

Kentico CMS Hands on Lab



Hands on Lab:
Integrating Facebook with Kentico CMS

Twitter: @trobbins

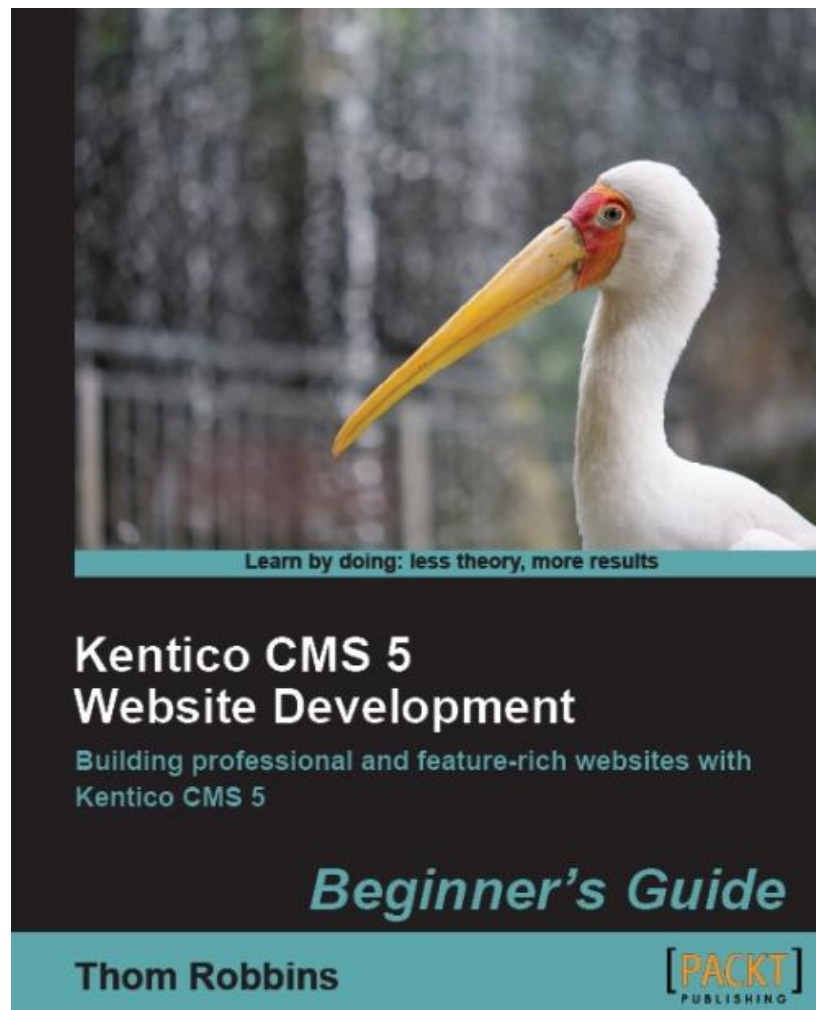
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For more information <http://www.kentico.com>

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Looking for more information on Kentico CMS? Please check out



Available from Packt Publishing

<https://www.packtpub.com/kentico-cms-5-website-development-beginners-guide/book>

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Hands on Lab: Integrating Facebook with Kentico CMS

Lab Overview

System Requirements:

- Kentico CMS 5.5 R2 installed with the Sample Corporate Site
- Active Facebook account

Intended Lab Audience:

- CMS Designers
- CMS Developers
- Content Administrators

Lab Introduction

Facebook has become an internet marketing sensation, with third party estimates of almost 200 million users and reports that almost two thirds of these log in daily. For many marketers, Facebook has become an essential ingredient for online and integrated marketing campaigns. Facebook provides marketers and web site owner's paid advertising models that include user profiling, targeted advertisements, community collaboration and networking opportunities. Non paid opportunities enable marketers and web site owner's the opportunity for their customers to discuss, share and recommend content and products with their social network. Both provide an opportunity for companies to build their brand, extend reach and collaborate with customers. Facebook provides an extensive API that any website owner can leverage. In

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this lab, we will add Facebook functionality to the Kentico Corporate sample site. In completing this set of labs you will perform the following tasks:

- Explore the available Facebook resources
- Integrate a Recommend button using the Static text web part
- Integrate a Recommend button using the page template
- Integrate a Like button for the Blogs module

Lab: Adding a Facebook Recommend Button

Lab 1: Getting the Recommend button code

1. Go to <http://developers.facebook.com/docs/reference/plugins/like/>, in **Step 1 – Get Like Button Code** update the following fields and then click the **Get Code** button

Field	Value
URL to Like	http://www.kentico.com
Send Button	Checked
Layout Style	Standard
Show Faces	Checked
Verb to display	Recommend
Color Scheme	Light



Recommend Button

Even though the wizard name says that it will create the Like button it will generate a Recommend button when the Verb to display is changed.

2. Copy the code from the **XBFML** text box as shown in the following screenshot and then click **Okay**



What is XBFML?

Facebook provides two models of integration - Extensible Facebook Markup Language (XBFML) and Iframe. XBFML takes advantage of JavaScript to resize its height for profile pictures and also provides additional events that can be captured for further extensibility.

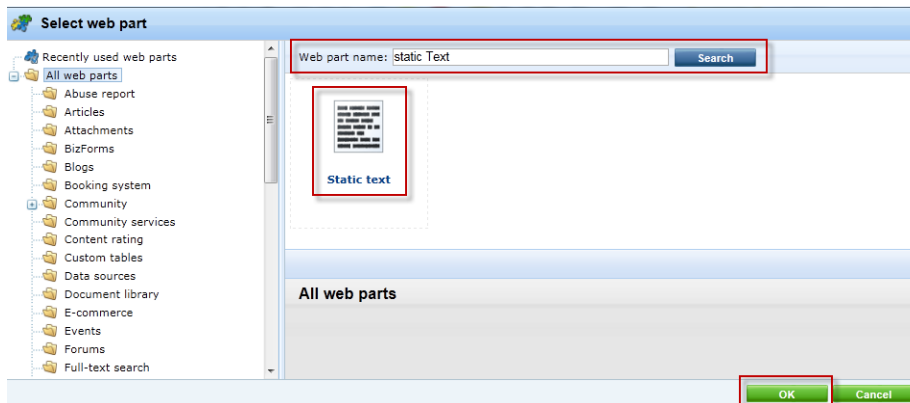
Lab 2: Adding the Static Text web part

1. Log into **CMS Desk** as **Administrator**, select the **Content** tab, in the content tree select the **Home** page, then select the **Design** tab, in **ZoneCenter** click the **Add web part** icon as shown in the following screenshot

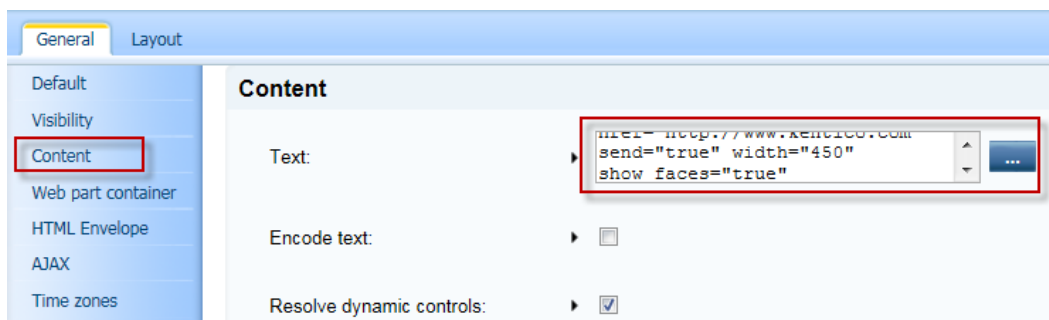


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2. Within the **Select web part** screen in the **Web part name** textbox enter **static text**, then click the **Search** button, select the **Static text** web part and click **OK** as shown in the following screenshot

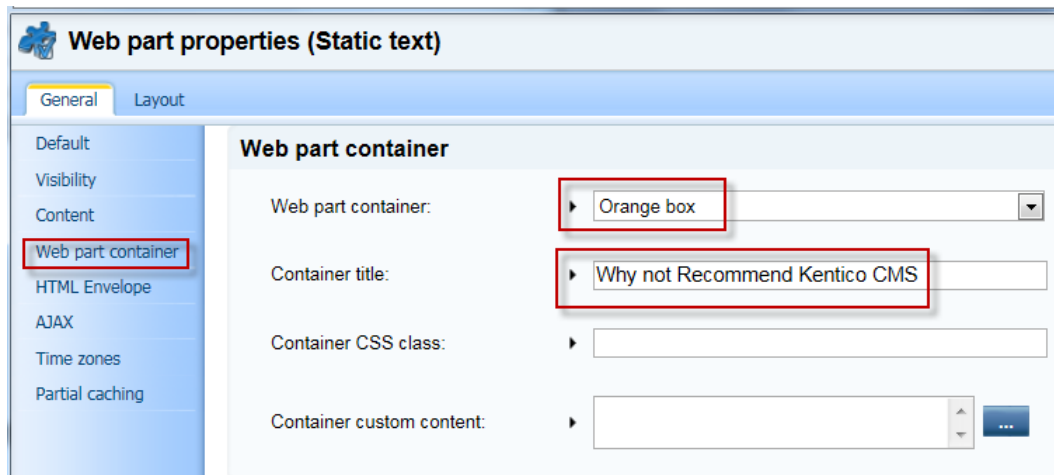


3. In the **Web part properties (Static Text)** screen, select the **Content** tab and paste the Facebook code you copied from **Lab 1** into the **Text** property as shown in the following screenshot

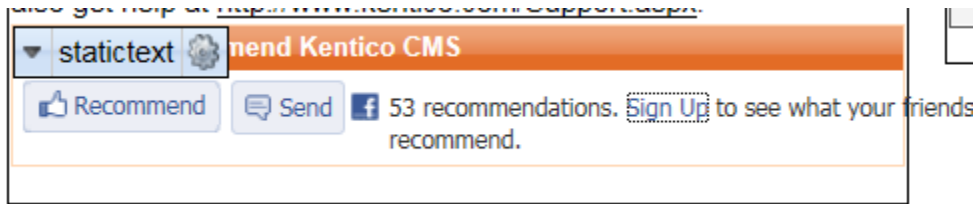


4. Click the **Web Part container** tab, in the **Web part container** drop down select **Orange box**, in the **Container title** textbox enter **Why not Recommend Kentico CMS** as shown in the following screenshot and then select **Ok**

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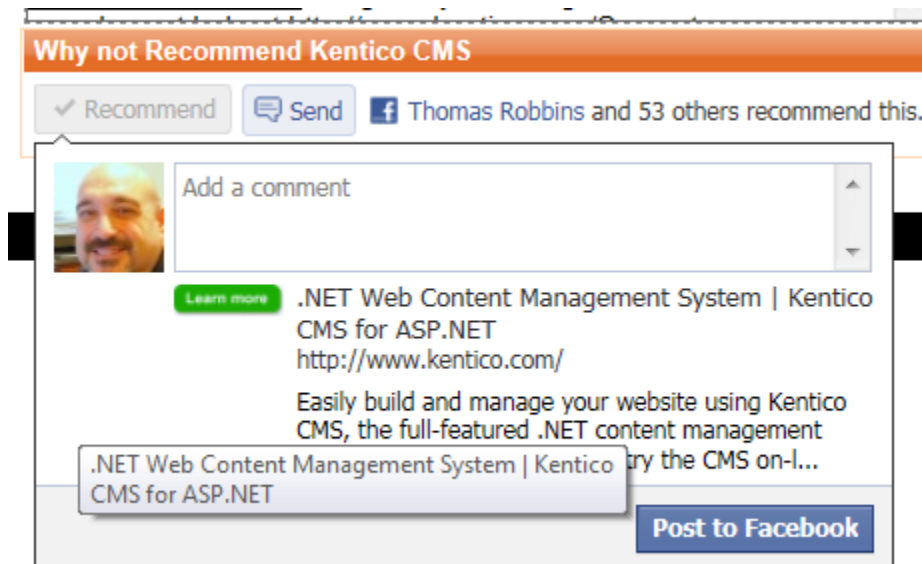


5. Validate that you see the web part as shown in the following screenshot



6. Click the **Live Site** button, and then click the **Recommend** button as shown in the following screenshot

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Do you need to login?

If prompted you may need to log into Facebook.

Lab 3: Using the Page Template

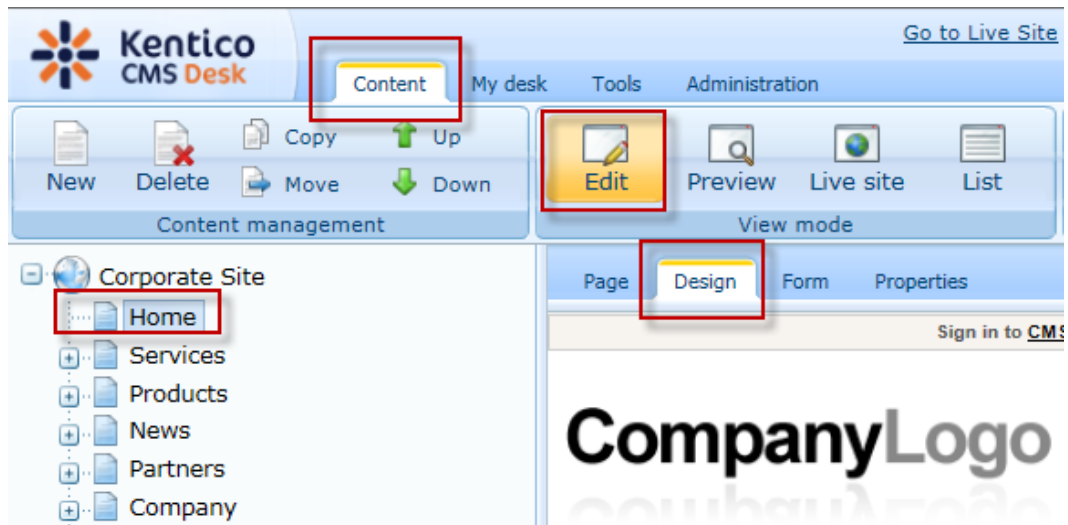
1. Go to <http://developers.facebook.com/docs/reference/plugins/like/>, in **Step 1 - Get Like Button Code** update the following fields, and then click the **Get Code** button

Field	Value
URL to Like	http://www.kentico.com
Send Button	Checked

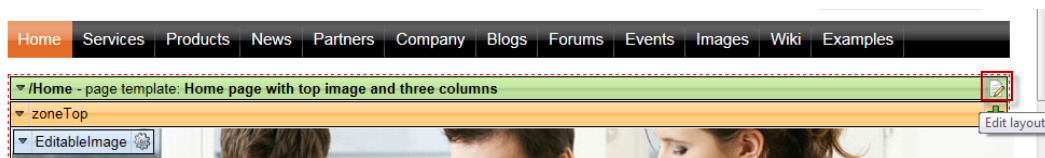
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Layout Style	Standard
Show Faces	Checked
Verb to display	Recommend
Color Scheme	Light

2. Log into **CMS Desk** as **Administrator**, select the **Content** tab, select the **Edit** button, in the Content tree select the **Home** page, and select the **Design** tab as shown in the following screenshot



3. Select the **Edit layout** button as shown in the following screenshot

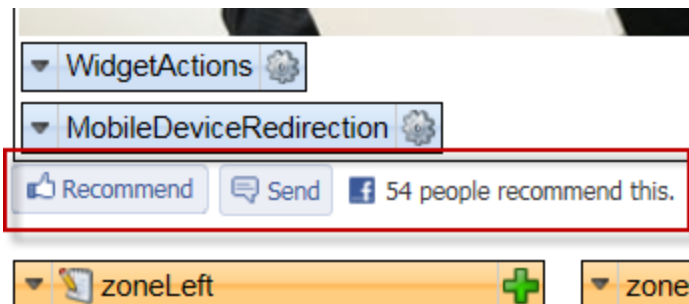


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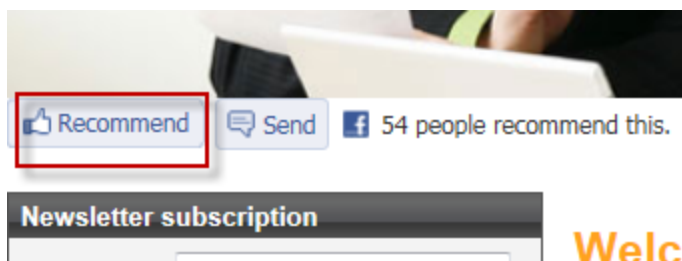
4. In **Page layout**, paste the Facebook button code from **Lab 1** as shown in the following screenshot (**below the <cc1:CMSWebPartZone ID="zonetop" runat="server" /> line**) then select **Save** and finally click the **X** in the left hand corner to close the window as shown in the following screenshot

```
<cc1:CMSWebPartZone ID="zoneTop" runat="server" />
<div id="fb-root"></div><script
src="http://connect.facebook.net/en_US/all.js#appId=138093909598571&xfbml=1"></script><fb:like
href="http://www.kentico.com" send="true" width="450" show_faces="true" action="recommend"
font=""></fb:like>
</div>
```

5. Validate that you see the **Recommend** button as shown in the following screenshot

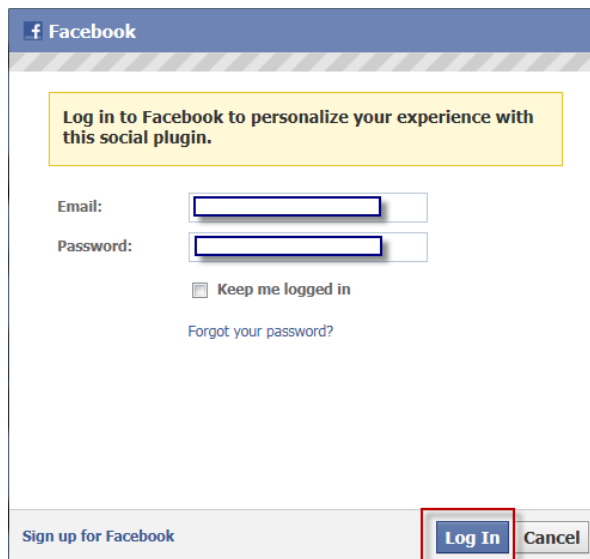


6. Select the **Live Site** button and then click the **Recommend** button as shown in the following screenshot



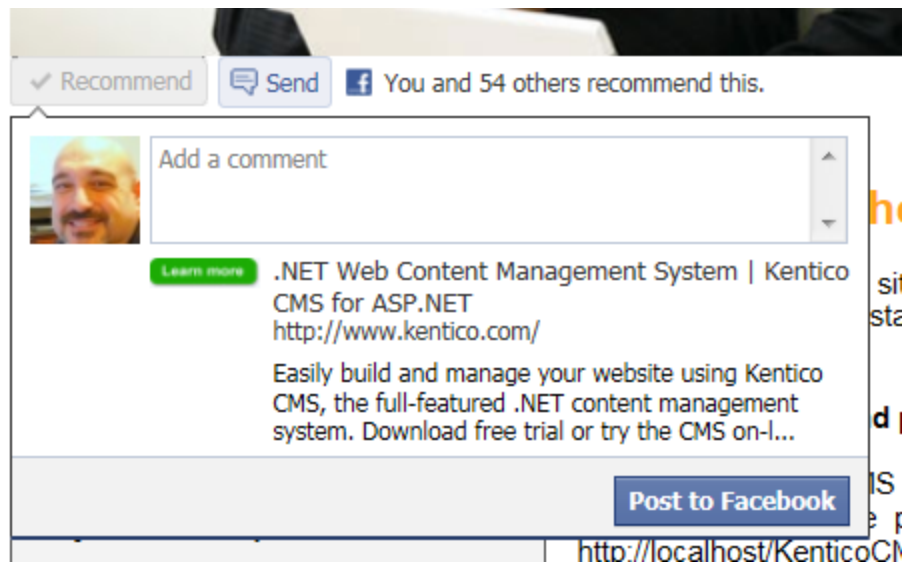
7. If prompted log into Facebook as shown in the following screenshot

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A screenshot of a Facebook login dialog box. At the top is a blue header with the Facebook logo and the word "Facebook". Below this is a yellow box with the text "Log in to Facebook to personalize your experience with this social plugin." Underneath the yellow box are two input fields: "Email:" and "Password:". Below the password field is a checkbox labeled "Keep me logged in" and a link "Forgot your password?". At the bottom of the dialog, there is a "Sign up for Facebook" link on the left, a "Log In" button in the center (highlighted with a red rectangle), and a "Cancel" button on the right.

8. Validate that you see following screenshot



Lab: Adding a Facebook Like Button

Lab 1: Getting the Like Button Code

1. Go to <http://developers.facebook.com/docs/reference/plugins/like/>, in Step 1 - **Get Like Button Code** update the following fields and then click the **Get Code** button

Field	Value
URL to Like	http://www.kentico.com
Send Button	Checked
Layout Style	Standard
Show Faces	Checked
Verb to display	Like
Color Scheme	Light

2. In the **XFBML** textbox copy the Like button code as shown below and click **Okay**

Your Like Button plugin code:

XFBML

```
<div id="fb-root"></div><script
src="http://connect.facebook.net/en_US/all.js#appId=138093909598571&amp;x
fbml=1"></script><fb:like href="http://www.kentico.com" send="true"
width="450" show_faces="true" font=""></fb:like>
```

Okay

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3. Open Notepad and modify the code that you copied from Step 2 to the following

```
<div id="fb-root"></div><script  
src="http://connect.facebook.net/en_US/all.js#appId=139386892805281&a  
mp;xfbml=1"></script><fb:like href=<%#  
Server.UrlEncode(GetAbsoluteUrl(GetDocumentUrl())) %>  
layout=standard&amp; send="true" width="450" show_faces="true"  
font=""></fb:like>
```



What did we do?

By default Kentico CMS will create user friendly URL's. When we completed the code wizard on Facebook we simply entered a website name. However, we won't know the exact URL of a document until it is published. When we changed the statement **<fb:like href=http://www.kentico.com** to **<fb:like href=<%# Server.UrlEncode(GetAbsoluteUrl(GetDocumentUrl())) %>** this code when used in a transformation accesses the current document URL of the page and then supplies this to the Facebook Like button.

Lab 2: Updating the Blog Post Transformation

1. Log into **CMS Site Manager** as **Administrator**, select the **Development** tab, select **Document types**, and click the **Edit** icon for the **Blog Post** document type as shown in the following screenshot

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The screenshot shows the Kentico CMS Site Manager interface. The top navigation bar includes 'Sites', 'Administration', 'Settings', 'Development' (highlighted with a red box), 'Licenses', and 'Support'. The left sidebar lists various development tools, with 'Document types' highlighted by a red box. The main content area is titled 'Document types' and features a 'New document type' button. Below this, there are input fields for 'Display name' and 'Code name', both set to 'LIKE', and a 'Show' button. A table lists existing document types with their actions (edit, delete, add) and code names.

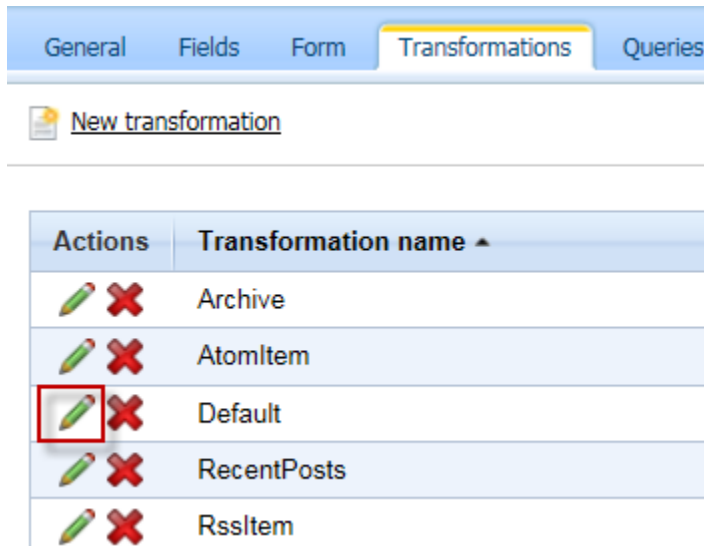
Actions	Display name ▲	Code name
	Article	CMS.Article
	Blog	CMS.Blog
	Blog month	CMS.BlogMonth
	Blog post	CMS.BlogPost
	Cell phone	CMS.CellPhone

2. Select the **Transformations** tab as shown in the following screenshot

The screenshot shows the 'Document type properties' window for the 'Blog post' document type. The 'Transformations' tab is selected and highlighted with a red box. The other tabs are 'General', 'Fields', and 'Form'.

3. Click the **Edit** icon for the **Default** transformation as shown in the following screenshot

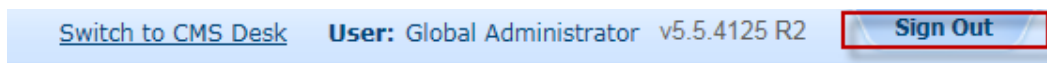
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4. In the Transformation **Code** textbox enter the final code from **Lab 1** (paste the code between the **
** tags) as shown in the following screenshot and then select **Save**

```
<br/>
<div id="fb-root"></div><script
src="http://connect.facebook.net/en_US/all.js#appId=139386892805281&xfbml=1"></script><fb:like href=<%# Server.UrlEncode(GetAbsoluteUrl(GetDocumentUrl())) %> layout=standard&amp;send="true" width="450" show_faces="true" font=""></fb:like>
<br/>
```

5. Click the **Sign Out** button from **Site Manager** as shown in the following screenshot



6. From the Live site select the **Blogs** menu item and then click the **My Blog** menu item as shown in the following screenshot



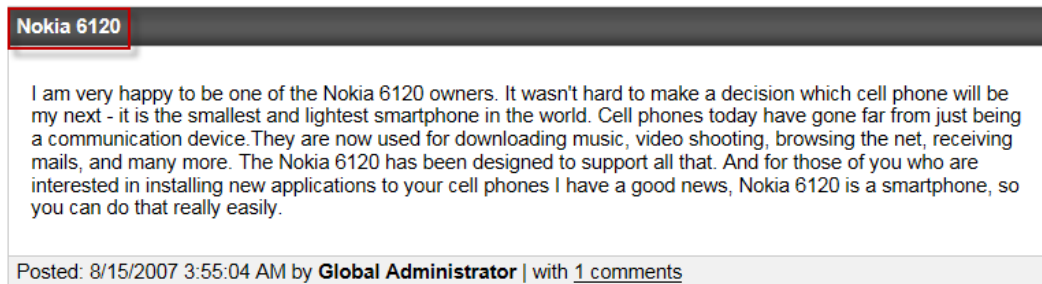
Blogs

Blogs

This page displays a list of blogs. You can have any number of blogs on your web site. Each blog post can be managed through the CMS Desk interface any other documents and you're running a corporate blog.

My blog

- Click the **Nokia 6120** blog item as shown in the following screenshot

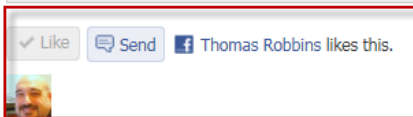


- Validate that you see the **Like** button as shown in the following screenshot

Nokia 6120

I am very happy to be one of the Nokia 6120 owners. It wasn't hard to make a decision which cell phone will be my next - it is the smallest and lightest smartphone in the world. Cell phones today have gone far from just being a communication device. They are now used for downloading music, video shooting, browsing the net, receiving mails, and many more. The Nokia 6120 has been designed to support all that. And for those of you who are interested in installing new applications to your cell phones I have a good news, Nokia 6120 is a smartphone, so you can do that really easily.

Posted: 8/15/2007 3:55:04 AM by **Global Administrator** | with [1 comments](#)
Filed under: [Symbian](#), [Nokia](#)



Summary

In this set of Hands on Labs we have looked at how to add Facebook support for the Recommend buttons using both a Static text web part and page template. We also looked at how we can dynamically extend the Blogs module transformation to include a Like button. Specifically we covered the following.

- Identifying key Facebook resources
- Implementing a Facebook Recommend button using the Static text web part
- Implementing a Facebook Recommend button as part of a page template
- Implementing a Facebook Like button as part of the Blog post default transformation

Key Resources:

- <http://developers.facebook.com/docs/coreconcepts/>
- <http://developers.facebook.com/docs/reference/plugins/like/>