

Stellent[®] Content Integration Suite

UCPM Tag Library Guide



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CHAPTER 1

Introduction

The information contained in this guide is subject to change as product technology evolves and as hardware and operating systems are created and modified.

Due to the technical nature of browsers, databases, web servers, and operating systems, Stellent, Inc. cannot warrant compatibility with all versions and features of third-party products.

In this section:

- About this guide
- Product overview
- Conventions used in this guide
- CIS Administration Application Help system

About this guide

The UCMP Tag Library Guide provides conceptual information and specifics on the Universal Content and Process Management (UCPM) Tag Library.

This guide is intended for application developers and integrators who wish to access Stellent Content Server functions from an application server, portal server, JavaServer Page (JSP), or application using the UCPM Tag Library via the Content Integration Suite (CIS).

This guide assumes that you are familiar with JavaServer Pages (JSPs), JSP tag libraries in general, servlets, and .java files. For information on these topics refer to the technical resources areas on the Sun Microsystems and JSP technology and servlet websites.

Product overview

The Stellent Universal Content and Process Management (UCPM) Tag Library is provided to simplify JavaServer Page (JSP) development. By using the UCPM Tag Library, application developers can focus on presentation issues rather than being concerned with how to access the core services of Stellent Content Server and/or Stellent Image Server via the UCPM API layer of the Content Integration Suite (CIS).

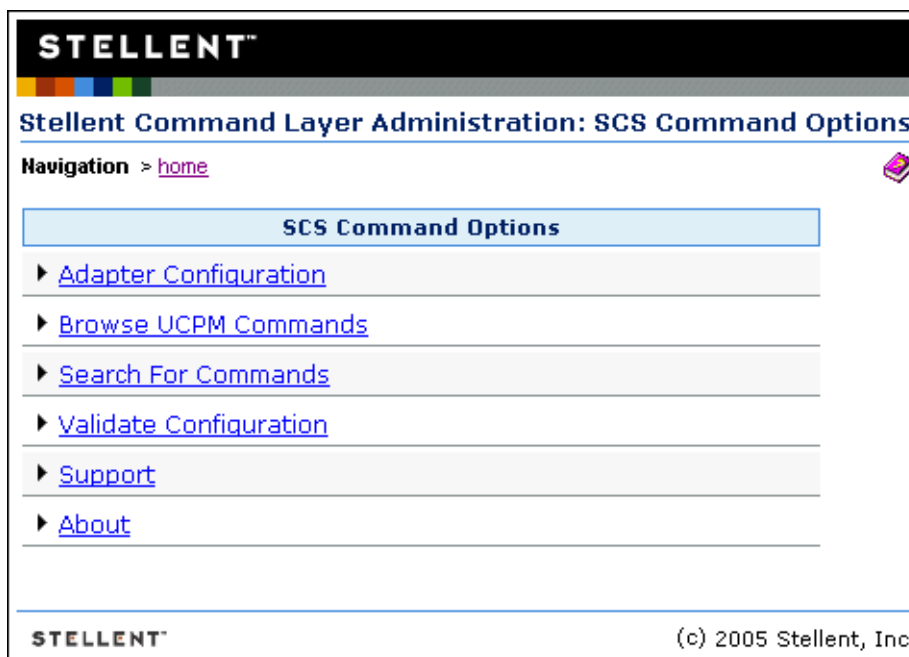
Conventions used in this guide


This guide contains the following conventions:


Convention	Definition
Bold	Indicates an item that you select in the interface, such as a button or menu, in order to perform a specific task. For example, "Click OK ."
>	Indicates a menu choice. For example, "Choose File > Open " means "Click the File menu, and then click Open ."
Code	Indicates the actual code used.

CIS Administration Application Help system

If you need assistance with the CIS Administration Application, the installation guide is available in both online Help and PDF. The Help system consists of individual Help topics in HTML format. You can view the Help system in a web browser such as Internet Explorer or Netscape Navigator, and you can use conventional web browser controls to navigate and view the Help topics (Back, Forward, Refresh, and so on).



Click the **Help**  icon to view the online help. Each dialog box has a Help button that takes you directly to a topic that provides descriptive information on the functionality of that dialog box.








On the Help topic, click the **Show Navigation**  button in the navigation bar to view the complete CIS Installation Guide online (includes the contents of the Help system in the appendix).

The online Help contains the following navigation options:

- **Contents:** The Contents tab contains an expandable list of Help topics. Click a book icon to expand or collapse that section of the Help system and then select the desired Help topic to view a topic.
- **Index:** The Index tab provides immediate access to individual Help topics by keyword.
- **Search:** The Search tab provides a full-text search of the Help system. Type the word or phrase you are looking for and then click **Go** (or press Enter on your keyboard).
- **Favorites:** The Favorites tab provides a means to save topics that you have found useful and anticipate viewing again. (When viewing such a topic, click **Favorites** and then click **Add** to add the topic to your Favorites list.)

Note: The Favorites tab does not display if your browser doesn't support the Java applet used by the Help system (see).

The online Help also includes a toolbar with the following options:

Toolbar	Definition
	Highlights the title of the topic currently being viewed in the Contents tab. Note: If you open a Help topic by clicking the Help button in a dialog box, the Show Navigation button will be displayed instead..
	Displays the topic that precedes the currently displayed topic. (The order of topics can be seen on the Contents tab.)
	Displays the topic that follows the currently displayed topic. (The order of topics can be seen on the Contents tab.)
	Opens a new, blank email message with the name of the Help topic in the Subject line, addressed to Stellant Technical Support. Please use this feature to provide feedback to Stellant on the topic itself or how the topic is documented.
	Prints the currently displayed topic by using your web browser print feature.
	Opens a PDF version of the CIS Installation Guide (includes the contents of the Help system in the appendix). You can read the PDF version online or print it out, if you prefer.
	Connects to the Stellant web site (www.stellant.com), where you can learn more about Stellant products, upcoming events, and technical support.

Notes

- The Help systems use a secure Java applet to display the Contents, Index, Search, and Favorites tabs. If the Java applet is not installed or enabled in the web browser used to view Help, a JavaScript rendition of Help will display, instead. If both Java and JavaScript are disabled in the web browser, the browser will not be able to display Help.
- The Java applet is not supported by Internet Explorer on UNIX, Netscape 4.x on Macintosh, Netscape 6.x on any platform, or by any machine running a newer version of the Java Runtime Environment (JRE) 1.3.1_02. For these browsers and operating systems, the JavaScript rendition of Help will display (assuming it is not disabled in the browser).

CHAPTER 2

Conceptual information

This section provides conceptual information on the Stellent Universal Content and Process Management (UCPM) Tag Library.

In this section:

- Understanding JSP Tag Libraries
- Tag Library architecture

Important: CIS version 7.6 must be installed. The Universal Content and Process Management API (UCPM API) replaces the architecture used in CIS 7.2 and is not compatible. See “Migrating from version 7.2” in the UCPM API Developer’s Guide for more information ([ucpm-dev-guide.pdf](#)).

Note: See the UCPM Tag Library JavaDoc for information on the Class/Interface, Field, and Method descriptions. The JavaDoc is located in the `/docs/ucpm-taglib-javadoc.zip` file.

Understanding JSP Tag Libraries

The JavaServer Page (JSP) specifications provides for the implementation of actions that can create and access programming language objects and affect the output stream. The JSP specification defines standard actions and reusable modules called custom actions. A custom action is invoked by using a custom tag in a JSP. A collection of custom tags is called a JSP Tag Library.

Using tag libraries simplifies JSP development and allows application developers to focus on presentation issues rather than being concerned with how to access services.

- Tags are used on a JSP to invoke a custom action and encapsulate recurring tasks that can be reused across more than one application.
- Tags can be modified via attributes passed from the calling page, used to customize the response generated by the calling page, and can be nested within one another allowing for complex interactions within a JSP.

Note: See “Overview of the UCPM Tag Library” on page 11 for more information.

Tag attributes

The start tag of a custom action can contain attributes in the form `id="doctype"`. Attributes serve to customize the behavior of a tag just as parameters are used to affect the outcome of executing a method on an object. Tag attributes can be set from one or more parameters in the request object or from a String constant.

For example, the following tag has an attribute named ‘id’, which accepts a string value obtained by evaluating the variable ‘doctype’.

```
<ucpm:doctype id="doctype"/>
```

The values of the attributes can be specified either as attributes of the tag or as elements in the body using the parameter tag . In the following example, the search information (resultCount and sortField) is provided as attributes of the tag:


```
<ucpm:search id="searchone" resultCount="100" sortField="dID">
```

Because a tag can contain custom and core tags, scripting elements, HTML text, and tag-dependent body content between the start and end tag, in many cases you will want to specify the values of the attributes as elements in the body of the tag. In the following example, the search information (resultCount and sortField) is provided as elements in the body using the parameter tag, rather than attributes of the tag:

```
<ucpm:search id="searchone">
  <ucpm:parameter name="resultCount">100</ucpm:parameter>
  <ucpm:parameter name="sortField">dID</ucpm:parameter>
</ucpm:search>
```

When designing or editing your JSPs to include the UCPM Tag Library, you can choose to pass information as elements in the body of the tag or as attributes of the tag. In general, any data that is a simple string or can be generated by evaluating a simple expression is best passed as an attribute of the tag. If you want to include custom tags, scripting elements, or HTML markup (etc.) within the tag you will need to pass information as elements in the body.

Note: See "Using the tags" on page 12 for more information.

Tag Library architecture

Tag Libraries provide several benefits to the web-tier design. For example, they improve the readability of code and markup on a JavaServer Page (JSP) and allow programmers to modify tag classes instead of JSPs without the risk of impacting the page layout and presentation.

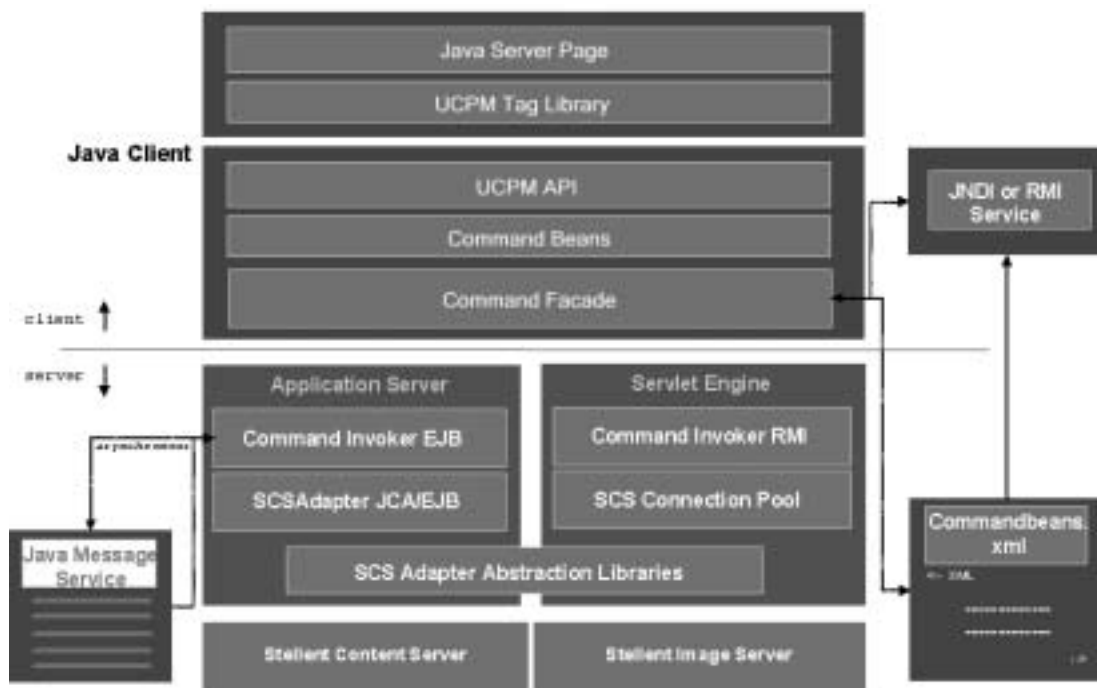
From the JSP, the tag library is referenced by calling the Tag Library Descriptor (.tld) file. This file defines each tag and the associated attribute. When a tag is called the encapsulated action defined by the tag is passed to the Universal Content and Process Management (UCPM) API layer of the Content Integration Suite (CIS). The UCPM API then maps the action the content server and/or the image server for execution and returns the results via the UCPM Tag Library for presentation on the JSP.

The UCPM API provides these three Application Programming Interfaces (APIs):

- Active API for communication to the Stellent Content Server.
- Fixed API for communication to the Stellent Image Server.
- Common API for simultaneous communication to a content server and image server.

This infrastructure is deployable in any J2EE-compliant application server or stand-alone JVM application. When deployed, the UCPM API will leverage the features in the environment whether this is a J2EE application server or a non-J2EE environment.

Note: See "CIS Architecture" in the CIS Installation Guide for more information.



CHAPTER 3

UCPM Tag Library

This section provides a description of the Stellent Universal Content and Process Management (UCPM) Tag Library, information on referencing the tags, and information on using the tags on a JavaServer Page (JSP).

In this section:

- Overview of the UCPM Tag Library
- Using the tags

Important: CIS version 7.6 must be installed. The Universal Content and Process Management API (UCPM API) replaces the architecture used in CIS 7.2 and is not compatible. See “Migrating from version 7.2” in the UCPM API Developer’s Guide for more information ([ucpm-dev-guide.pdf](#)).

Note: See the UCPM Tag Library JavaDoc for information on the Class/Interface, Field, and Method descriptions. The JavaDoc is located in the `/docs/ucpm-taglib-javadoc.zip` file.

Overview of the UCPM Tag Library

The Stellent Universal Content and Process Management (UCPM) Tag Library is provided to simplify JavaServer Page (JSP) development. By using the UCPM Tag Library, application developers can focus on presentation issues rather than being concerned with how to access Stellent Content Server or Stellent Image Server.

Stellent provides the UCPM Tag Library to help developers write JSP files that access the core services of the content server and/or image server. The tag library contains thirty-two tags that can be used on JSPs served by a JSP server to access the content server and/or image server.

Note: See the `IdcCommand Reference Guide` for more information on content server services (`IdcServices`).

- The UCPM Tag Library is bundled in **stellent-cis-taglib-7.6.0.jar**.
- The UCPM Tag Library reference shortname is **ucpm**.

Referencing the tag library

To use the UCPM Tag Library from a JavaServer Page, you must call the JAR file containing the UCPM Tag Library (`stellent-cis-taglib-7.6.0.jar`).

For example:

```
<%@ taglib uri="/WEB-INF/lib/stellent-cis-taglib-7.6.0.jar"
    prefix="ucpm" %>
```

Using the tags

This section provides information on the tag common attributes, error handling, how to display results, and a sample JavaServer Page.

The following topics are covered next:

- Common attributes
- Error handling
- Display of tag results
- Sample JavaServer Page

Common attributes

Each tag contains a number of attributes, however, all tags have two common attributes: *id* and *type*.

id attribute

The *id* attribute is required. The response object of the call made to the content server is stored in the page context of the web server as the value of the ID. This allows other tags in the page to view/use the response of this tag as an input to other services.

For example, this code stores the response in a variable called *doctypes* in the page context:

```
<ucpm:doctypes id="doctypes"/>
```

This code retrieves the response:

```
pageContext.getAttribute("doctypes")
```

type attribute

The *type* attribute is optional. The type of the tag specifies where the values of this tag should be read from.

- When set to ATTRIBUTES, it reads values from the tag attributes and tag body.
- When set to REQUEST, it reads values from the page request object.
- Defaults to ATTRIBUTES.

For example, this code searches for and uses the attributes in the *HttpServletRequest* object to execute the search:

```
<ucpm:search type="request" id="searchone"/>
```

In this code, the *type* is not specified and will default to ATTRIBUTES:

```
<ucpm:search id="searchone" resultCount="100" sortField="dID">  
  <ucpm:parameter name="queryText">  
    <jstlcore:out value="${pageContext.queryString}"/>  
  </ucpm:parameter>  
</ucpm:search>
```

Specifying attribute values

The values of the attributes can be specified either as attributes of the tag or as elements in the body using the parameter tag.

- In this example, the values for `resultCount` and `sortField` are specified as attributes of the tag:

```
<ucpm:search id="searchone" resultCount="100" sortField="dID">
  <ucpm:parameter name="queryText">
    <jstlcore:out value="${pageContext.queryString}" />
  </ucpm:parameter>
</ucpm:search>
```

- In this example, the values for `resultCount` and `sortField` are specified as elements in the body using the parameter tag:

```
<ucpm:search id="searchone">
  <ucpm:parameter name="resultCount">100</ucpm:parameter>
  <ucpm:parameter name="sortField">dID</ucpm:parameter>
  <ucpm:parameter name="queryText">
    <jstlcore:out value="${pageContext.queryString}" /></ucpm:parameter>
</ucpm:search>
```

When the *type* is set to `REQUEST`, no attributes need to be specified but the values should be in the request object with the same name as the attribute name. For example, in the above code sample if a `type="REQUEST"` is used it should have attributes in the request object for the fields *queryText*, *sortField* and *resultCount*.

Note: See "Understanding JSP Tag Libraries" on page 8 for more information.

Where appropriate, the tags take content server specific fields as body elements (xComments, etc.). When a document is checked in, the body tag can take arbitrary body elements and pass them as native properties during the check-in process. This allows for custom metadata fields to be set during the check-in process (and also other fields which are not directly supported by CIS).

For example:

```
<ucpm:checkinrevision id="checkin"
  contentId="<%=contentId%>"
  documentId="<%=docId%>"
  primaryFile="<%=fileName%>"
  fileCopy="true" finished="true" >

  <ucpm:parameter name="securityGroup">
    <jstlcore:out value="${param.securityGroup}"
    default="Public" />
  </ucpm:parameter>

  <ucpm:parameter name="title">
    <jstlcore:out value="${param.title}" />
  </ucpm:parameter>

  <ucpm:parameter name="type">
    <jstlcore:out value="${param.type}" />
  </ucpm:parameter>

  <ucpm:parameter name="xComments">
    <jstlcore:out value="${param.comments}"
    default="Auto-generated comments" />
  </ucpm:parameter>

  <ucpm:parameter name="dRevLabel">
    <jstlcore:out value="${param.revLabel}"
    default="custom" />
```

```

    </ucpm:parameter>
</ucpm:checkinrevision>

```

Note: See “Tag descriptions and attributes” on page 20 for more information.

Error handling

The `servermessage` tags allows for server messages to be displayed and/or used. This code stores the message returned during the check-in process:

```
<ucpm:servermessage tagId="checkin" id="msg" />
```

The tag has two values for `statusCode` and `statusMessage`.

For example:

```

<jstlcore:if test="${msg.statusCode < 0}">
  Status Code: <jstlcore:out value="${msg.statusCode}" />
  <br>
  Status Message: <jstlcore:out value="${msg.statusMessage}" />
  <br>
</jstlcore:if>

```

Display of tag results

The UCPM Tag Libraries do not provide specific tags to display or manipulate the result objects in web pages. While you can use various web technologies, we recommend JavaServer Pages Standard Tag Library (JSTL) tags for the display and manipulation of the tag responses.

You can use JSTL tags to perform such tasks as executing a search query or displaying the search response.

For example (execute search query):

```

<ucpm:search id="searchone" resultCount="100" sortField="dID">
  <ucpm:parameter name="queryText">
    <jstlcore:out value="${pageContext.queryString}" />
  </ucpm:parameter>
</ucpm:search>

```

For example (display the response):

```

<TABLE>
Found <jstlcore:out value="${searchone.count}" /> items matching query.<br>
Query: <jstlcore:out value="${searchone.queryText}" /> <br>

<jstlcore:forEach var="curritem" items="${searchone.results}">

<TR>
  <td><jstlcore:out value="${curritem.activeContentID}" default="no id" /></td>
  <td><jstlcore:out value="${curritem.activeDocumentID}" default="no id" />
  [ <a href="docinfo_result.jsp?contentId=
  <jstlcore:out value='${curritem.activeContentID}' />">Doc Info</a> ] </td>

```

```

    <td><a href="<jstlcore:out value='${curritem.URL}' />">
    <jstlcore:out value="${curritem.title}" /></a>
</jstlcore:forEach>
</TABLE>

```

You can also use Java code in JSPs to display the values.

For example:

```

<ucpm:workflowqueue id="wfq" />
<%
ISCSWorkflowQueueResponse queueResponse = (ISCSWorkflowQueueResponse)
pageContext.getAttribute("wfq");
int size = queueResponse.getWorkflowInQueue().size();
%>
There are <%=size%> items in your queue <br>

```

Sample JavaServer Page

This is a complete JavaServer Page that provides an example of how you might display the document information page.

```

<%@ include file="/include/taglibs.inc" %>
<%@ page contentType="text/html; charset=UTF-8" language="java" %>
<HTML>
<BODY>
<H4>Document Information Page</H4>

<scs:docInfo type="request" id="docone" />
<scs:servermessage tagId="docone" id="msgone" />

<jstlcore:choose>
<jstlcore:when test="${msgone.statusCode < 0}">
    Status Code:<jstlcore:out value="${msgone.statusCode}" /><br>
    Status Message: <jstlcore:out value="${msgone.statusMessage}" />
</jstlcore:when>
<jstlcore:otherwise>

<TABLE border=1>
<TR><td>User (Context)</td>
    <td><jstlcore:out value="${docone.user}" /></td></TR>
<TR><td>Latest Revision</td>
    <td><jstlcore:out value="${docone.latestID}" /></td></TR>
<TR><td>Checked Out</td>
    <td><jstlcore:out value="${docone.docNode.checkedOut}" /></td></TR>
<TR><td>Checked Out User</td>
    <td><jstlcore:out value="${docone.docNode.checkedOutUser}" /></td></TR>
<TR><td>Created Date</td>
    <td><jstlfmt:formatDate value="${docone.docNode.createdDate}"
        pattern="EEEE, dd MMMM yyyy, HH:mm:ss" /></td></TR>
<TR><td>File Size</td>
    <td><jstlcore:out value="${docone.docNode.fileSize}" /></td></TR>
<TR><td>Location</td>
    <td><jstlcore:out value="${docone.docNode.location}" /></td></TR>
<TR><td>Processing State</td>
    <td><jstlcore:out value="${docone.docNode.processingState}" /></td></TR>
<TR><td>Publishing State</td>
    <td><jstlcore:out value="${docone.docNode.publishState}" /></td></TR>
<TR><td>WorkFlow State</td>

```

```

        <td><jstlcore:out value="\${docone.docNode.workflowState}"/></td></TR>
<TR><td>Status</td>
    <td><jstlcore:out value="\${docone.docNode.status}"/></td></TR>
<TR><td>Content Id</td>
    <td><jstlcore:out value="\${docone.docNode.activeContentID}"/></td></TR>
<TR><td>Document Id</td>
    <td><jstlcore:out value="\${docone.docNode.activeDocumentID}"/></td></TR>
<TR><td>Title</td>
    <td><jstlcore:out value="\${docone.docNode.title}"/></td></TR>
<TR><td>Author</td>
    <td><jstlcore:out value="\${docone.docNode.author}"/></td></TR>
<TR><td>Security Group</td>
    <td><jstlcore:out value="\${docone.docNode.securityGroup}"/></td></TR>
<TR><td>Release Date</td>
    <td><jstlfmt:formatDate value="\${docone.docNode.releaseDate}"
        pattern="EEEE, dd MMMM yyyy, HH:mm"/></td></TR>
<TR><td>Expiration Date</td>
    <td><jstlfmt:formatDate value="\${docone.docNode.expirationDate}"
        pattern="EEEE, dd MMMM yyyy, HH:mm"/></td></TR>
<TR><td>Format</td>
    <td><jstlcore:out value="\${docone.docNode.format}"/></td></TR>
<TR><td>Revision Label</td>
    <td><jstlcore:out value="\${docone.docNode.revisionLabel}"/></td></TR>
<TR><td>File Name</td>
    <td><jstlcore:out value="\${docone.docNode.fileName}"/></td></TR>
<TR><td>Comments</td>
    <td><jstlcore:out value="\${docone.docNode.comments}"
        default="no comments"/></td></TR>

<TR><td colspan=2> </td></TR>
<TR><td colspan=2><b>Revision History: <jstlcore:out
value="\${revision.revisionLabel}"/></b></td></TR>
    <jstlcore:forEach var="revision" items="\${docone.revisionHistory}">
<TR><td>Document Id</td>
    <td><jstlcore:out value="\${revision.documentID}"/></td></TR>
<TR><td>Content Id</td>
    <td><jstlcore:out value="\${revision.contentID}"/></td></TR>
<TR><td>Revision Id</td>
    <td><jstlcore:out value="\${revision.revisionID}"/></td></TR>
<TR><td>Revision Label</td>
    <td><jstlcore:out value="\${revision.revisionLabel}"/></td></TR>
<TR><td>Processing State</td>
    <td><jstlcore:out value="\${revision.processingState}"/></td></TR>
<TR><td>Status</td>
    <td><jstlcore:out value="\${revision.status}"/></td></TR>
<TR><td colspan="2">
    <a href="deletedoc.jsp?documentId=<jstlcore:out
        value='\${revision.documentID}'>">Delete this revision</a></td></TR>
</jstlcore:forEach>

<TR><td colspan=2> </td></TR>
<TR><td colspan=2><b>Option Lists</b></td></TR>
<jstlcore:forEach var="option" items="\${doctwo.optionLists}">
<TR><td>Name</td>
    <td><jstlcore:out value="\${option.name}"/></td></TR>
</jstlcore:forEach>

<TR><td colspan=2> </td></TR>
<TR><td colspan=2><b>Result Set</b></td><td></td></TR>
</TABLE>
</jstlcore:otherwise>
</jstlcore:choose>

</BODY>

```

</HTML>

CHAPTER 4

Tag descriptions and attributes

This section provides an overview of the Stellent Universal Content and Process Management (UCPM) Tag Library tags and provides tag descriptions and attributes.

In this section:

- Overview of the tags
- Tag descriptions and attributes

Important: CIS version 7.6 must be installed. The Universal Content and Process Management API (UCPM API) replaces the architecture used in CIS 7.2 and is not compatible. See “Migrating from version 7.2” in the UCPM API Developer’s Guide for more information (ucpm-dev-guide.pdf).

Note: See the UCPM Tag Library JavaDoc for information on the Class/Interface, Field, and Method descriptions. The JavaDoc is located in the /docs/ucpm-taglib-javadoc.zip file.

Overview of the tags

This section provides a brief description of each of the thirty-two tags provided in the UCPM Tag Library.

Note: See “Tag descriptions and attributes” on page 20 for more information.

Tag Name	Description
checkedoutlist	Retrieves a list of all available items that are currently checked out.
checkin	Checks in a new content in the content server.
checkinrevision	Checks a content item revision into the system.
checkinsimilar	Gets information for building a contribution form with similar metadata to another piece of content.
checkinvalidate	Validates that a user has rights to perform a checkin to the content server.
checkout	Checkout a content item from the content server.
delete	Delete a revision from the content server.
docconfiguration	Retrieves the document configuration information (security groups, available doc types, etc.).
docInfo	Retrieves the metadata information for the document identified by the given ID or name.
doctypes	Retrieves a list of all content item types, their descriptions, and their associated GIF images.
executeservice	Executes any IDC service command. A service can be executed by specifying the IDC service name and a mapping of service arguments.

Tag Name	Description
getcontentsubscribers	Retrieve a list of subscribers for a given content item or content item ID.
getdynamicconversion	Get a dynamic conversion of a specific rendition of a file. Must have the Stellent Dynamic Converter component installed on the content server for this command to succeed.
getdynamicconverterconfig	Retrieves the document configuration information (security groups, available doc types, etc.).
getdynamicfile	Retrieves a dynamic file (i.e. hcst, hcsp, hcsf, etc.) from the content server.
getfile	Use the GET_FILE command to retrieve a stream of content from the content server. Will transfer the files via the InputStream class. This class provides a mechanism for serializing the bytes between EJBs and client. For local clients, no serialization is required and the stream is returned directly to the client from the content server.
getsubscriptions	Returns a list of all subscribed content items for the logged in user.
search	Searches the content server.
servermessage	Retireves the service exceptions and shows the corresponding error messages in the page.
subscribe	Subscribe to a content item.
undocheckout	Undo a checkout from the content server.
unsubscribe	Cancels a content item subscription for a user.
updatedoc	Updates the document metadata.
updatesubscription	Updates the current subscription notification field and sends a notification.
userlist	List the available users in the content server.
userprofile	Validate user credentials against the content server. Also, will retrieve extended information about a user. Note: user only authenticated if the password property is set; set to null to skip the authenticate process.
workflowactive	Retrieve a list of the active workflows in the content server.
workflowapprove	Approves a given workflow. Marks status as APPROVE for the current workflow stage.
workflowqueue	Retrieves the workflow queue for the current user.
workflowreject	Rejecst a workflow and send an email message to the appropriate users.
workflowretrieve	Service that returns information about a specific workflow.
workflowstepinfo	Retrieves detailed information about a given workflow step.

Tag descriptions and attributes

This section provides detailed information on each tag in the UCPM Tag Library including the required and optional attributes of each.

Note: See the UCPM Tag Library JavaDoc for more information.

Tag checkedoutlist

Retrieves a list of all available items that are currently checked out.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.document.checkout.CheckedOutListTag
TagExtraInfo Class	none
Body Content	empty
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag checkin

Checks in a new content in the content server.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.document.checkin.CheckinTag
TagExtraInfo Class	none
Body Content	JSP
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
contentId	false	true	java.lang.String	The content ID of the item.
primaryFile	false	true	java.lang.String	Path to the primary file of the item.
fileCopy	false	true	boolean	The specified file will be copied; if false, the file will be deleted after service execution.
finished	false	true	boolean	Set true if this is a workflow check-in and you have finished editing.
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag checkinrevision

Checks a content item revision into the system.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.document.checkin.CheckinRevisionTag
TagExtraInfo Class	none
Body Content	JSP
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
contentId	false	true	java.lang.String	The content ID of the item.
documentId	false	true	java.lang.String	The document ID of the item.
primaryFile	false	true	java.lang.String	Path to the primary file that is being checked in.
fileCopy	false	true	boolean	The specified file will be copied; if false, the file will be deleted after service execution.
finished	false	true	boolean	Set true if this is a workflow check-in and you have finished editing.

Name	Required	Request-time	Type	Description
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag checkinsimilar

Gets information for building a contribution form with similar metadata to another piece of content.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.document.checkin.CheckinSimilarTag
TagExtraInfo Class	none
Body Content	JSP
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
documentId	false	true	java.lang.String	The document ID of the item.
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag checkinvalidate

Validates that a user has rights to perform a checkin to the content server.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.document.checkin.CheckinValidationTag
TagExtraInfo Class	none
Body Content	empty
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag checkout

Checkout a content item from the content server.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.document.checkout.CheckoutTag
TagExtraInfo Class	none
Body Content	JSP
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
contentId	false	true	java.lang.String	The content ID of the item.
documentId	false	true	java.lang.String	The document ID of the item.
fileCopy	false	true	boolean	The specified file will be copied; if false, the file will be deleted after service execution.

Name	Required	Request-time	Type	Description
finished	false	true	boolean	Set true if this is a workflow check-in and you have finished editing.
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag delete

Delete a revision from the content server.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.document.delete.DeleteTag
TagExtraInfo Class	none
Body Content	JSP
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
documentId	false	true	java.lang.String	The document ID of the item.
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag docconfiguration

Retrieves the document configuration information (security groups, available doc types, etc.).

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.document.information.DocConfigurationTag
TagExtraInfo Class	none
Body Content	empty
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag docInfo

Retrieves the metadata information for the document identified by the given ID or name.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.document.information.DocInfoTag
TagExtraInfo Class	none
Body Content	JSP
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
contentId	false	true	java.lang.String	The content ID of the item.
documentId	false	true	java.lang.String	The document ID of the item.

Name	Required	Request-time	Type	Description
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag doctypes

Retrieves a list of all content item types, their descriptions, and their associated GIF images.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.administrative.DocTypesTag
TagExtraInfo Class	none
Body Content	empty
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag executeservice

Executes any IDC service command. A service can be executed by specifying the IDC service name and a mapping of service arguments.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.administrative.ExecuteServiceTag
TagExtraInfo Class	none
Body Content	JSP
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
arguments	false	true	java.lang.String	The arguments to the service that is executed.
serviceName	false	true	java.lang.String	The IDC Service Name.
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag getcontentsubscribers

Retrieves a list of subscribers for a given content item or content item ID.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.document.subscription.GetContentSubscribersTag
TagExtraInfo Class	none
Body Content	JSP
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
contentId	false	true	java.lang.String	The content ID of the item.
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag getdynamicconversion

Get a dynamic conversion of a specific rendition of a file. Must have the Stellent Dynamic Converter component installed on the content server for this command to succeed.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.file.GetDynamicConversionTag
TagExtraInfo Class	none
Body Content	JSP
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
contentId	false	true	java.lang.String	The content ID of the item.
documentId	false	true	java.lang.String	The document ID of the item.
alternate	false	true	boolean	The alternate flag.
conversionLayout	false	true	java.lang.String	The conversion layout.
conversionRule	false	true	java.lang.String	The conversion rule.
conversionTemplate	false	true	java.lang.String	The conversion template.
useDocCache	false	true	boolean	Uses the cache.
viewFormat	false	true	java.lang.String	Format of the document.

Name	Required	Request-time	Type	Description
rendition	false	true	java.lang.String	Rendition of the document.
revisionSelectionMethod	false	true	java.lang.String	The revision selection method.
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag getdynamicconverterconfig

Retrieves the document configuration information (security groups, available doc types, etc.).

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.file.GetDynamicConverterConfigTag
TagExtraInfo Class	none
Body Content	empty
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag getdynamicfile

Retrieves a dynamic file (i.e. hcst, hcsp, hcsf, etc.) from the content server.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.file.GetDynamicFileTag
TagExtraInfo Class	none
Body Content	JSP
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
fileName	false	true	java.lang.String	The path to the file to be retrieved.
rewriteForDisplay	false	true	java.lang.String	If true, converted file links are rewritten so that next/previous links and gallery images are routed through the scsdynamic servlet and can be displayed from a web UI.
rendition	false	true	java.lang.String	Rendition of the document.
revisionSelectionMethod	false	true	java.lang.String	The revision selection method.

Name	Required	Request-time	Type	Description
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag getfile

Use the GET_FILE command to retrieve a stream of content from the content server. Will transfer the files via the InputStream class. This class provides a mechanism for serializing the bytes between EJBs and client. For local clients, no serialization is required and the stream is returned directly to the client from the content server.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.file.GetFileTag
TagExtraInfo Class	none
Body Content	JSP
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
contentId	false	true	java.lang.String	The content ID of the item.
documentId	false	true	java.lang.String	The document ID of the item.
rendition	false	true	java.lang.String	Rendition of the document.
revisionSelectionMethod	false	true	java.lang.String	The revision selection method.

Name	Required	Request-time	Type	Description
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag getsubscriptions

Returns a list of all subscribed content items for the logged in user.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.document.subscription.GetSubscriptionsTag
TagExtraInfo Class	none
Body Content	JSP
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag search

Searches the content server.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.search.SearchTag
TagExtraInfo Class	none
Body Content	JSP
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
queryText	false	true	java.lang.String	The string that is will be used to query the server.
resultCount	false	true	java.lang.String	The maximum number of results. Default: 100.
sortField	false	true	java.lang.String	The field to sort the results by. Default: dlDate.
sortOrder	false	true	java.lang.String	A string representing the order of the results. <ul style="list-style-type: none"> ■ Ascending = asc ■ Descending = desc
startIndex	false	true	java.lang.String	The start of the result set.
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag servermessage

Retrieves the service exceptions and show the corresponding error messages in the page.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.util.ServerMessageTag
TagExtraInfo Class	none
Body Content	empty
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
tagId	true	true	java.lang.String	The value of id field of the service tag.
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag subscribe

Subscribe to a content item.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.document.subscription.SubscribeTag
TagExtraInfo Class	none
Body Content	JSP
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
contentId	false	true	java.lang.String	The content ID of the item.
documentId	false	true	java.lang.String	The document ID of the item.

Name	Required	Request-time	Type	Description
email	false	true	java.lang.String	The email ID of the user.
subscriptionType	false	true	java.lang.String	The subscription type.
criteria	false	true	java.lang.String	A list of strings denoting the criteria that corresponds with the requirements of the subscription type.
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag undockout

Undo a checkout from the content server.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.document.checkout.UndoCheckoutTag
TagExtraInfo Class	none
Body Content	JSP
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
contentId	false	true	java.lang.String	The content ID of the item.
documentId	false	true	java.lang.String	The document ID of the item.

Name	Required	Request-time	Type	Description
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag unsubscribe

Cancels a content item subscription for a user.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.document.subscription.UnsubscribeTag
TagExtraInfo Class	none
Body Content	JSP
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
subscriptionId	false	true	java.lang.String	The subscription ID.
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag updatedoc

Update the document metadata.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.document.information.UpdateDocTag
TagExtraInfo Class	none
Body Content	JSP
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
documentId	false	true	java.lang.String	The document ID of the item.
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag updatesubscription

Updates the current subscription notification field and sends a notification

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.document.subscription.UpdateSubscriptionTag
TagExtraInfo Class	none
Body Content	JSP
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
subscriptionId	false	true	java.lang.String	The subscription ID.

Name	Required	Request-time	Type	Description
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag userlist

List the available users in the content server.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.user.UserListTag
TagExtraInfo Class	none
Body Content	empty
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag userprofile

Validate user credentials against the content server. Also, will retrieve extended information about a user. Note: user only authenticated if the password property is set; set to null to skip the authenticate process.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.user.UserProfileTag
TagExtraInfo Class	none
Body Content	JSP
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
user	false	false	java.lang.String	The user name of the user to authenticate.
password	false	false	java.lang.String	The password of the user to authenticate, set to null to perform no authentication.
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag workflowactive

Retrieves a list of the active workflows in the content server.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.workflow.WorkflowActiveTag
TagExtraInfo Class	none
Body Content	empty
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag workflowapprove

Approves a given workflow. Marks status as APPROVE for the current workflow stage.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.workflow.WorkflowApproveTag
TagExtraInfo Class	none
Body Content	JSP
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
documentId	false	true	java.lang.String	The document ID of the item.
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag workflowqueue

Retrieves the workflow queue for the current user.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.workflow.WorkflowQueueTag
TagExtraInfo Class	none
Body Content	empty
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag workflowreject

Rejects a workflow and send an email message to the appropriate users.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.workflow.WorkflowRejectTag
TagExtraInfo Class	none
Body Content	JSP
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
documentId	false	true	java.lang.String	The document ID of the item.

Name	Required	Request-time	Type	Description
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag workflowretrieve

Service that returns information about a specific workflow.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.workflow.WorkflowRetrieveTag
TagExtraInfo Class	none
Body Content	JSP
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
name	false	true	java.lang.String	The name of the workflow.
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

Tag workflowstepinfo

Retrieves detailed information about a given workflow step.

Tag Information

Tag Class	com.stellent.taglibs.ucpm.active.workflow.WorkflowStepInfoTag
TagExtraInfo Class	none
Body Content	JSP
Display Name	none

Attributes:

Name	Required	Request-time	Type	Description
contentId	false	true	java.lang.String	The content ID of the item.
documentId	false	true	java.lang.String	The document ID of the item.
stepName	false	true	java.lang.String	The workflow step name.
workflowName	false	true	java.lang.String	The workflow name.
stepId	false	true	java.lang.String	The workflow step ID.
id	true	true	java.lang.String	The name by which the result of the tag is stored in the pageContext.
type	false	true	java.lang.String	The type of the tag specifies as to where the tag values should be read from. When set to ATTRIBUTES, it reads values from the tag attributes and tag body. When set to REQUEST, it reads values from the page request object. It defaults to ATTRIBUTES.

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