

How to...

Configure the HTML Collection Renderer for the KM flexible user interface

ENTERPRISE PORTAL 6.0 SP2

PUBLIC

ASAP “How to...” Paper



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1 Scenario

This How-to Guide describes how to configure the *HTML Collection Renderer* for the KM Flexible User Interface. The HTML Collection Renderer allows you to display an HTML page as part of a Layout Set. The HTML page can contain special parameters to display links to any content in CM folders such as files, links, and other folders. You can also include UI commands in the HTML page as well as display images.

2 Result

An HTML Page is rendered as part of a layout set. An example of using the HTML Renderer is the ability to display an HTML Page at the top of a layout for a folder which describes the folder contents. The actual the list of documents can be shown in the lower portion of the layout using another collection renderer.

3 The Step By Step Solution

Description of the Example

The example you will construct for the *HTML Collection Renderer*. It will display an HTML page on top with a document list for a folder below. The **GridList Layout Controller** will be used for this purpose.

KM Documents Area

This is a public folder where you can [drop your KM Documents](#). All members will have access to them. You might want to [give feedback](#) on the content of this folder or participate in a [discussion](#) on its contents. To see other feedback, browse the [details](#) of this folder. If you want to be informed about changes of the content in this folder, you can simply [subscribe](#) yourself.



[Edit this header](#)

Contents of <i>KM Documentation</i>			
Name ↕	Size	Modified	Workflow Status Children
How-to Guides		2/24/04 6:14:00 AM	0 / 5
Problem Reports		2/24/04 6:12:15 AM	0 / 0
04a_Authoring process Excercise.doc	52.5 KB	2/24/04 6:06:11 AM	In progress
05_Property metadata service.ppt	451 KB	2/24/04 6:06:12 AM	In progress
09c_Flexible UI DetailsEx.doc	37 KB	2/24/04 6:07:05 AM	Awaiting approval
09d_Flexible UI Image Map Sol.doc	188 KB	2/24/04 6:06:12 AM	In progress
10_XMLforms exercise.doc	37 KB	2/24/04 6:06:12 AM	In progress
XMLForms.pdf	1.6 MB	2/24/04 6:06:11 AM	In progress

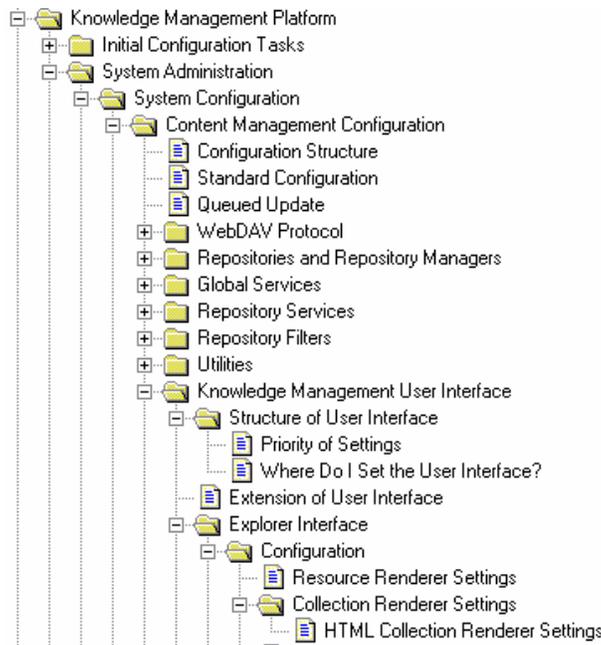
Important Learning Note: The names of the paths, folders, documents, etc. in the steps that follow are only examples. However, use these names exactly when creating your HTML Renderer or else the HTML commands in the example will not work. You can easily copy these configurations for your own purposes when you have completed the learning process.

3.1 Preparation

1. Print a copy of the documentation for the *HTML Collection Renderer Settings* from the *Administrator Guide* for EP 6.0 SP2. You will use these settings as a reference during this How-to Guide.

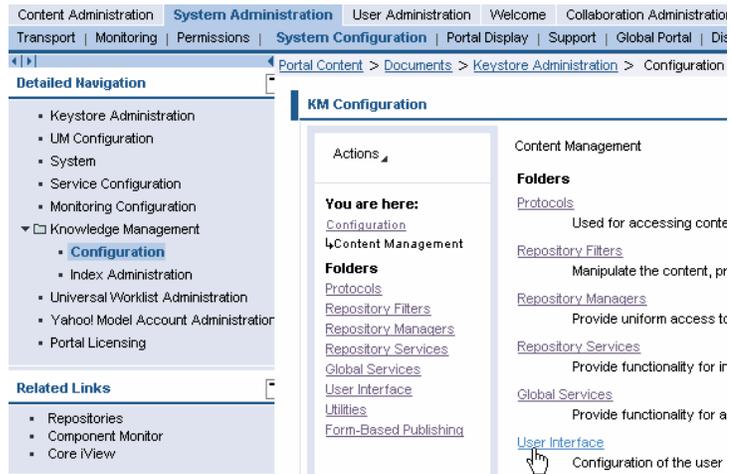
Note: Documentation can be found at :

<http://help.sap.com/ep>



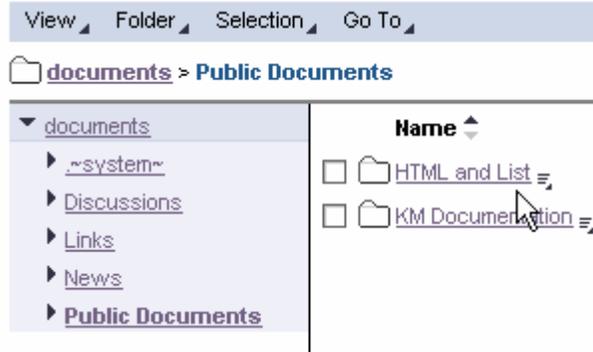
2. You need the following roles in the portal to perform the steps in this document:

- *System Administration* - for System Configuration of Knowledge Management to configure User Interface
- *Content Administrator* - for creating iViews



3. Create a folder named **HTML and List** in the /documents/Public Documents

Note: From *Content Management* role click on the *Detailed Navigation Documents* to get to the /documents repository.

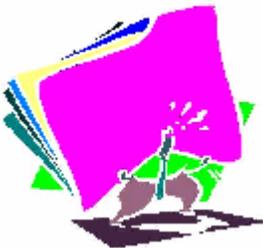


4. Create another folder named **KM Documentation** in the /documents/Public Documents

Upload some documents into this folder.

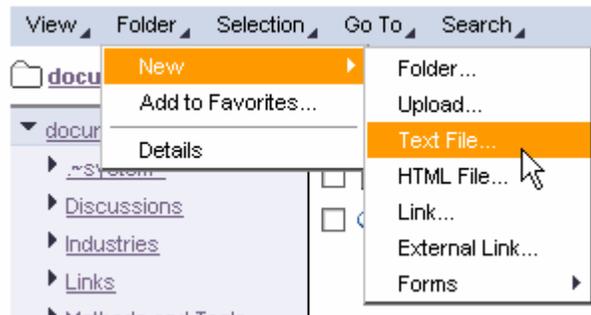


5. Navigate to the *HTML and List* folder and upload a small image file (approx. 130x130 pixels) **Image.JPG** in this example.



3.2 Create an HTML Page

1. The first step in setting up an *HTML Collection Renderer* is to create the HTML page you will use. This can be accomplished with any text editor including the one delivered with KM. (Do **not** use the *HTML Editor* as you will not get the desired result.)



In the **HTML and List** folder, create a new text file.

2. Cut and paste the HTML code on the next page into text window. We will analyse the HTML later.

Save the file with the name **KMdocinfo.html**

Warning: This information is case sensitive.



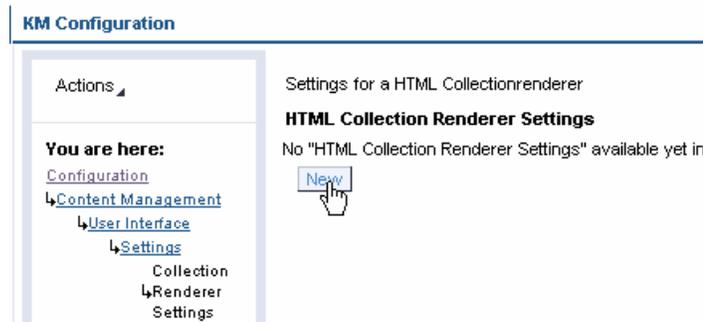
```
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">
</head>
<body>
<table border="0" width="99%" cellspacing="1" height="138">
  <tr>
    <td width="94%" height="43">
<h2 align="left">KM Documents Area</h2>
    </td>
    <td width="28%" rowspan="2" height="134">
      <p align="center"></p>
      <p align="center"><a href="http://com.sap.cm/documents/Public Documents/HTML and
List/KMdocinfo.html?uicommand=edit_online"><font face="Arial" size="1">Edit this
header</font></a>    </p>
    </td>
  </tr>
  <tr>
    <td width="94%" valign="top" height="87">
<font face="Arial" size="2">This is a public folder where you can <a
href="http://com.sap.cm/.?uicommand=new_file">drop your KM Documents</a>. All members will
have access to them.
You might want to <br>
<a href="http://com.sap.cm/.?uicommand=feedback">give feedback</a> on the content of this
folder or participate in a <a href="http://com.sap.cm/.?uicommand=discussion">discussion</a>
on its contents. To see other feedback, browse the <a
href="http://com.sap.cm/.?uicommand=details">details</a> of this folder.
If you want to be informed about changes of the content in this folder, you can simply <a
href="http://com.sap.cm/.?uicommand=subscribe">subscribe</a>
yourself.</font>
    </td>
  </tr>
</table>
</body>
</html>
```

3. You should now have a folder with two files as shown.



3.3 Configuring the HTML Collection Renderer

1. Navigate to *System Administration* → *System Configuration* → *Knowledge Management* → *Configuration* → *Content Management* → *User Interface* → *Settings* → *Collection Renderer Settings* → *HTML Collection Renderer Settings*



Click **New**

2. Enter the following values:
Name: **HTMLandList**

Description: **HTML Collection Renderer**

HTML File Name:
/documents/Public Documents/HTML and List/KMdocinfo.html



Note: If you copy the path to the HTML File Name from the *Access Links* property, replace any value of **%20** in the File Name with a blank.

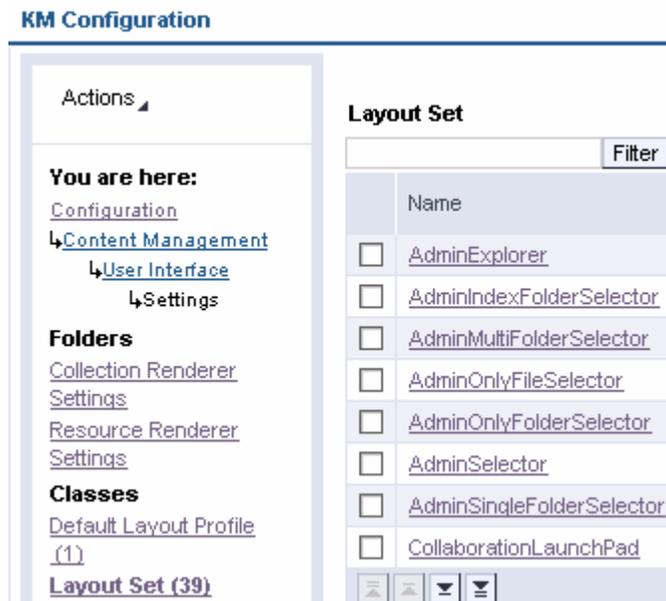
Click **OK**.

Note: You can change the *Breadcrumb Style* but the rest of the fields do not apply. They are simply there due to the java class that has been

implemented for this collection renderer.

3.4 Creating a Layout Set

1. Navigate to *System Administration* → *System Configuration* → *Knowledge Management* → *Configuration* → *Content Management* → *User Interface* → *Settings* → *Layout Set*



2. Enter **Grid** in the *Filter* field and click *Filter*.

Note: Filters are case sensitive. Enter **Grid** not **grid**.

We will duplicate the *ConsumerGridList* for this example, but you can create your own layout set if you wish.



3. Select the checkbox next to *ConsumerGridList* and click *Duplicate*.



4. Enter the following fields to complete the Layout Set:

Name: **HTMLandList**.

Description: **Layout set for HTML Collection Renderer and List**

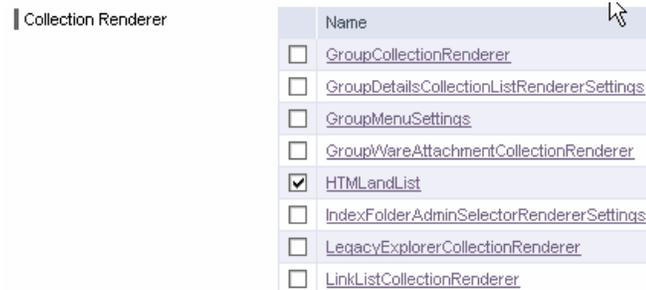


5. Collection Renderer:

Deselect the *ConsumerTaxonomyCollectionRenderer*

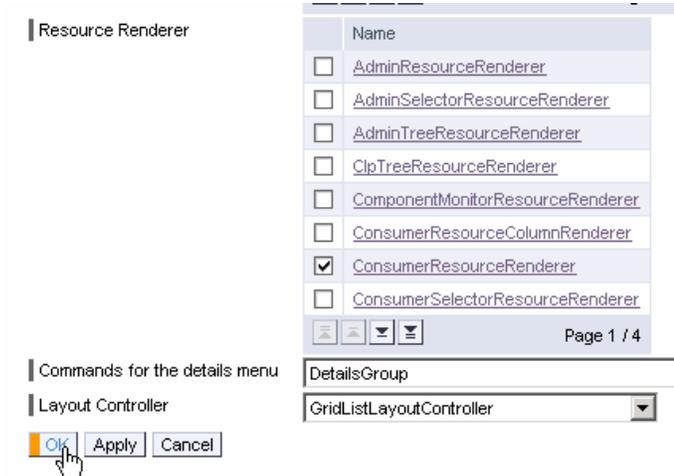
Select the *HTMLandList* Collection Renderer

Do not deselect the *ConsumerFileListRenderer*



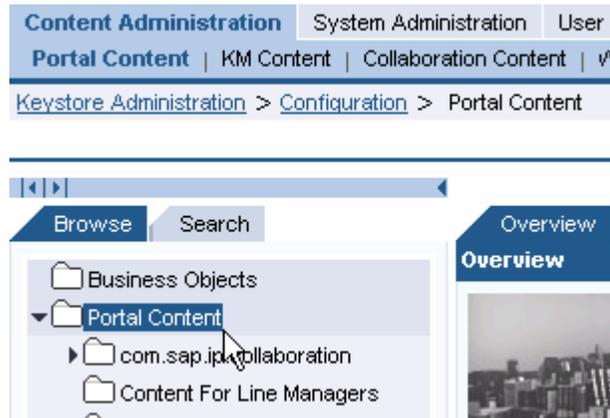
6. Leave the other fields and click *OK*.

Important: Always use the *GridListLayoutController* for this layout.

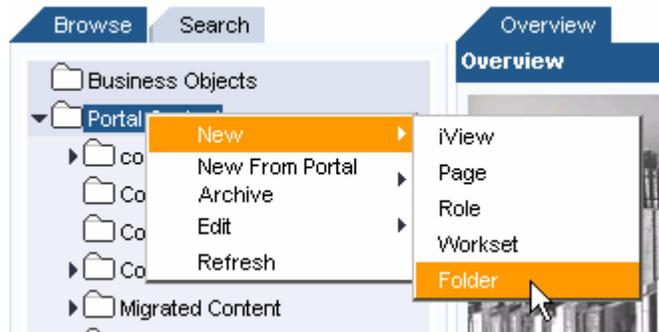


3.5 Create a KM Navigation iView

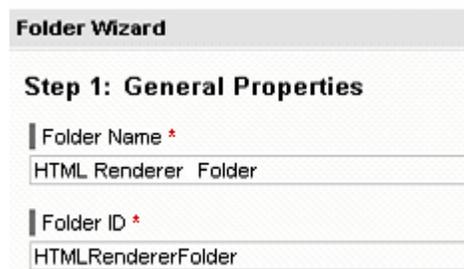
1. Navigate to *Content Administration* → *Portal Content*



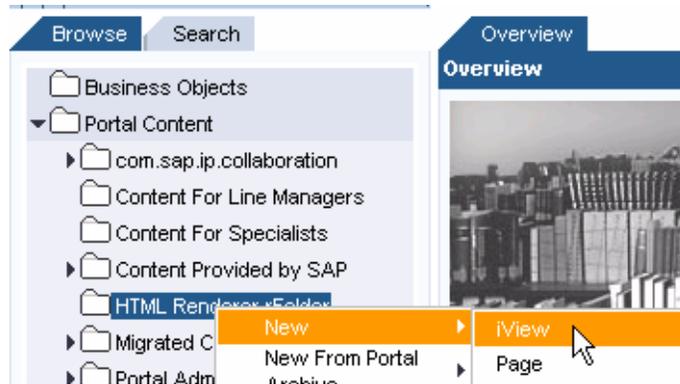
2. Right click on *Portal Content* and create a folder for your iView by clicking *New* → *Folder*.



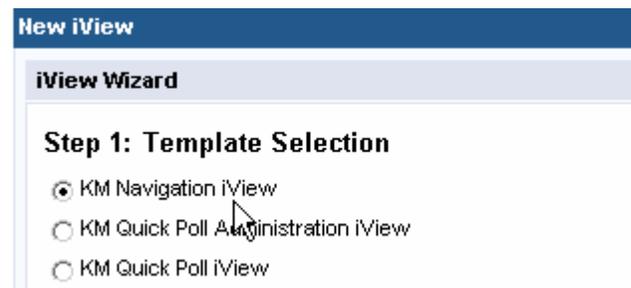
3. Enter **HTML Renderer Folder** for the *Folder Name* and **HTMLRenderFolder** for the *Folder ID* and click *Finish*.



4. Create an iView in the folder by clicking the right mouse on the folder name and selecting *New*→*iView*.



5. Select *KM Navigation iView* and click *Next*.

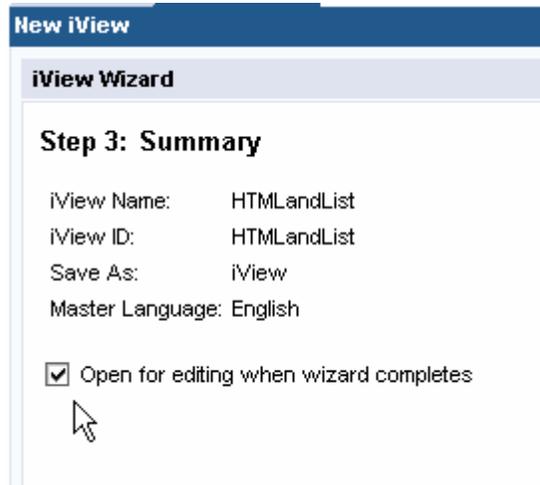


6. Enter the *iView Name* and *iView ID* as **HTMLandList**.

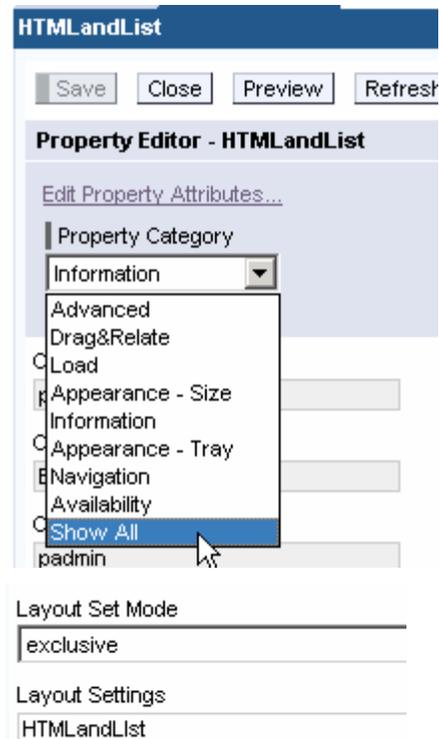
Click *Next*.



7. Select *Open for editing when wizard completes* and click *Finish*.



8. Select *Show All* Property Categories



9. Enter **HTMLandList** in *Layout Settings*

10. Enter **/documents/Public Documents/KM Documentation** in *Path to Initially Displayed Folder*.

Path to Initially Displayed Folder

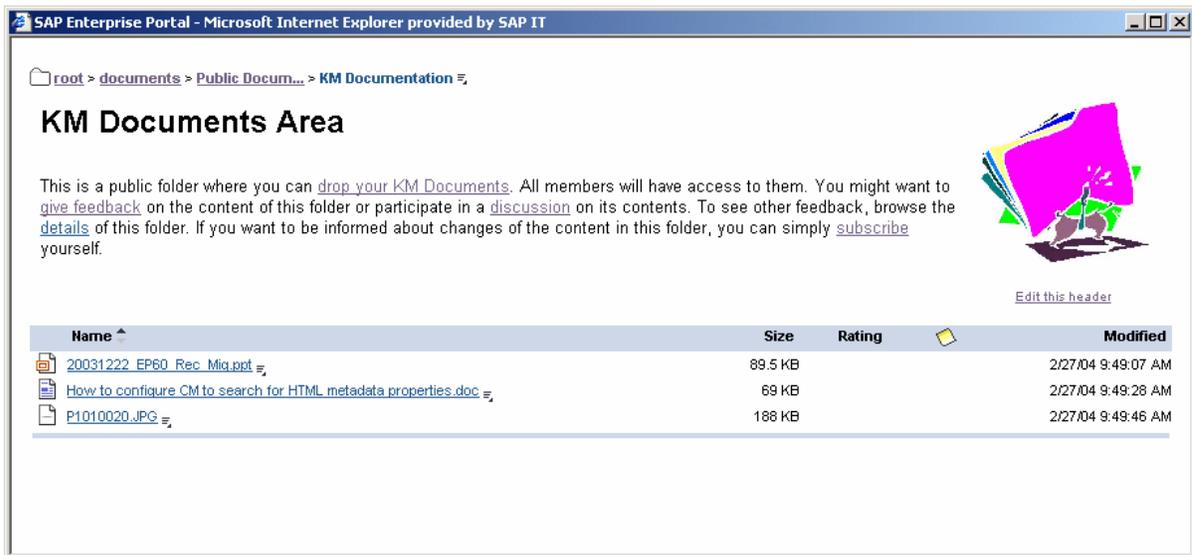
Path to Root Folder for Navigation

11. Click *Preview* to test the iView. *See below.*
 Your iView should look similar to the one below.

Tip: To see future changes to your iView, click the right-mouse in the iView window and click *Refresh*.

If you do not see your changes:

1. Close the iView window.
2. Click *Refresh*
3. Click *Preview*.



3.6 Entering CM commands in your HTML Page

1. First, try all the CM commands on your iView by clicking on the links in the paragraph:

- a. drop your Documents
- b. give feedback
- c. discussion
- d. details
- e. subscribe
- f. Edit this header

You will learn how to configure these commands in the following steps.

2. Any access to CM functions in your HTML page must be prefixed with this text:

<http://com.sap.cm>

For example, the command for editing a document "edit_online." Use the syntax **?uicommand=** as shown below. The path to the document to be edited, in this case KMdocinfo.html is the CM path. In this example it is:

/Public Documents/HTML and List/KMdocinfo.html

A path to a document in the same folder as the HTML page is prefixed with **/**

in one folder up from the same folder as the HTML page **../**

and in any folder **../folder/**

Note: Type this HTML code on one line not on separate lines as shown.

Note: Command names are found in the path
System Administration→*System Configuration*→*Knowledge Management*→*Configuration*
 →*Content Management*→*User Interface*→*Commands*→*UI Commands*

root > documents > Public Docum... > KM Documentation

KM Documents Area

This is a public folder where you can [drop your KM Doc](#) [give feedback](#) on the content of this folder or [participate details](#) of this folder. If you want to be informed about it yourself.



`Edit this header`

3. You can also code the command so that the command label is automatically displayed. In this case the text “Edit this header” is not needed.

The syntax is `?uicommand_with_label=`

You might want to
dback, browse the
ly [subscribe](#)



[Edit Locally](#)

``

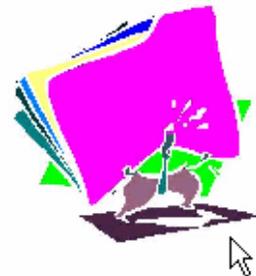
3.7 Including Images in your HTML Page

1. You can include images from a CM folder in your HTML Page.

The syntax is the path to the file as in:

`/documents/Public Documents/HTML and List/Image.JPG`

n. You might want to
feedback, browse the
imply [subscribe](#)



`<p align="center"></p>`

3.8 Displaying document properties in an HTML Page

1. Edit the *KMdocinfo.html* page by clicking on the *Edit this header* link on your HTML page.



2. Add the *createdby* property to HTML page by entering the following html code after the image statement.

Click *Save and Unlock* then refresh your iView to display the property.

The property is displayed using its property renderer.

In this example, the user name that displays is *John Smith*.



```
<p align="center"></p>
<p> <a href="http://com.sap.cm/documents/Public Documents/HTML and List/Image.JPG?property=createdby"></a></p>
<p align="center"><a href="http://com.sap.cm/documents/Public Documents/HTML and List/KMdocinfo.html?uicommand=edit_online"><font face="Arial" size="1">Edit this header</font></a> </p>
```

3. Click on the user to display the business card.



- To display the property in a text string rather than using the property renderer, add the following parameter after the property name:

&asString=true

For an example, try the create date property (*created*), with and without this parameter.

The example to the right displays the property *created* with the property renderer.



2/27/04 6:18:16 AM

```
<p> <a href="http://com.sap.cm/documents/Public Documents/HTML and List/Image.JPG?property=created&asString=true "></a></p>
```

- This example to the right displays the property *created* with the text string.



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