

Oracle® Universal Content Management

Site Studio Tutorial Setup Guide

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Preface

The Site Studio Tutorial Setup Guide contains information to assist administrators responsible for the installation of the Ravenna Hosting Tutorial. This guide provides introductory information, configuration notes, and installation instructions.

Audience

This document is intended for administrators, developers, and instructors. It includes information specific to installing the Ravenna sample website for Site Studio.

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For more information, see the following documents in the Oracle Site Studio documentation set:

- *Oracle Site Studio Installation Guide*
- *Oracle Site Studio Tutorial*
- *Oracle Site Studio Contributor Guide*
- *Oracle Site Studio Designer Guide*
- *Oracle Site Studio Manager Guide*
- *Oracle Site Studio Technical Reference Guide*
- *Oracle Site Studio Release Notes*

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Introduction

Welcome to the Site Studio sample site, "Ravenna Hosting," and the tutorial. This guide walks you through the steps to install, configure, and view the sample site and tutorial.

Before reading the guide, you should have read the Site Studio Designer Guide and the Site Studio Contributor Guide, and installed both Site Studio Designer and Contributor.

This section covers the following topics:

- ["About the Ravenna Hosting Demo Web Site"](#) on page 1-1
- ["About the Tutorial"](#) on page 1-1
- ["Location of the Tutorial Files"](#) on page 1-2
- ["System Requirements"](#) on page 1-2

1.1 About the Ravenna Hosting Demo Web Site

The Ravenna Hosting Demo Web Site is a site designed to be used as a sandbox to familiarize the designated Designers and Contributors with the multiple tools that Site Studio offers. The sample web site depicts a fictitious web hosting company called "Ravenna Hosting." It was created with Site Studio, and it contains many features commonly found on web sites today. As you go through the site, you begin to see Site Studio technology at work, including the use of layout pages, fragments, and contribution regions.

Once the sample site is installed on the content server, you can view it in a web browser, make changes to the site using Site Studio Contributor, and even change the entire site using Site Studio Designer. You may find that you want to copy certain features or best practices and incorporate them on your own site.

Setting up all parts of the Ravenna website is a simple process, and is detailed in this document.

1.2 About the Tutorial

The Tutorial that accompanies the site explains how the site was created, how layout pages and fragments are used, the contribution model, and more.

The Tutorial is available as a context-sensitive Help system that can be opened directly from the site when the site is viewed in Contributor mode. Simply browse the site until you see a feature that interests you, enable Contributor mode, and click the Help icon beside that feature.

The Tutorial is also available in PDF so that you can print it out and read it from beginning to end.

1.3 Location of the Tutorial Files

The Ravenna Hosting site, as well as the tutorial for the Ravenna site, are available in the `\Documentation\RVH_Tutorial` folder in the Site Studio distribution package.

This folder contains the following items:

Item	Description
Site Studio Tutorial Setup Guide.pdf	The setup instructions (this guide)
RavennaHosting.zip	The Ravenna Hosting sample site
tutorial	Folder containing the tutorial Help files

1.4 System Requirements

To successfully set up and view the Ravenna Hosting sample site and tutorial, you need to have the following:

- Site Studio version 10gR3 (the SiteStudio component, Designer, and Contributor)
- Content Server version 10gR3 with the CS10gR3CoreUpdate patch. If you have not already installed the patch, it is available from Oracle Metalink (<http://metalink.oracle.com>).

Note: The content server must be set up for full-text search and indexing. See the Content Server installation documentation for instructions.

- The DBSearchContainsOpSupport component installed and enabled on the content server (required)
- The CheckOutAndOpenInNative component installed and enabled on the content server (optional for checking out the native documents).

Note: You can select these components during the Content Server software installation (they are not installed by default), or you can install them manually at a later time. You can find the component zip files in the `packages/allplatform` directory of the Content Server software distribution package.

- Dynamic Converter version 10gR3 (for the native documents on the site)
- A web browser capable of viewing a JavaScript rendition of Help (the tutorial)
- Adobe Acrobat Reader to view the PDF version of the tutorial

For more information on system requirements, including version numbers, see the product installation guides.

Setting Up the Sample Site and Tutorial

The Ravenna Hosting site was first viewed conceptually in terms of its purpose, design, and content; all things that can be derived from a company's brand and product line.

Once the purpose, design, and content are mapped out, you can address the technical details that make up the site architecture.

The sample site and tutorial can be set up very quickly in part because the site is packaged as a backed-up web site that can be easily restored on a content server using the backup and restore features in Site Studio.

All you have to do is configure your content server with a handful of metadata content types and then restore the site using the backup and restore feature in Site Studio. This process consists of three steps:

- ["Step 1: Configure Content Server"](#) on page 2-1
- ["Step 2: Install the Ravenna Hosting Web Site"](#) on page 2-5
- ["Step 3: Copy the Tutorial Help to Content Server"](#) on page 2-8

Note: Before you set up the sample site and tutorial, we recommend using a clean installation of Content Server, where there are no other web sites or sensitive documents stored—including previous versions of the Ravenna Hosting site.

2.1 Step 1: Configure Content Server

The Ravenna Hosting sample site was originally set up in a content server that included several content types used by the site. Before you set up the sample site and tutorial, you need to add these content types so that the site will work on your content server.

Once you do this, you may want to perform additional configuration steps on the content server to ensure you have a smooth experience with the Ravenna Hosting site. These steps are described next:

- ["Adding New Content Types"](#) on page 2-2
- ["Turning Off Revision Labels"](#) on page 2-3
- ["Setting Up Thumbnail View in Content Server"](#) on page 2-4

Note: To view all of the details of the content server where the Ravenna Hosting site was originally set up, you can open the Server Configuration Details page of the Ravenna Hosting site once it is uploaded. (For more information, see the Site Studio Designer Guide.)

2.1.1 Adding New Content Types

The Ravenna Hosting demo site requires a number of content types to be present in the content server. To add the required content types, perform these tasks:

1. Log on to the content server as an administrator.
2. Open the **Administration** tray.
3. Click **Configuration Manager**.
4. From the **Options** menu, select **Content Types**.

The Content Type window is displayed.

5. Click **Add**.

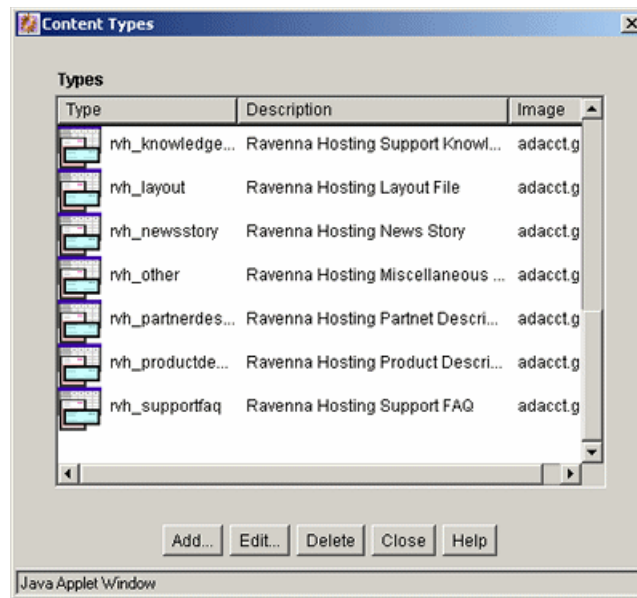
The Add New Content Type dialog is displayed.

6. Enter the names and descriptions listed in the table below. Any image can be selected; it is merely an icon for visual identification by type. Exit Configuration Manager when finished.

important: If you misspell the content types, you will encounter errors during setup. You may want to copy and paste from this table to ensure accuracy.

Name	Description
rvh_download	Ravenna Hosting Download File
rvh_fragments	Ravenna Hosting Fragment Library
rvh_image	Ravenna Hosting Image File
rvh_knowledgebasearticle	Ravenna Hosting Support Knowledge Base Article
rvh_layout	Ravenna Hosting Layout File
rvh_newsstory	Ravenna Hosting News Story
rvh_other	Ravenna Hosting Miscellaneous File
rvh_partnerdescription	Ravenna Hosting Partner Description
rvh_productdescription	Ravenna Hosting Product Description
rvh_supportfaq	Ravenna Hosting Support FAQ

When you finish adding the content types, Configuration Manager should look something like this:

Figure 2-1 Ravenna Hosting Content Types in Configuration Manager

2.1.2 Turning Off Revision Labels

The Ravenna Hosting web site was originally set up on a content server where revision labels were turned off. If you currently have revision labels turned on, you will want to disable them. Otherwise, you may experience problems with the site.

To turn off revision labels, perform these tasks:

1. Log on to the content server as an administrator.
2. Open the **Administration** tray.
3. Click **Admin Server**.
4. On the Content Admin Server page, click the button of the content server instance that you want to use with the Ravenna Hosting demo web site.

The status page for the content server instance is displayed.

5. In the option list for the server instance, click the **General Configuration** link.

The General Configuration page is displayed.

6. Make sure that the **Major Revision Label Sequence** and **Minor Revision Label Sequence** fields are both empty.

Figure 2–2 Revision Label Sequence Fields on General Configuration Page

General Configuration

Allow override format on check in

Enable download applet

Enable upload applet

Enable search keyword highlighting

Enable Enterprise Search on standard query pages

Automatically assign a content ID on check in

Auto Number Prefix:

Major Revision Label Sequence:

Minor Revision Label Sequence:

Enable Java Server Page (JSP)











JSP Enabled Groups:

7. Click **Save**.
8. If you made a change to the revision label sequences, restart the content server.

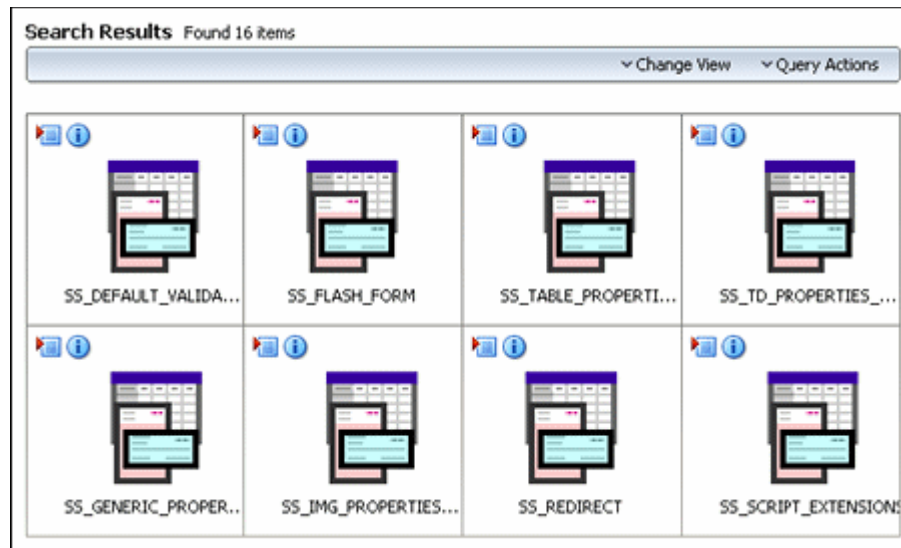
2.1.3 Setting Up Thumbnail View in Content Server

This step is optional but useful if you want to add images to the site. When you add a content item to a Site Studio web site, you search the content server for each file. Unfortunately, the default search results template does not allow you to preview the image before you add one because the content server only displays the metadata of the file, like its content ID, title, and date (Figure 2–3).

Figure 2–3 Search Results Without Thumbnails

Search Results Found 16 items				
Change View Query Actions				
ID	Title	Date	Author	Actions
SS_DEFAULT_VALIDATION	SS_DEFAULT_VALIDATION_SCRIPT	5/3/07	sysadmin	 
SS_FLASH_FORM	SS_FLASH_FORM	5/3/07	sysadmin	 
SS_TABLE_PROPERTIES_FC	SS_TABLE_PROPERTIES_FORM	5/3/07	sysadmin	 
SS_TD_PROPERTIES_FORM	SS_TD_PROPERTIES_FORM	5/3/07	sysadmin	 
SS_GENERIC_PROPERTIES	SS_GENERIC_PROPERTIES_FORM	5/3/07	sysadmin	 

You may find it easier to locate your files (especially images) if thumbnails are enabled (Figure 2–4).

Figure 2–4 Search Results With Thumbnails Enabled

You can specify your preferred search results view in your user profile using the Search Template menu (Figure 2–5). This is located on the **My Profile** page on the Content Server.

Figure 2–5 Selecting Search Template View

User Personalization Settings	
Email Format:	html
Layout:	Trays
Skin:	Oracle
Search Template:	Thumbnail View
Search Form Type:	<ul style="list-style-type: none"> Classic View Thumbnail View Headline View
Default Sort Field:	
Default Sort Order:	Descending
Default Result Count:	20

2.2 Step 2: Install the Ravenna Hosting Web Site

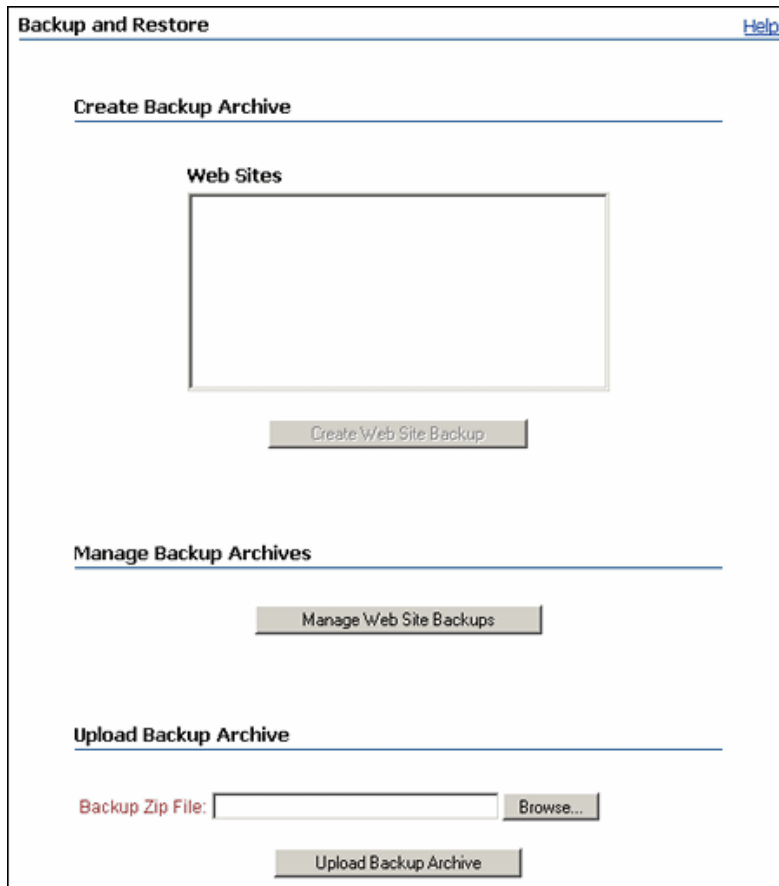
To set up the Ravenna Hosting web site on your content server, use the Site Studio backup and restore feature, which is accessible from the Site Studio Administration page.

To install the Ravenna Hosting site files, perform these tasks:

1. Log on to the content server as an administrator.
2. Open the **Administration** tray.
3. Open the **Site Studio Administration** folder.
4. Click **Backup and Restore**.

The Backup and Restore page is displayed.

Figure 2–6 Backup and Restore Page



5. Click **Browse** to locate the backed-up Ravenna Hosting web site.
The Ravenna Hosting web site is located in the *Documentation\RVH_Tutorial* directory of the Site Studio software distribution package.
6. Select **RavennaHosting.zip** and click **Open** in the Choose File dialog box.
7. Click **Upload Backup Archive**.
This takes you to the Backup Archive Information page, where you see the details of the Ravenna Hosting web site.

Figure 2–7 Backup Archive Information Page

Backup Archive Information [Help](#)

Actions:

Collection: rvh_sitestudiobackupcollection
Archive Name: restore_2007_05_03_12_31_03_598
Archive Description: Restore Archive on 5/3/07 12:31 PM

Web Site: RVH
Archive Type: backup
Last Exported: 3/21/06 10:04 AM
Last Imported:
Last Export File Count: 346
Has Server Configuration Information: TRUE
Export Content Configuration Information: TRUE

Batch Files

Batch File	Instance Name	Number	State
06-mar-21_10.04.03_083/0680100403~1.	rvh	346	NEW

8. Choose **Restore backup archive contents** in the **Actions** dropdown menu.
9. Click **OK** for the confirmation prompt.
You will see the progress of the restore on this page.

Figure 2–8 Progress of Restore Operation

ORACLE

The archiving operation has been initiated for the archive shown below:

Name: restore_2007_05_03_12_50_25_770
Operation: Restore

Current Archiver Status

Percentage Complete: 8%

Archiver Message: Importing
'restore_2007_05_03_12_50_25_770' in
'stellent_sitestudiobackupcollection':
Processing content item
rvh_location_sanfrancisco1

10. Wait for the Archiver status to reach 100% and then click **Back**.

Note: Once the Ravenna Hosting site is restored, you need to wait for the content server to fully index the site. Only then will it display properly in a web browser. You can force an index rebuild from Repository Manager.

2.3 Step 3: Copy the Tutorial Help to Content Server

The next step after setting up the Ravenna Hosting site is to copy the tutorial documentation to the content server. The tutorial accompanies the site by providing Help icons (Figure 2-9) beside each feature so that you can learn more about that feature in the context of the site. (The Help icons appear when the site is viewed in Contributor mode.)

Figure 2-9 Help Icon



To copy the tutorial files to the content server, perform these tasks:

1. Open the **Documentation** directory in the Site Studio software distribution package.
2. Open the **RVH_Tutorial** folder, and then select and copy the **tutorial** subfolder.
3. Log on to the content server where the Ravenna Hosting site resides.

Note: You will need access to the server's file system and as such may need to log on to the server directly.

4. Browse to the following location (where *[CS-Dir]* is the installation directory of the content server instance:

```
[CS-Dir]\weblayout\help\sitestudio\
```

5. Paste the **tutorial** folder (selected for copy in step 2) into this directory.

Viewing the Sample Site and Tutorial

The Ravenna Hosting site demonstrates a number of popular features found on most web sites today, such as a dynamic menu, site map, breadcrumbs, dynamic list, and full-text search. More importantly, it demonstrates each feature with Site Studio. Once the Ravenna Hosting site set up, you can view all of these features, how they all work together, and how they are used by Site Studio Designer as well as Contributor. After you set up the site and tutorial, you can view both from the content server.

This section covers the following topics:

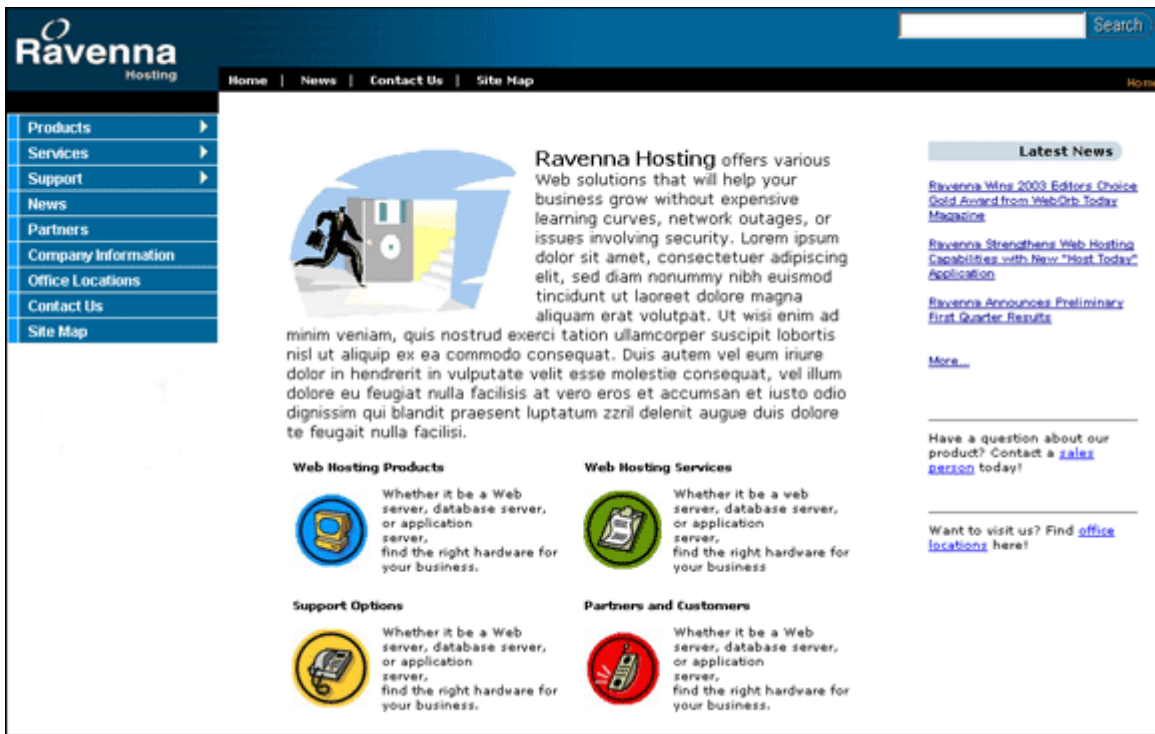
- ["Viewing the Ravenna Hosting Web Site"](#) on page 3-1
- ["Viewing the Tutorial"](#) on page 3-3
- ["Opening the Site in Contributor and Designer"](#) on page 3-4

3.1 Viewing the Ravenna Hosting Web Site

After you set up the Ravenna Hosting site and the site has been indexed by the content server, you can begin viewing it in a web browser and learning more about how it was built.

When you open the site, the first thing you see is its home page ([Figure 3-1](#)).

Figure 3–1 Home Page of the Ravenna Hosting Site



The site has many features commonly found on web sites today, like an expanding and collapsing navigation menu, a search box, a dynamic list of links, and breadcrumbs. When you want to learn more about a particular feature, enable Contributor mode (by pressing Ctrl+Shift+F5) and click the associated Help icon beside that feature.

You can get to the home page using one of the following methods:

- ["Using the Web Sites Tray or Menu in Content Server"](#) on page 3-2
- ["Using the Ravenna Hosting URL"](#) on page 3-3

You can also view the site from Designer once you create a site connection (see ["Opening the Site in Contributor and Designer"](#) on page 3-4).

3.1.1 Using the Web Sites Tray or Menu in Content Server

If Site Studio is installed on the server, you can view the Ravenna Hosting site using the "Web Sites" tray or menu (depending on your selected layout).

To use the Web Sites menu, perform these tasks:

1. Log on to the content server where the Ravenna Hosting site resides.
2. Open the **Administration** tray.
3. Click **Web Sites** and choose **Ravenna Hosting Tutorial**.

Figure 3–2 Web Sites Tray (in the Default Trays Layout)

4. This opens the home page of the Ravenna Hosting web site.

3.1.2 Using the Ravenna Hosting URL

In addition to using the Web Sites tray or menu in the content server interface, you can also use the actual URL of the Ravenna Hosting web site to view it.

To use the Ravenna Hosting URL, open a web browser and use the following URL:

http://[CS-Instance]/RVH

(where *[CS-Instance]* is the name of your content server.)

Note: You can also use a domain name to access a Site Studio web site (see the Site Studio Designer Guide).

3.2 Viewing the Tutorial

The tutorial that accompanies the Ravenna Hosting site describes how the site was built and how its features use Site Studio technology. When you view the web site in Contributor mode, you see individual Help icons (Figure 3–3) on the web page.

Figure 3–3 Help Icon

Each Help icon appears beside a feature on the site. To learn more about that feature, click the Help icon (Figure 3–3).

Figure 3–4 Tutorial Help Icon for the Search Feature

This opens the tutorial, where you can learn more about the feature or browse to other topics in the tutorial.

The tutorial is available as a Help system and as a PDF file.

3.3 Opening the Site in Contributor and Designer

Once you set up the Ravenna Hosting site on the content server, you can view the site and make changes to the site using Site Studio Contributor (see "Contributor" on page 3-4) and Site Studio Designer (see "Designer" on page 3-4).

3.3.1 Contributor

To view the site in Site Studio Contributor, simply enter Contributor mode (by pressing the assigned keystroke combination, which is Ctrl+Shift+F5 by default) and click the edit icon (with the pencil) within the contribution graphic (Figure 3–5) beside the region that you would like to edit.

Figure 3–5 Contribution Graphic



3.3.2 Designer

To view the site in Site Studio Designer, you need to create a site connection in Designer that is used to connect to the web site:

1. From the **Start** button, select **Programs**, then **Oracle Universal Content Management**, then select **Site Studio 10gR3**, then **Site Studio Designer** to start the application.
2. Click the **Site Connection Manager** icon (Figure 3–6) on the toolbar (or click **File**, then **Site**, and select **Connection Manager**).

Figure 3–6 Site Connection Manager Icon



The Site Connection Manager dialog is displayed.

3. Click **New** in the Site Connection Manager dialog box.

The Site Connection Details dialog is displayed.

4. In the **Server Cgi URL** text box, enter the address of the content server where the site is located. The field will be pre-populated with a Cgi URL defined by the Content Server, similar to this:

```
http://[CS-Instance]/idcplg
```

(where *[CS-Instance]* is the name of your content server.)

Enter the address for *[CS-Instance]* and continue.

5. Click **Connect** (and enter your login credentials when prompted).
6. Beside Site Label, choose **Ravenna Hosting Tutorial** from the dropdown list:

Figure 3-7 Site Label List

7. A connection name is automatically generated. You can use this name or specify a new one.

The connection name does not appear anywhere on the site. It is simply the name of the connection used by Designer to connect to the site.

8. Click **OK** to close the Site Connection Details dialog and click **Done** to close Site Connection Manager.

Designer will automatically connect to the site (assuming the "Automatically connect when done" check box was selected in Site Connection Manager).

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* zlib.h -- interface of the 'zlib' general purpose compression library version
1.2.3, July 18th, 2005
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