

Content Server DTM Server & HTML Preview  
Administration Guide  
10g Release 3 (10.1.3.3.0)

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Content Server DTM Server & HTML Preview Administration Guide, 10g Release 3 (10.1.3.3.0)  
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# Table of Contents



## **Chapter 1: Introduction**

Overview .....	1-1
Product Overview .....	1-1

## **Chapter 2: Installation**

Overview .....	2-1
Before You Begin .....	2-1
Installation: Windows .....	2-2
Install the DtmServer .....	2-2
Add the Preview Provider .....	2-3
Testing HTML Preview .....	2-5
Troubleshooting HTML Preview .....	2-6

## **Chapter 3: Using HTML Preview**

Overview .....	3-1
Previewing a Content Item .....	3-1
Using HTML Preview with HTML Forms .....	3-2

## Table of Contents

# INTRODUCTION

## OVERVIEW

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This section covers the following Topics:

- ❖ [Product Overview](#) (page 1-1)

## PRODUCT OVERVIEW

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HTML Preview provides content contributors with instant feedback on how their content will display on the published web site. This enables the contributors to modify the original content (if they do not like the published results) before the content is actually checked in. For example, you may need to modify the content because it contains a different structure or formatting, or was assigned the wrong style sheet. The ability to preview saves the contributor from doing another revision on that content. Using HTML Preview also helps the contributor to ensure that the correct metadata is assigned for the content. By performing the preview, the contributor can review the metadata values.

To use HTML Preview, click the Preview button during the check-in process, and a URL is returned with the results of the HTML conversion and template application. If the content results in multiple published pages, a list of other URLs will also be presented to the contributor to view all resultant pages. If you do not like the published results, you have the ability to modify their original content. However, you cannot modify the templates or project files.



**Note:** HTML Preview requires Oracle Content Publisher. Contact your system administrator to determine whether your company has licenses for this product.

# INSTALLATION

## OVERVIEW

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This section covers the following topics:

- ❖ [Before You Begin](#) (page 2-1)
- ❖ [Installation: Windows](#) (page 2-2)
- ❖ [Testing HTML Preview](#) (page 2-5)
- ❖ [Troubleshooting HTML Preview](#) (page 2-6)

## BEFORE YOU BEGIN

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These preliminary installations must be completed before proceeding with the installation of HTML Preview:

- Content Server: supported Microsoft Windows Server or supported UNIX system
- Content Publisher (CP): supported Microsoft Windows system



**Note:** Installation of Content Publisher ensures that the TCPreview.exe module is correctly configured and functional.



## INSTALLATION: WINDOWS

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Installation of HTML Preview is contingent on the installation of Content Publisher and the DtmServer. The DtmServer is run as a service and is used to communicate to TCPreview to generate the required information. The DTMServer can also be run from a Command Prompt.

The DtmServer and Content Publisher must be installed on the same Windows system.



**Important:** Although the Content Server may be installed on a UNIX machine, the Content Publisher and DtmServer can ONLY be installed on a Windows system.

### Install the DtmServer

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Follow these steps to install the DtmServer for HTML Preview:

1. Open the Content Server software release directory and navigate to the /DtmServer/win32/ directory.

2. Double-click *Setup.exe*.

The Welcome screen is displayed.

3. Click **Next**.

The License Agreement Screen is displayed.

4. Click **Yes**.

The Select an Option screen is displayed.

5. Select **Install DTM Server**.

6. Click **Next**.

The Java Virtual Machine Options screen is displayed.

7. Select the JVM to use and click **Next**.

The IP Security Filter screen is displayed.

8. Enter a security filter for the Content Server port.



**Note:** Add a | (pipe) followed by the IP address for your Content Server. For example, 127.0.0.1|10.10.0.10, where 10.10.0.10 is the IP address for your Content Server. If you change this setting, you will need to restart your DTM Server and Content Server.

9. Click **Next**.

The System Workflow Configuration screen is displayed.

10. Enter the mail server and admin e-mail address.

11. Click **Next**.

The DTM Server Name and Port screen is displayed.

12. Enter a name for the DTM server and the port the server should listen on. For example 4400.

13. Click **Next**.

The Enter Content Publisher Path screen is displayed.

14. Enter the path where Content Publisher is installed. For example: C:\Program Files\Content Publisher\.

15. Click **Next**.

The Choose Destination Location screen is displayed.

16. Specify where to install the DTM Server.



**Caution:** Do not install into the root of your Content Server instance. For example, install to `stellent` as opposed to `stellent\idcm1`. Installing into the root of your Content Server instance may overwrite critical directories like: `bin`, `config`, `data`, `weblayout`, `vault`, `install`, and `shared`. (For a production instance, it's unlikely your Content Server would be on the same system as your Publisher/Dtm Server.)



**Important:** Do not install the DTM Server into a path that contains spaces. This is primarily important for TCPreview.

17. Click **Next**.

The Start Copying Files screen is displayed.

18. Click **Next**.

The Setup Status screen is displayed. After the DTM server is successfully installed, the Complete screen is displayed.

19. Click **Finish**.

## Add the Preview Provider

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1. From the Content Server home page, click the **Administration** tray.

2. Click the **Providers** link.
3. In the Create a New Provider table, click **Add** in the column next to the “Preview” provider.
4. Fill in the information as shown below:

Field	Value
Provider Name	Preview
Provider Description	HTML Preview
Provider Class	intradoc.provider.SocketOutgoingProvider
Connection Class	intradoc.provider.SocketOutgoingConnection
Configuration Class	
Server Host Name	<p>If you are running the DTM server on a system that is not running Content Server, enter the name of the server on which the DTM server is running.</p> <p>If you are running Content Server, Content Publisher, and the DTM server on the same system, you can enter localhost as the server host name.</p>
HTTP Server Address	<p>If you are running the DTM server on a system that is not running Content Server, enter the value listed for <b>HTTP Server</b> on the Configuration Information page of the server on which the DTM server is running.</p> <p>If you are running Content Server, Content Publisher, and the DTM server on the same system, use the value listed for <b>HTTP Server</b> on this server’s Configuration Information page.</p>
Server Port	4400

5. Click **Add**.
6. Restart the Content Server.

## TESTING HTML PREVIEW

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To use HTML Preview with Content Publisher, it is necessary to first configure your Content Publisher to work with Content Server and register a Content Publisher project. Refer to the Content Publisher documentation for more information.

Follow these steps to set up Content Publisher and project registration and review the Preview function.:

1. In the Content Server, check in a content item to use as a test.
2. Select **Start—Programs— Content Publisher— Site Builder**.
3. If the Startup Screen is displayed, click **Cancel**.
4. Choose the <unnamed> publication folder, and select **Add—Document**.  
The Select a Repository screen is displayed.
5. Choose the *Content Server* option, and click **OK**.  
A login prompt is displayed.
6. Login with a valid Content Server username and password.  
The Content Server search page is displayed.
7. Perform a search for the test content item that you checked in step 1.
8. Select the check box corresponding to the test content item.
9. Click **Add Selected to Publisher Project**.
10. Select any template., and click **OK**.
11. Select **File—Save**.  
The Select a Repository screen is displayed.
12. Choose the *Content Server* option, and click **OK**.  
The *Project Check In* screen is displayed.
13. Type a title for your project and click **Assign Info**.  
The Content Publisher screen is redisplayed.
14. Select **View—Project Registration**.
15. Double-click the red X in the *Preview* column to change it to a green checkmark.
16. Click **OK**.

17. Select **File—Save**.  
The *Project Check In (New Revision)* screen is displayed.
18. Click **Assign Info**.
19. In the Content Server, check out the test content item (not the project) that was added to the project.
20. Click **Check In** on the Check Out Confirmation page.
21. Enter the Primary File to be previewed.
22. Click **Preview**.  
A list of projects is displayed.
23. Click the document link.  
A project preview screen is displayed.
24. To complete the checkin, click the **Complete Check In** link. To go back the list of preview projects, click the **Preview List** link.

## TROUBLESHOOTING HTML PREVIEW

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This section lists some common troubleshooting procedures associated with HTML Preview.

### ***Error message states that content does not match Project criteria.***

This error message typically indicates that the document you are checking in does not match the criteria of any of the registered projects. Reexamine the metadata applied to the document to ensure that the metadata matches the criteria of the project.

### ***Error checking in a project***

If you are unable to check in a project, verify that the name of your instance in the registry is correct by following these steps:

1. Select **Start—Run**. Type *regedit* and press the Enter key. The Registry Editor displays.
2. Expand **HKEY\_LOCAL\_MACHINE—SOFTWARE—Stellent—Content Publisher—Repository—6.0—Stellent—CS List—IDC\_Name**.

3. Enter the IDC\_Name.



**Note:** To view your server's IDC\_Name, go to the Administration page and click the Configuration Information link. The Server Name indicates the IDC\_Name.

4. The CgiURL registry value must have a REG\_SZ Data entry equal to the value returned in the URL area of your instance when you click the **Search** icon in the portal area.
  - If this registry value does not exist, a new project must be created or a “save as” must be performed on the old project into the correct SCS instance.
  - If this value is not correct, copy and paste the portion up to, but not including the “?”. For example, http://server1.stellent.com/idcplg.

### ***Error message states that the system is not configured for Preview.***

- If you receive an error message that the system is not configured for Preview, this indicates the Provider has not been set up. Refer to the instructions *Add the Preview Provider* for additional information.
- Ensure that the provider is configured correctly. From the Administration page go to the Providers list. Click **Test** for the Preview Provider. The Connection State should be “good.”

### ***Error message states that the Preview path is undefined.***

- Ensure that the Preview Path in the <stellent>/dtm1/bin/intradoc.cfg file is set to the location of TCPreview.

```
PreviewPath=<SCP install directory>/TCPreview.exe
```

### ***The DtmServer fails to start.***

- If the DtmServer does not start, check the log files located in the directory:
- <DTMServer\_install\_dir>/bin/DtmServerNT.log
- A DTM configuration value in the <stellent>/dtm1/bin/intradoc.cfg file may need to be added or changed. The configuration value should be set to:
- DtmPort=4441
- If you change the DtmPort value, make sure to change the preview provider's Server Port as well. If you edit the provider, restart the server and check your provider to make sure the connection is “good.”



# USING HTML PREVIEW

## OVERVIEW

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This section covers the following topics:

- ❖ [Previewing a Content Item](#) (page 3-1)
- ❖ [Using HTML Preview with HTML Forms](#) (page 3-2)

## PREVIEWING A CONTENT ITEM

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To preview a content item using HTML Preview, complete the following steps:

1. Set up a project in Content Publisher. The document must be associated to the project.
2. Access the New Check In function to check in a content item.
3. Complete the required fields of the Content Check In Form.
4. Click **Preview**.

The browser window displays a Preview List for the selected item.

5. Click the appropriate content item hyperlink in the Preview List table that corresponds to the project to view.

The content item is displayed in the browser window. A frame on the left side of the browser window displays the title “Preview” and the options: Complete Check In and Preview List.



## USING HTML PREVIEW WITH HTML FORMS

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You now have the ability to preview HTML forms in the content server. To allow a form to be previewed, the following must be added to the form:

1. Add JavaScript to switch between form submittal and preview:

```
function doSubmit (form, isPreview)
{
  if (isPreview)
  {
    form.IdcService.value="CACHE_SUBMIT_HTML_FORM";
  }
  else
  {
    form.IdcService.value="SUBMIT_HTML_FORM";
  }
  form.submit();}
```

2. Add the Preview button.

```
<input type=button name=Preview value="Preview" onClick="doSubmit(this.form,
true)">
```

3. Change the Submit button to go through the JavaScript function.

```
<input type=button name=Submit value=" Submit " onClick="doSubmit(this.form,
false)">
```

4. If auto numbering is enabled, a *PreviewDocName* field needs to be added. This field is used to generate a name for the form during preview. Idoc Script should be used to generate this name, so that multiple users will not collide on a preview of a form.

For example, add the following:

```
<input type=hidden name="PreviewDocName"
value="<!--$dateCurrent()*1-->">
```

This will create an integer based on the current time.



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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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