

# Connected Systems

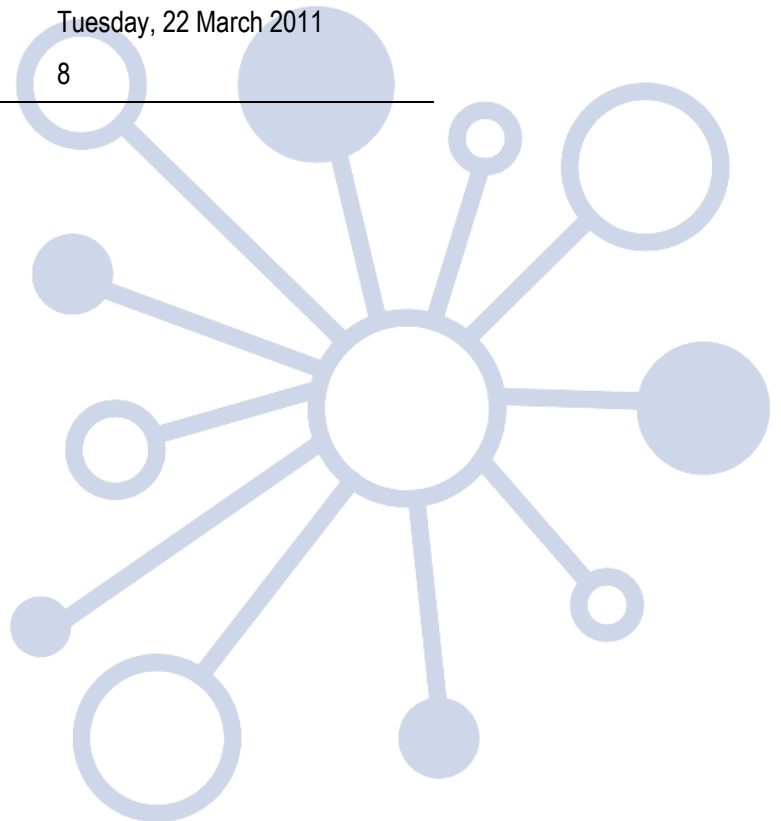
## People Finder Feature for SharePoint Foundation 2010

### User Guide

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Version number:	1.0
Release date:	Tuesday, 22 March 2011
Pages	8

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# 1 Introduction

Connected Systems' Search People for Microsoft SharePoint Foundation 2010 gives you the ability to search contacts within your organisation. Our fast and flexible people search will import from your Active Directory accounts and contacts to give you a cost effective personnel directory in SharePoint Foundation 2010. With support for photos, you'll be able to search for colleagues easily and quickly and see what they look like.

SharePoint Foundation 2010 customers now have the opportunity to have a rich and fast people searching facility that can be deployed and configured to support any deployment.

The aims of the Connected Systems Search People Feature for SPF 2010 are to improve on the SharePoint platform by:

- ❖ Leveraging current database infrastructure
  - Only one SQL table required.
  - Support for existing SQL infrastructure or deployed as standalone data store.
- ❖ Easy import of people data
  - Active Directory accounts and contacts supported
  - LDAP query driven support
  - Fast upload of AD accounts or contacts
  - Runs as a SharePoint Timer Job Service on a scheduled basis to refresh people content.
- ❖ Flexible look & feel options
  - XML results returned allow flexible formatting.
  - XSLT results driven web parts.
  - Additional attributes like photos supported
- ❖ Easy configuration and management
  - Fully integrated with Central Administration facility
  - Timer Job synchronisation process

The Connected Systems Search People Feature for SPF 2010 adds significant value to Microsoft SharePoint Foundation 2010 by allowing users to locate their colleagues, their contact details and a photo of each user against their profile data.

## 2 How to use the People Finder Feature?

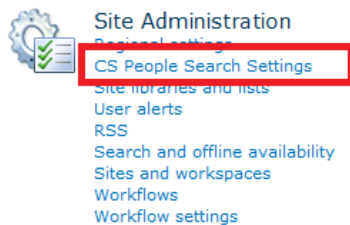
### 2.1 What does it install?

The People Finder feature installs the following components:

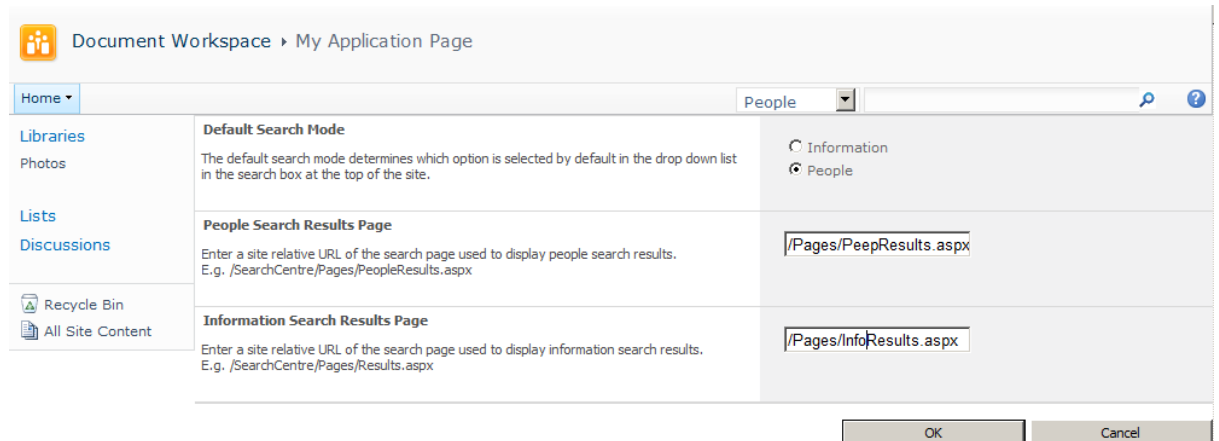
- ❖ Database
  - SQL script file that needs to be run from SQL Management Studio to help with the creation of the People Finder database.
- ❖ Core
  - Replacement for the site search control, with site administration and configuration
  - People Finder Timer Job Service (configuration screen in Central Admin)
  - People Finder web parts (Search, Advanced Search and Results web part)

### 2.2 Configuring Site Search control

This is configured under Site Actions | Site Settings | Site Administration, select “CS People Search settings”.



This supports the setting of the default dropdown selection, the People Search results page and the Information Search results page.

A screenshot of the CS People Search Settings configuration dialog. The dialog is titled "Document Workspace > My Application Page" and has a "Home" button. The search mode is set to "People". The configuration is as follows:

Setting	Description	Value
Default Search Mode	The default search mode determines which option is selected by default in the drop down list in the search box at the top of the site.	<input type="radio"/> Information <input checked="" type="radio"/> People
People Search Results Page	Enter a site relative URL of the search page used to display people search results. E.g. /SearchCentre/Pages/PeopleResults.aspx	/Pages/PeepResults.aspx
Information Search Results Page	Enter a site relative URL of the search page used to display information search results. E.g. /SearchCentre/Pages/Results.aspx	/Pages/InfoResults.aspx

At the bottom right, there are "OK" and "Cancel" buttons.

## 2.3 Create Search Pages

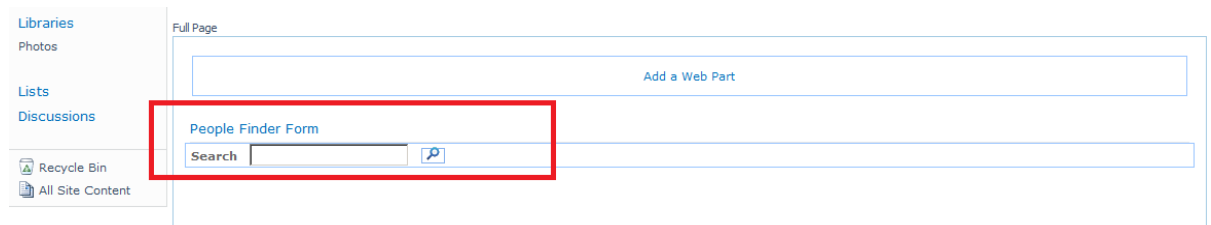
Two or three pages need to be created to perform the People Finder function.

1. People Finder search page, this page contains the single field search web part.
2. People Finder advanced search page, this page contains the advanced search web part with multi-field web part.
3. The Results page, this is the page that both the web parts (search and advanced) and the site search control will use to display the results set.

### 2.3.1 People Finder – Search page

A People Search landing page needs to be created in much the same way a Search Center site is provisioned when installing the SharePoint Search features.

Create a web part page and Add the People Finder Search web part. These web parts are available under the “Connected Systems” headings. This web part must be configured to send the search query to the results page. It is the results page web part that actually performs the People Finder query and returned the results.



Once configured with the search results page reference, save the page and create the results page.

## 2.3.2 People Finder – Results page

Create a web part page and Add the People Finder Core Results web part. This web part is available under the “Connected Systems” heading. This web part queries the People Finder SharePoint Services, passing in the parameters passed in from the People Finder web part.

There are a couple of configuration settings for the Core Results web part. These include:

- **Debug mode:** This returns the XML viewable in the web part. This make the debugging of XLST a lot easier and shows to configurator what is being returned from the People Finder Service.
- **Search String:** This allows for features like “LimitResults” to be passed in to limit the return records up to a particular limit.
- **Results XLST String:** This is to support a custom XSLT string and allow for the output to be fully customised.

The screenshot shows the SharePoint configuration interface for the 'CS People Search Core Results' web part. The interface is divided into several sections:

- Page Actions:** A horizontal bar at the top containing various actions like 'Stop Editing', 'Edit Properties', 'Permissions', 'E-mail a Link', 'Alert Me', 'Approve', 'Reject', 'Workflows', 'Edit Mobile Page', 'Make Homepage', and 'Title Bar Properties'.
- Libraries:** A sidebar on the left with links for 'Photos', 'Lists', and 'Discussions', along with 'Recycle Bin' and 'All Site Content'.
- Full Page:** A central area showing a 'Full Page' view with a 'Add a Web Part' button and a list of web parts, including 'CS People Search Core Results' which is selected.
- Configuration Panel:** A right-hand panel for the 'CS People Search Core Results' web part, containing:
  - Appearance:** Title (CS People Search Core Results), Height (No. Adjust height to fit zone), Width (No. Adjust width to fit zone), Chrome State (Normal), and Chrome Type (Default).
  - Layout:** A section for layout settings.
  - Advanced:** A section for advanced settings, including:
    - Debug Mode:** A checkbox to enable or disable debug mode.
    - Search String:** A text input field for the search string.
    - Results XSLT String:** A text input field containing the XSLT string: `<?xml version="1.0" encoding="`.











The following page is how the out of the box XSLT renders the results from the Search query. Please note that the photos are displayed beside the names.

Document Workspace >

Home ▾ People ▾ 🔍 ⓘ

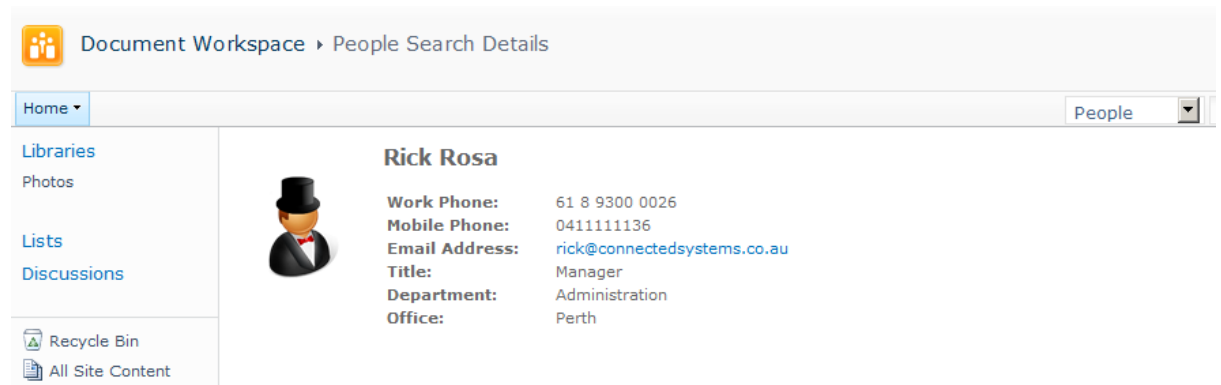
Libraries  
Photos  
Lists  
Discussions  
Recycle Bin  
All Site Content

CS People Search Core Results

	Name	Email	Title	Work Phone	Mobile Phone	Department	Office
	Amanda Rosa	amanda@connectedsystems.co.au	Developer Consultant	61 8 9300 0022	0411111132		Brisbane
	Craig Rosa	craig@connectedsystems.co.au	Consultant	61 8 9300 0013	0411111123		Hobart
	Daphne Rosa	daphne@connectedsystems.co.au	Consultant	61 8 9300 0012	0411111122		Darwin
	David Rosa	david@connectedsystems.co.au	Developer Consultant	61 8 9300 0010	0411111120	Development	Perth
	Dereck Rosa	dereck@connectedsystems.co.au	Consultant	61 8 9300 0011	0411111121		Canberra
	Donna Rosa	donna@connectedsystems.co.au	Accounts/Payroll	61 8 9300 0024	0411111134	Administration	Sydney
	Elsa Rosa	elsa@connectedsystems.co.au	Consultant	61 8 9300 0021	0411111131		Hobart
	Jasmin Rosa	jasmin@connectedsystems.co.au	Consultant	61 8 9300 0009	0411111119		Melbourne
	Jeff Rosa	jeff@connectedsystems.co.au	Consultant	61 8 9300 0003	0411111113		Canberra
	Jim Rosa	jim@connectedsystems.co.au	Infrastructure Delivery Manager - WA	61 8 9300 0018	0411111128	Infrastructure	Perth

### 2.3.3 User Profile Details page

Once the search results have been returned, selecting a user/contact displays the following user profile page with user details.



The screenshot shows a web interface for 'Document Workspace' with a breadcrumb trail 'People Search Details'. A navigation bar includes a 'Home' dropdown and a 'People' dropdown menu. On the left, there is a sidebar with 'Libraries' (Photos), 'Lists' (Discussions), and 'Recycle Bin' (All Site Content). The main content area displays the profile for 'Rick Rosa', featuring a placeholder photo of a man in a top hat and a list of contact information: Work Phone (61 8 9300 0026), Mobile Phone (0411111136), Email Address (rick@connectedsystems.co.au), Title (Manager), Department (Administration), and Office (Perth).

## 2.4 How do the photos work?

The photo for each user must be named the same as the username. It must be placed in the Document or Picture Library specified in the Timer Job configuration. Once the photos are loaded in the library, the timer job looks to see if the user's corresponding photo is in the library, and if it is, a URL is added to the SQL record pointing to the user's photo. If there's no photo present, the placeholder picture URL is added to the SQL record.

Please note the photos must be in JPG format as this is the file type we verify against each user.