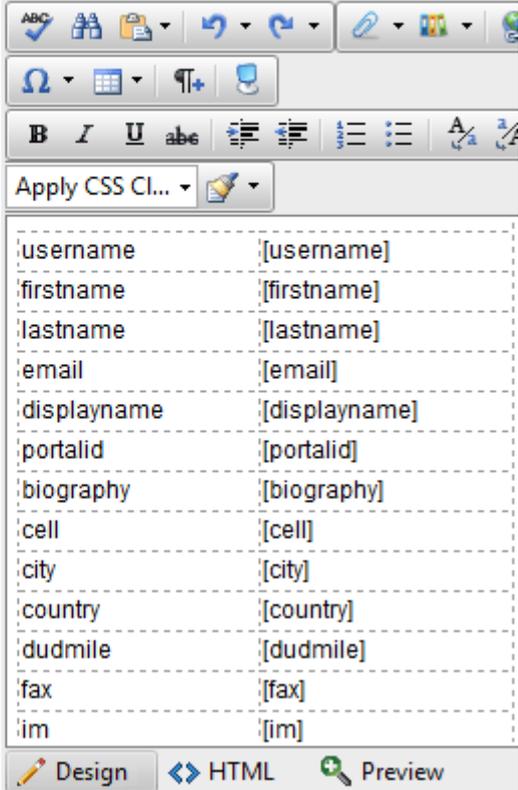
Figure 21: Example of the "Back" link

6.4 Map User Info Template

The Map User Info Template is used for setting up the user parameters which will be displayed below the map.

MAP USER INFO TEMPLATE

Map User Info: Editor: Basic Text Box



username	[username]
firstname	[firstname]
lastname	[lastname]
email	[email]
displayname	[displayname]
portalid	[portalid]
biography	[biography]
cell	[cell]
city	[city]
country	[country]
dudmile	[dudmile]
fax	[fax]
im	[im]

Design HTML Preview

Figure 22: Creating the Map User Info Template

Choose the desired user information and click **Update** to save the changes.

Note: further information about setting up Google Maps integration can be found in section: 7.7.

7 CONFIGURING THE MODULE

In order to start configuring the module, choose option “Control Panel” from the main menu and then select “Module Configuration”.

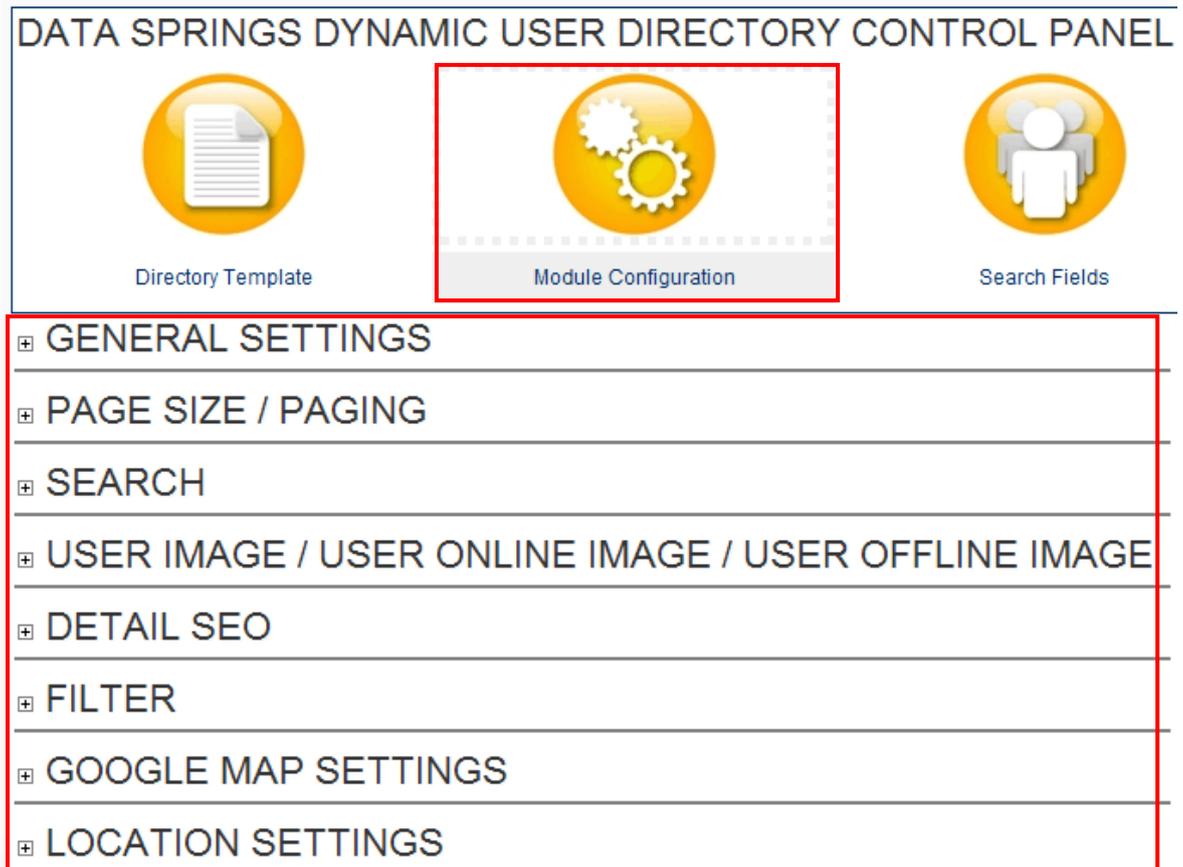


Figure 23: Configuring the module

The following options and parameters are available:

- **General Settings** – see section 7.1
- **Page Size/Paging** – see section 7.2
- **Search** – see section 7.3
- **User Image/User Online Image/User Offline Image**
- **Detail SEO**
- **Detail View / SEO Settings** – the “Detail SEO” is specific for letting the user utilize tokens within the “Page Title, Page Keywords, and Page Description” whenever a specific detail view is displayed.
 - **for example:** when you selected to view the details for a specific user, you could include things like “User Directory – [LastName], [FirstName]” for the page title that would change within the browser.
- **Filter** – see section 7.6
- **Google Map Settings** – see section 7.7
- **Location Settings** – see section **Error! Reference source not found.**

7.1 Managing the General Settings

In order to start managing the general settings, choose option “Module Configuration” and then expand the “General Settings” option.

GENERAL SETTINGS

Records per Page:

Repeat Columns:

Repeat Direction:

Sort Field:

Sorting Order:

Additional Sort Field:

Additional Sorting Order:

Exclude or Include Users By Role?:

Included / Excluded Roles:

- Administrators
- Registered Users
- Subscribers
- Translator (en-US)

Enable Export to Excel:

- Administrators
- Registered Users
- Subscribers
- Translator (en-US)

Authorized Users Only?:

User Report Template: Html Template Grid View

Show Details View In Popup: False True

Figure 24: Managing the General Settings

The following options and parameters are available:

- **Records per page** – enter the number of records you want to display per page (**e.g.** 10); if there are 30 records, those will be displayed in 3 separate pages
- **Repeat Columns** – set the number of columns you would like to repeat horizontally
 - **For example:** 3 columns would be

Name: Smith, John
Name: Smith, John
Name: Smith, John
- **Repeat Direction** – choose the desired direction for repeating information (horizontal or vertical)
- **Sort Field** – choose the item user directory will be sorted by (**e.g.** “DynamicUserName”)
- **Sorting Order** – set the desired sorting order (ascending or descending)
- **Additional Sort Field** - select one of the DNN Core fields for the additional sort field.
- **Additional Sorting Order** - select sorting order for the additional sort order field.

- **Exclude or Include Users by roles** – this feature will exclude or include users from the directory that have a particular security role within the DotNetNuke portal.
- **Included/Excluded Roles** – select the roles you wish to include or exclude based on the choice made within the “Exclude or Include Users By Role” pull down menu
- **Enable Export to Excel** - select security roles which will be allowed to export the results to a CSV file
- **Authorized Users Only?** - select this option in case you want to limit the user directory results to authorized users only
- **User Report Template** – select this option if the item template for the user directory should be an HTML Item Template defined by the administrator, or if the module should simply use the Data Grid.
- **Show Details View in Popup** - select if the details view should be displayed within a jQuery pop up window (otherwise the Details View will be its own URL that will require either its own window).

7.2 Setting the Page Size/Paging

In order to set the page size and/or paging, choose option “Module Configuration” and then expand the “Page Size/Paging” option.

PAGE SIZE / PAGING

Paging Link Locations:

Pager Alignment:

Results Count?: Display a message to the user with the total number

User controlled page size?: Allow the user to select the number of records per page

Page size control location?:

Page size options (comma separate list):

Figure 25: Setting the Page Size/Paging

The following options are available:

- **Paging Link Locations** - select the location for the page numbers links; you can choose to either display them in the top part of the page, the bottom or both
- **Pager Alignment** – set the desired alignment for the pager
- **Results Count** – select this option if you would like to display a message to the user with the total number of rendered results
- **User controlled page size** - select this option in case you want to allow your users to change the page size in terms of the number of records per page
 - **Note:** this will result in displaying a dropdown list of available page size options such as 10, 25, 50, 100, 250, 500, etc...
- **Page size control location** – use this option to select the location of the page size control as seen by the users; this option can be set to be left, center, or right aligned
- **Page size options (comma separate list)** - enter the options the user will use to select the page size (e.g.: 10, 25, 50, 100, 250, 500, 1000)

7.3 Configuring Search options

In order to start configuring the search options, choose option “Module Configuration” and then expand the “Search” option.

SEARCH

The screenshot shows the configuration page for the Search module. It includes several settings:

- Initialize No Records:** A checkbox that is currently checked.
- Display No Records Until Search:** An unchecked checkbox.
- Maximum number of results rendered before Search/Filter (0 for no limit)?:** A text input field containing the value "300".
- Search Alignment:** Radio buttons for "Left" (selected) and "Right".
- Search Activation:** Radio buttons for "Search Link Text" (selected) and "Use Search Custom Image Button".
- Custom Image Button:** A checked checkbox. Below it are two dropdown menus: "File Location" set to "Root" and "File Name" set to "32fa3b829760425abce23dcc9e11.xls". There is also a link labeled "Upload New File".
- Hide Search Conditions:** An unchecked checkbox.
- Search Link Text:** A text input field containing the word "Search".
- Search Label Suffix:** A text input field containing a colon ":".
- Enable Validation Summary:** An unchecked checkbox.
- Search Javascript on Blur:** A large empty text area.

Figure 26: Configuring the Search options

The following parameters are available:

- **Initialize No Records** – use this option to hide any results until the user conducts a search
- **Maximum number of results rendered before Search/Filter (0 for no limit)** - see section 7.3.1
- **Search Alignment** – the option for setting the desired search alignment (see section 7.3.2)
- **Search Activation** - choose if the search button should be a link button or image button.
- **Custom Image Button** - choose this option if you want your users to start the search by clicking on the image (**note:** after selecting this option use the “**Custom Image Button**” option to specify the desired image)
- **Hide Search Conditions** – select this checkbox if you would like to hide the search conditions dropdown lists when searching
- **Search Link Text** – choose this option if you want your users to start the search by clicking on the text link (**note:** after selecting this option use the “**Search Link Text**” input field to specify the link text e.g. “**Search**”)
- **Search Label Suffix** - type in the search text suffix (e.g. a colon symbol)
- **Enable Validation Summary** – select this option if you want to display the validation summary
- **Search Javascript on Blur** – use this field to specify your custom javascript function

7.3.1 Maximum number of results rendered before Search/Filter

The purpose of this functionality is to increase the system performance in case of a large user directory by forcing users to enter criteria before displaying the results.

☐ Search

<input checked="" type="radio"/> Initialize No Records:	<input type="checkbox"/> Display No Records Until Search
<input checked="" type="radio"/> Maximum number of results rendered before Search/Filter (0 for no limit)?:	<input type="text" value="300"/>
<input checked="" type="radio"/> Search Alignment:	<input checked="" type="radio"/> Left <input type="radio"/> Right
<input checked="" type="radio"/> Search Activation:	<input checked="" type="radio"/> Search Link Text <input type="radio"/> Use Search Custom Image Button
<input checked="" type="radio"/> Hide Search Conditions:	<input type="checkbox"/>
<input checked="" type="radio"/> Search Link Text:	<input type="text"/>
<input checked="" type="radio"/> Custom Image Button:	File Location: <input type="text" value="Root"/>
	File Name: <input type="text" value="00942ee02d154a27ab4072052b7a05a6.xls"/> Upload New File

Figure 27: Setting the maximum number of results

In other words, you can use this option to determine the exact number of records you wish to display without any input from the user. In case they wish to see more/other records they will need to use the pull down menus to define the criteria.

Dynamic User Directory ▾

First Name	contains ▾	
Country	contains ▾	- Select Country - ▾
Search		

Figure 28: Pull down menu for defining the desired criteria

Note: enter 0 if you wish to display all available records without forcing the user to define the criteria.

7.3.2 Setting the alignment of the “Search” option

In order to set the alignment of the “Search” option (either the custom button or the link), select the desired value within the “Search Alignment”:

- **Left** – see Figure 30
- **Right** – see Figure 31

☐ Search

Initialize No Records:
 Display No Records Until Search

Maximum number of results rendered before Search/Filter (0 for no limit)?:

Search Alignment:
 Left Right

Search Activation:
 Search Link Text
 Use Search Custom Image Button

Hide Search Conditions:

Search Link Text:

Custom Image Button:
 File Location:

File Name:

[Upload New File](#)

Figure 29: Setting the alignment of the search option

The screenshot below demonstrates the layout of the Dynamic User Directory when the alignment is set to left.

Dynamic User Directory ▾

First Name

Country

Search

Page Size:

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#)

Figure 30: The layout when the alignment set to left

The screenshot below demonstrates the layout of the Dynamic User Directory when the alignment is set to right.

Dynamic User Directory ▾

First Name contains

Country contains - Select Country - ▾

[Search](#)

Page Size: 10 ▾

1 2 3 4 5 6 7 8 9 10 11

Figure 31: The layout when the alignment set to right

7.4 User Image/User Online Image/User Offline Image

In order to start setting up user images, choose option “User Image/User Online Image/User Offline Image”.

USER IMAGE / USER ONLINE IMAGE / USER OFFLINE IMAGE

Integration Type: [?](#) DotNetNuke Profile ▾

User Image Field: [?](#) username ▾

Image Location: [?](#)

Image Type: [?](#) Thumbnail ▾

Enable jQuery Lytebox Effect?: [?](#)

Thumbnail Prefix: [?](#)

Thumbnail Image Height: [?](#) 150

Thumbnail Image Width: [?](#) 150

Alternate Thumbnail Image: [?](#) File Location: Root ▾

File Name: <None Specified> ▾

[Upload New File](#)

User Online Image: [?](#) File Location: Root ▾

File Name: <None Specified> ▾

[Upload New File](#)

User Offline Image: [?](#) File Location: Root ▾

File Name: <None Specified> ▾

[Upload New File](#)

Figure 32: Setting up user images

The following parameters are available:

Note: Please refer to this blog post for more specific guidance/setup for enabling the [UserImage] token.

<http://www.datasprings.com/news/blog/postid/26/dynamic-registration-dynamic-user-directory-pr>

- **Integration Type** - select the integration type that you would like to implement for the users image; this can either be a DotNetNuke User Profile Image or based on a Dynamic Registration profile image.
- **User Image Field** - select the field in which you would like to use an image.
- **Image Location** - select the location for your image.
- **Image Type** – select the desired image type
- **Enable jQuery Lytebox Effect** - select if you would like to enable the jQuery lytebox effect. This effect will pop up the users full profile image within a jQuery lytebox plugin.
- **Thumbnail prefix** – set the thumbnail prefix
- **Thumbnail Image Height/Weight** – set the height and weight for the thumbnail image
- **Alternate Thumbnail Image** – specify an alternate thumbnail image
- **User Online Image** – select the image which will be displayed in case the user is online
- **User Offline Image** – select the image which will be displayed in case the user is offline

7.5 Managing the SEO Settings

The “Detail SEO” will help you manage the SEO aspect of the page with user details. These features allow you to modify the browser / web page title, description, and keywords. For example, you could modify the title of the page for each and every page to be something like Business Directory – [YourProfileFieldForCityOrCategory] – [LastName], [FirstName] which would then create a unique page title representing the city and users last name and first name.

Show Name in Detail Link: ⓘ Show Name In Detail Link

Alternate Title : ⓘ

Alternate Description: ⓘ

Alternate Keywords: ⓘ

Figure 33: Managing the SEO settings

The following options and parameters are available:

- **Show name within the user detail link** – select this option if you would like to display the user’s name within the user detail link

- **Alternate Title** – use this field to specify the desired tokens which you wish to include in the title of the page i.e. [FirstName] to display the first name for every user or any other profile parameter
- **Alternate Description** - select the alternate page description for the detailed user view; the page description can include tokens such as [FirstName] or any other profile parameter
- **Alternate Keywords** - select the alternate page keywords for the detailed user view; the page description can include tokens such as [FirstName] or any other profile parameter

7.6 Setting up the Filter

A filter is an admin-defined search criteria designed to limit the search results. For example, if you offer a list of personal trainers but only want to display those who completed your evaluation process, you can set up a profile property for this and use it as a filter.

In order to start setting the filter, choose option “Module Configuration” and then expand the “Filter” option.

The screenshot shows the 'FILTER' configuration page. It includes the following elements:

- Debug Mode:** A checkbox labeled 'Enable Debug Mode'.
- Enable a Filter:** A checkbox labeled 'Enable Filter?'.
- Filter Field:** A dropdown menu currently showing 'username'.
- Filter data (Optional):** A checkbox.
- Filter Criteria:** A row containing a dropdown for column selection (currently '-- Select Column --'), a dropdown for the operator (currently 'equals'), and a dropdown for logical operators (currently 'AND').
- Buttons:** 'Add', 'Delete', and 'Validate' buttons at the bottom.

Figure 34: Setting the filter

The following options and parameters are available:

- **Debug Mode** – enable this option if you want to eliminate problems by viewing information on what went wrong
- **Enable a Filter** – select to enable the filter
- **Filter data (Optional)** – define pre-set search criteria here to limit search results.
-

7.7 Google Map Settings

The Google Maps setting allows you to enable a Google Map within the header or footer templates of your Dynamic User Directory module instance. You can utilize/show the map within these templates if this feature is enabled and you insert [GoogleMap] within your header or footer templates.

The Google Maps setting will showcase users who appear within the directory, and these users will appear as icons with the specific Google map template that is defined within the templates area. If no template is defined a standard/default template will be applied. Only users who appear within the directory will be showcased within the map.

Note: The Google Maps feature will showcase a map, however you must enable the “Location” feature if you would like to offer the ability to search by a specific proximity.

- To enable the location proximity feature, you must add a search field called “DUDMile” to your list of searchable fields and also the “PostalCode” option. For example, a user would enter “92104” for the postal code, and then they would select from a dropdownlist

or enter the miles into a textbox for the DUDMile. This would represent something like “50” miles within the distance of “92104”.

- This profile (DUDMile) property should be setup under **Admin -> User Accounts -> Manage Profile Properties**. This field should already be created for you once you enable the location proximity feature.
- Profile fields will also be created for “Longitude” and “Latitude”
- The scheduled process (User Data Feed) will begin to store users longitude and latitude properties within a scheduled process.
- Both the DUDMile and PostalCode fields are required as search items if the Location Proximity feature is enabled.

In order to start setting the Google Map settings, click on the + next to that label.

☐ GOOGLE MAP SETTINGS

Map Height:

Map Width:

Show map on page: Enable
 Disable

Zoom level of map:

Show this setting on page: Enable
 Disable

Figure 35: Managing the Google map settings

The following parameters are available:

- **Map Height/Width** – specify the map height and width
- **Show map on page** – choose **Enable** to display the map on the page
- **Zoom level of map** – set the desired map zoom level
- **Show this setting on page** - specify whether this setting will be displayed on the page, select enable to display otherwise choose disable

Distance: is less than or equal 100

Zip Code: equals 92104

Search

Map Reference

username	BobDole
Map Reference	
firstname	Bob
lastname	Dole
email	cnash@datasprings.com
displayname	Bob Dole

Figure 36: Google maps as seen on the site

Note: to get more results, increase the number for the distance i.e.the “DUDMILE” field. So if you change this from 100 to 2000 you will get more users.

8 MANAGING THE SEARCH FIELDS

In order to start managing the search fields, choose option “Control Panel” from the main menu and then choose “Search Fields”.

Note: within the 4.1 release of Dynamic User Directory there are several new fields that can be used as search fields. These fields represent:

- **DUDMile (miles/distance from the postal code)** – this field is required for search if you have enabled the “Google Proximity” search field.
- **UserRoles** – you can now utilize and search based on the user roles. In order for this searchable field to operate correctly, you must enable the “Contains” operator and not the equals operator for the search condition.
- **SearchAllField** – this field should never be displayed within the user template, but can be a field which will represent “ALL PROFILE FIELDS” so that you can implement a single search field which will search all profile properties for a user.

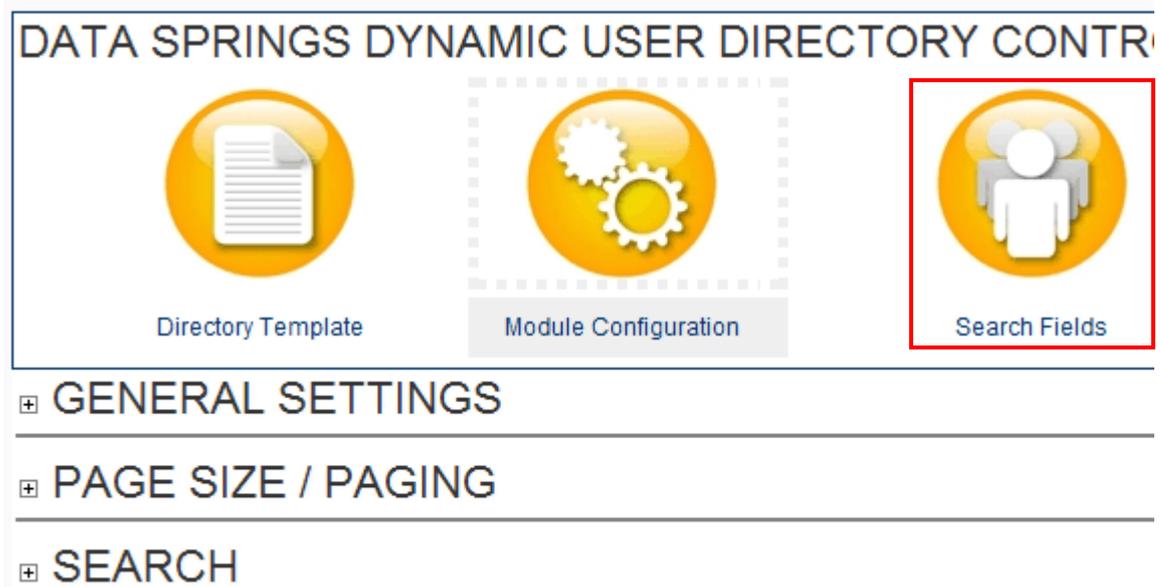


Figure 37: Managing the search fields (step 1/3)

The following page will be displayed (**note:** presented with 2 screenshots).

Field Name 

	Criteria	
<input type="checkbox"/>	is Less Than	<input type="radio"/>
<input type="checkbox"/>	Equals	<input type="radio"/>
<input type="checkbox"/>	is Less then or Equal	<input type="radio"/>
<input type="checkbox"/>	Begins With	<input type="radio"/>
<input type="checkbox"/>	Does not equal	<input type="radio"/>
<input type="checkbox"/>	is greater than	<input type="radio"/>
<input type="checkbox"/>	is greater then or equal	<input type="radio"/>
<input type="checkbox"/>	does not begin with	<input type="radio"/>
<input type="checkbox"/>	ends with	<input type="radio"/>
<input type="checkbox"/>	does not end with	<input type="radio"/>
<input type="checkbox"/>	contains	<input type="radio"/>
<input type="checkbox"/>	does not contain	<input type="radio"/>
<input type="checkbox"/>	is empty	<input type="radio"/>
<input type="checkbox"/>	is not empty	<input type="radio"/>

Criteria 

Search Label 

Default Value 

Input Type 

Figure 38: Managing the search fields (step 2/3)

The following options and parameters are available:

- **Field Name** – pull down menu for choosing the field the search criteria will be related to
- **Criteria** – set the desired criteria for the field (**e.g.** “Begins with” or “Contains”); the square checkboxes in the left column represent the options you want to include; the round radio buttons in the right column selects the default option
- **Search label** – use this to enter a more user-friendly label for these criteria. If no search label is defined then the system will default to the criteria name, and then default to the localized variable for the criteria name. For example, you can replace “Postal Code” with “Please enter a zip code.”
- **Default Value** – field for entering the default value for the criteria
- **Input Type** – pull down menu for choosing the desired input type

Note: If you choose the text 'Values' should select 'Select Text as ListName = 'Region' followed by a complete instance of Dynamic User

Input Values / SQL

Condition: AND

Field Data Type: Text

Searchable:

Sort Order:

Required Field:

Required Field Text:

Required Field Error Message:

Update Cancel

Figure 39: Managing the search fields (step 3/3)

- **Input Values/SQL** – Dynamic User Directory supports the ability to load a dropdown list with a list of available values. These values can either be entered or based on a SQL Query

Tip: For SQL, you should select two fields for 'SearchOption' and 'SearchOptionValue'.

Example: Select Text as SearchOption, Text as SearchOptionValue from Lists Where ListName = 'Region'.

Tip: To bypass SQL and use manual entries enter 'Values:' followed by a comma separated list.

Example: Values:Yes,No,Maybe

- **Condition** – currently defaulted to 'and' only
- **Searchable** – select this checkbox to make this criteria searchable
- **Sort Order** – field for setting the sort order by which the criteria will be displayed to users
- **Required field** – select this option to make the field a required field
- **Required field text** – enter the symbol which will denote that the field is required, e.g. *
- **Required field error message** – specify the desired error message in case the user has not filled the required field

After defining the desired options for the search criteria click on the "Update" link and the new search condition will be added.

Control Panel

Data Springs Dynamic User Directory Control Panel

Visibility: ^



Directory Template



Module Configuration



Search Fields



Exit

	FieldName	SearchLabel	DefaultValue	Criteria	InputType	InputsSQL	Condition	Searchable	SortOrder
✖	UserID			Begins With	TextBox		AND	<input checked="" type="checkbox"/>	
✖	FirstName			contains	TextBox		AND	<input checked="" type="checkbox"/>	

Field Name UserID

Criteria		
<input type="checkbox"/>	is Less Than	<input type="radio"/>
<input type="checkbox"/>	Equals	<input type="radio"/>
<input type="checkbox"/>	is Less than or Equal	<input type="radio"/>

Figure 40: The new search criteria successfully added

Once the new search criteria have been added, the following two options will be available:

-  – click on this icon to modify the parameters of the desired search criteria
-  – click on this icon to delete the search criteria

8.1 Special Search Tips & Integration

These are special search tips and integration:

- Leaving the search criteria to be 'equal' or 'contains' will render results if the field is null or blank; by using this method you can have multiple fields such as zip code, city, and state, and allow the user to search based on only the fields that they enter search terms form
- Search fields can now be pre-filled from a querystring variable; so, if you have a search field for FirstName, you can pre-fill this search term by passing in the parameter as follows: ?FirstName=John. Here's another querystring example that's popular for integrating with other modules:
www.yoursite.com/default.aspx?TabID=555&FirstName=John&LastName=Smith.
 - For example you could have another 3rd party module pass in the variables to showcase and pre-fill users by 'City' (such as a list of Cities) and it would pre-fill the terms when the user clicked the link from the 3rd party module.
- Search results can be rendered upon load time, simply add &AutoSearch=True to the querystring and the search results will be rendered. For example, if you wanted the module to load and showcase all users with the firstname of John without having to force the user to click the search button, the URL could be loaded such as:
www.yoursite.com/default.aspx?TabID=555&FirstName=Chad&AutoSearch=True
- You can now utilize a new parameter called "HideSearch" when this value is set to true the search options/fields will automatically be rendered and processed, but they will be hidden for the user. For example:
www.yoursite.com/default.aspx?TabID=555&FirstName=Chad&AutoSearch=True&HideSearch=True

8.2 Search Localization Settings

The “Dynamic User Directory” supports localization of the field labels and search conditions. The search conditions localization is now setup in the main **DynamicUserDirectory.ascx.resx** file which can be found within the **DesktopModules\Dynamic User Directory\App_LocalResources** directory. You can manually modify this file with a text editor or change the file under Admin, Languages.



Figure 41: Choosing option "Languages" from the "Admin" menu

Example of changing search conditions text

```
<data name="Begins With.Text">
    <value>Begins With</value>
</data>
```

If you wanted to change the “**Begins With**” to “**Starts With**” you could easily modify this localization setting.

Example of changing search field label

```
<data name="Prefix.Text">
    <value>User Prefix</value>
</data>
```

Note: for custom extended core fields you create you will need to create localization settings; for example if you create a new core extended field under Admin, User Accounts, Manage Profile Properties called ‘Bus Address’ you would need to create a localization setting for this property within the DynamicUserDirectory.ascx.resx file.

Example for localization of custom profile property

```
<data name="BusAddress.Text">
    <value>Business Address</value>
</data>
```

9 EXAMPLES OF USER DIRECTORY SETTINGS AND LAYOUT

This section will give examples of the dynamic user directory module settings as well as the demonstration of how those settings reflect in the front end.

Each of the two variants described below present the screen shot of the front end accompanied by the screenshot of the “Edit Template” and “Dynamic User Directory” settings page where those parameters are set.

9.1 Variant 1

Teacher Directory ▾

Email

Last Name

[Search Now](#)

Page Size:

<p>Name: Davids, Catherine Email: catherine@email.net Telephone: 555-555-1234 Website: www.catherinedavids.net Picture:</p>  <p style="text-align: center;">View Full User Details</p>	<p>Name: Stevens, Ted Email: stevens@email.com Telephone: 555-555-1234 Website: www.tedstevens.net Picture:</p>  <p style="text-align: center;">View Full User Details</p>
<p>Name: Johnson, Elizabeth Email: elizabeth@email.net Telephone: 555-555-1234 Website: www.elizabethjohnson.net Picture:</p>  <p style="text-align: center;">View Full User Details</p>	<p>Name: Wilson, Tara Email: wilson@email.net Telephone: 555-555-1234 Website: www.tarawilson.net Picture:</p>  <p style="text-align: center;">View Full User Details</p>

Figure 42: Dynamic User Directory as seen by the end users (variant 1)

Control Panel ▾
Visibility: ⤴

Data Springs Dynamic User Directory Control Panel



Directory Template



Module Configuration



Search Fields



Exit

☐ General Settings

- 🔍 **Records per Page:**
- 🔍 **Repeat Columns:**
- 🔍 **Repeat Direction:** ▾
- 🔍 **Sort Field:** ▾
- 🔍 **Sorting Order:** ▾
- 🔍 **Exclude or Include Users By Role?:** ▾
- 🔍 **Included / Excluded Roles:**
 - Administrators
 - Registered Users
 - Student
 - Subscribers
 - Teacher
- 🔍 **Enable Export to Excel:**
 - Administrators
 - Registered Users
 - Student
 - Subscribers
 - Teacher
- 🔍 **Authorized Users Only?:**

Figure 43: Module settings (variant 1)

9.2 Variant 2

Teacher Directory ▾

Email

Last Name

[Search Now](#)

Page Size:

1 [2](#) [3](#)

Name: Davids, Catherine
Email: catherine@email.net
Telephone: 555-555-1234
Website: www.catherinedavids.net
Picture:



[View Full User Details](#)

Name: Stevens, Ted
Email: stevens@email.com
Telephone: 555-555-1234
Website: www.tedstevens.net
Picture:



[View Full User Details](#)

Figure 44: Dynamic User Directory as seen by the end users (variant 2)

▣ **General Settings**

Records per Page:

Repeat Columns:

Repeat Direction:

Sort Field:

Sorting Order:

Exclude or Include Users By Role?:

Included / Excluded Roles:

- Administrators
- Registered Users
- Student
- Subscribers
- Teacher

Enable Export to Excel:

- Administrators
- Registered Users
- Student
- Subscribers
- Teacher

Authorized Users Only?:

▣ **Page Size / Paging**

Paging Link Locations:

Pager Alignment:

Results Count?: **Display a message to the user with the total number of results rendered?**

User controlled page size?: **Allow the user to select the number of records per page?**

Page size control location?:

Page size options (comma separate list):

Figure 45: Module settings (variant 2)

10 DELETING DYNAMIC USER DIRECTORY MODULE INSTANCE

In order to delete “Dynamic User Directory” module, choose option “Delete” from the main menu.



Figure 46: Deleting Dynamic User Directory (step 1/2)

The following screen will be displayed.

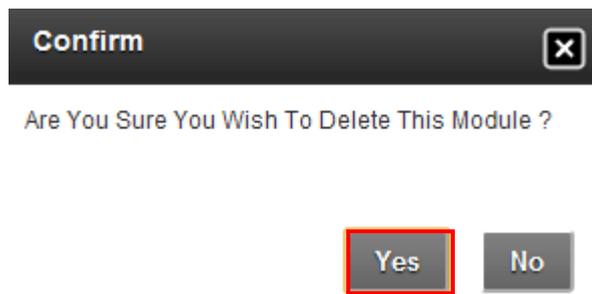


Figure 47: Deleting Dynamic User Directory (step 2/2)

Click on the “Yes” button and the module instance will be deleted.

11 OTHER RESOURCES

Here is the list of other resources you can use in order to learn as much as possible about different ways you can use the Dynamic User Directory module.

11.1 Product Forums:

We encourage you to visit the product forums areas and post support or implementation questions, ideas, enhancement requests, and overall community involvement. Have questions? Often searching the product forums will bring up several threads related to your issue or question.

<http://www.datasprings.com/Products/ProductForums/tabid/727/view/topics/forumid/15/language/en-US/Default.aspx>

11.1.1 Popular Threads:

Integrating Users Image w/ Dynamic Registration and DotNetNuke Photo Fields

<http://www.datasprings.com/news/blog/postid/26/dynamic-registration-dynamic-user-directory-pr>

Adding a Details Link for the Users Details View

<https://dnn4.datasprings.com/Products/ProductForums/tabid/727/forumid/15/postid/4029/view/topic/language/en-US/Default.aspx>

Creating Editable Links within the Template

<https://dnn4.datasprings.com/Products/ProductForums/tabid/727/forumid/15/postid/6869/view/topic/language/en-US/Default.aspx>

Dynamic User Directory 2.5 – What's New

<https://dnn4.datasprings.com/Products/ProductForums/tabid/727/forumid/15/postid/8387/view/topic/language/en-US/Default.aspx>

11.2 Demonstrations

You can find several demonstrations that highlight specific functionality for Dynamic User Directory at <http://dynregdemo.datasprings.com>. This demo site includes highlights on:

- Integrating Multiple Instances of Dynamic User Directory
- Filtering Users By Security Roles
- Integrating Dynamic User Directory and Dynamic Registration
- Exporting Users to Excel from Dynamic User Directory
- Search Fields
- Pre-Filling Search Fields
- Enabling the Auto Search
- Multiple Layout / Look and Feel
- Item View / Details View for Layout



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