

Installing and Configuring Qdabra's Search Web Part

Qdabra's Search Web Part allows you to perform full-text searches from a SharePoint page. Follow the instructions below to install, configure and use the Search Web Part. Note that this Web Part requires DBXL v2.3 and later versions.

Installation

1. Extract the QdabraSearchWebPart.zip file.

NOTE: Under certain conditions, if you drag/extract items directly from the zip file into the IIS directories, Windows will not set the WSS_WPG and WSS_ADMIN_WPG permissions correctly, resulting in SharePoint generating a 6611 error in the Application event log ("Failure in loading assembly: QdabraSearchWebPart..."). It is recommended that you extract the files, and then copy them.

2. Go to the Share Point Web application directory in which you want to deploy this Web Part. It probably looks like: *C:\inetpub\wwwroot\wss\VirtualDirectories\<<port number of the web app>>*.
3. Copy the **QdabraSearchUserControl** folder project from the extracted zip file to the Web application directory.
4. Copy the items in the zip file's bin folder (**QdabraSearchWebPart.dll** and **QdabraSearchWebPart.XmlSerializers.dll**) to the **_app_bin** folder of the Web application directory.
5. Open the web.config file in the web root using a text editor, such as Notepad.
6. Add the following Safe Control tag in the safe controls section of the web.config file.

```
<SafeControl Assembly="QdabraSearchWebPart, Version=1.0.0.0, Culture=neutral,  
PublicKeyToken=efbe83067737d395" Namespace="QdabraSearch" TypeName="*" Safe="True" />
```

7. Save the web.config file.

Add the web part in SharePoint

1. Open the SharePoint site in Internet Explorer.



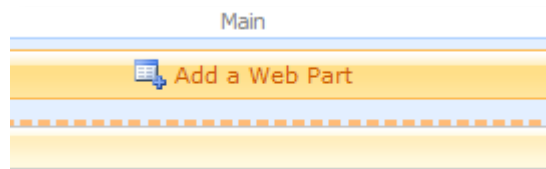
2. Click on **Site Actions** to view more options.
3. Select **Site Settings**.
4. Click the **Web Part** link under **Galleries**.
5. Click **New** in **Web Part Gallery**.
6. Check the **QdabraSearch.QdabraSearchWebPart** check box.
7. Click the **Populate gallery** button.

Qdabra's Search Web Part is now added to the web part gallery.

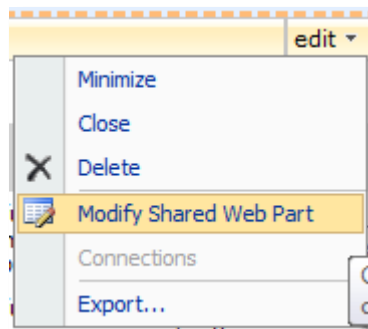
Usage

Now you can add the Search Web Part to any page.

1. Click on **Edit page** in the **Site Actions** menu of that page.
2. Click on the **Add a Web Part** button.



3. Check the **QdabraSearchWebPart** check box under the **Miscellaneous** section.
4. Click on the **Add** button. Result: **QdabraSearchWebPart** Web Part is added to the Web Page.
5. Click on the downward arrow of the **Edit** button and select **Modify Shared Web Part**. Result: **QdabraSearchWebPart** Properties window is opened in the task pane.



6. In the **Qdabra Web Service URL** field, enter the document service URL for your server, usually <http://<servername>/QdabraWebservice/DbxlDocumentService.asmx>.
7. Scroll down to the **Custom Properties** section and fill in the **Document URL Template** field. To open the form in InfoPath, use this format:
<http://<servername>/QdabraWebService/Documents/{@DocID}/Form.xml>
8. Click on **Apply**.
9. Scroll up and select a document type from the **Document Type** drop down list
10. Check the columns you wish to include as a result of the search.
11. Click on **Apply**, and then click on **OK**.

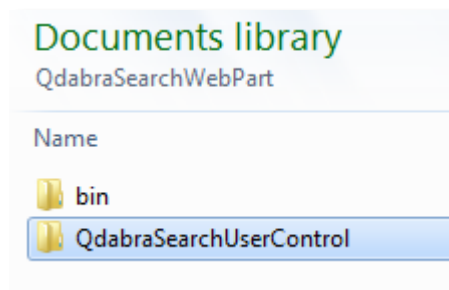
Qdabra's Search Web Part is now ready for use on your page.

If you attempt to "Modify Shared Web Part", you may receive a "Server Error". This usually happens when you have added the Search web part to a page via the browser and attempt to edit it via SharePoint Designer, or vice versa. If you plan on adding other elements to the page via SharePoint Designer, make sure to add the Search Web Part via SharePoint Designer so that future changes don't generate a server error.

Additional Info

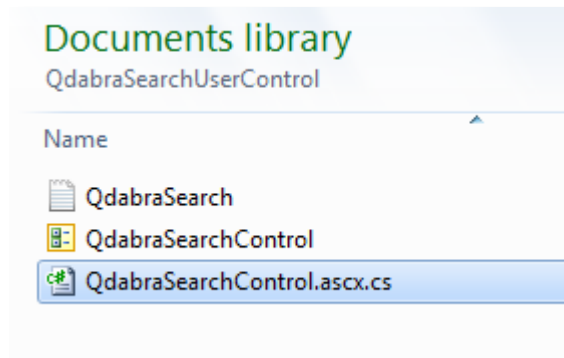
The search web part currently works when searching for exact matches. To allow partial search, you need to modify the search web part's code by following the steps below.

1. Navigate to the **QdabraSearchUserControl** folder.



2. Open **QdabraSearchControl.ascx.cs** and locate the **GetSearchResults** function.





```
private void GetSearchResults(string searchPhrase, string searchType, ref DataTable searchResultsTable)
{
    string docType = this.Attributes["DocType"];
    string serviceUrl = this.Attributes["ServiceURL"];
    if (!serviceUrl.EndsWith(".asmx", StringComparison.OrdinalIgnoreCase))
    {
        if (!serviceUrl.EndsWith("/"))
        {
            serviceUrl = serviceUrl + "/";
        }
        serviceUrl = serviceUrl + "dbxlDocumentService.asmx";
    }
}
```

3. Scroll down a little bit and find this line:

```
using (Stream requestStream = request.GetRequestStream())
{
    using (XmlWriter requestWriter = new XmlTextWriter(requestStream, Encoding.UTF8))
    {
        requestWriter.WriteStartElement("Envelope", ns_soap);

        requestWriter.WriteStartElement("Body", ns_soap);

        requestWriter.WriteStartElement("SearchEx", ns_qdabra);

        requestWriter.WriteStartElement("searchPhrase", ns_qdabra);
        requestWriter.WriteString(searchPhrase);
        requestWriter.WriteEndElement();

        requestWriter.WriteStartElement("searchMethod", ns_qdabra);
        requestWriter.WriteString("Freetext");
        requestWriter.WriteEndElement();

        requestWriter.WriteStartElement("searchType", ns_qdabra);
        requestWriter.WriteString(searchType.ToString());
        requestWriter.WriteEndElement();
    }
}
```

4. Change the searchMethod from "Freetext" to "Basic" or "Contains".
5. Save the changes to **QdabraSearchControl.ascx.cs**.



Support

If you have questions about the information in this document, please contact Qdabra Software for assistance.

Licensed customers can contact us via Support@Qdabra.com.

You can also use the [InfoPathDev.com](http://www.infopathdev.com) to request help from the community.

Contact Information

Qdabra Software
218 Main Street, Suite 731, Kirkland, WA 98033

Phone:	877.544.2389
Email:	Support@Qdabra.com
Website:	http://www.qdabra.com
Community:	http://www.infopathdev.com

