

Integrating Content

The goal of this module is to teach you about functionality introduced in Oracle WebCenter 11g R1 (11.1.1.4), commonly referred to as PS3. The product itself will be rebranded as Oracle WebCenter Portal in PS5 (11.1.1.6). Although the PS3 UI still uses the older terminology, this module introduces the new terminology wherever possible.

For more information, visit [Oracle WebCenter Portal](#) on OTN.

Objectives

After completing this module, you should be able to:

- Describe the content management enhancements in PS3
- Render Site Studio content using Content Presenter
- Edit Site Studio content directly from a portal application page
- Provide item-level security
- Assign a workflow to a folder

Content Management: What's New in Oracle WebCenter Portal PS3?

- New Documents Service task flows, including Document Explorer
- Enhanced Content Presenter task flow
 - Site Studio support
 - Contributor Mode
- Deeper integration with WebCenter Content, including support for:
 - Item-level security
 - Rules and profiles (metadata sets)
 - Workflow in WebCenter Portal: Spaces
- Wikis and blogs available using the Documents service
- Content-driven navigation

Documents Service Task Flows

- Document Explorer 
- Document List Viewer
- Document Manager
- Document Navigator 
- Folder Viewer 
- Recent Documents
- Document Viewer 
- Document Properties 
- Document Mini Properties 
- Document Version History 

Introducing the Document Explorer Task Flow

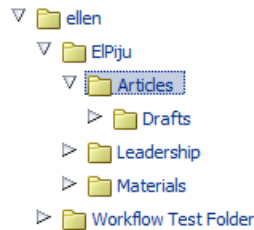
- Replaces the main view of the 'document library'
- Provides a modernized and updated user interface (UI)
- Provides an easier interaction model and support for social interaction functions such as tagging, rating, and linking
- Provides a deeper integration with native features in Oracle WebCenter Content

Document Explorer User Interface (UI)

Access and manage your content using the robust capabilities available through the UI.



- Home
- Documents**
- Discussions
- Events
- Members
- Wikis ▾
- Blogs ▾
- Actions ▾



Tree navigation view

Name	Modified By	Last Modified	Like	Description
Drafts	weblogic	7/19/11 9:17 AM		
adobe.htm	weblogic	7/19/11 9:25 AM	7 ★ 1	Adobe Construction A
article3.htm	weblogic	7/19/11 8:37 AM	0 ★ 0	
bamboo.htm	weblogic	7/19/11 9:25 AM	1 ★ 0	Bamboo Construction
cob.htm	weblogic	7/19/11 9:25 AM	2 ★ 0	Cob Construction Arti
Comparing Earthbag and Adobe.htm	weblogic	7/19/11 8:37 AM	1 ★ 1	
cordwood.htm	weblogic	7/19/11 9:25 AM	0 ★ 0	Cordwood Constructi
earthbag.htm	weblogic	7/19/11 9:25 AM	0 ★ 0	Earth Bag Constructic
Living Earth Structures.htm	weblogic	7/19/11 8:37 AM	0 ★ 2	
Making Wheat Paste.htm	weblogic	7/19/11 8:37 AM	0 ★ 3	

Comments & 'Like' information

Workflow & version icons

Previewing Content

Preview a rendered version of a document in-place and access related items, comments, version history, and document properties.

weblogic | Spaces | Favorites | Administration | Preferences | Help | Logout

> ellen > ELPju > Articles > Comparing Earthbag and Adobe.htm

File View Edit Upload New Version Download 1

Checked Out By weblogic Cancel Check Out Upload New Version

Comparing Earthbag and Adobe

You can still see adobe ruins scattered across the southwest. Even though the roofs have long since rotted away, the walls are still standing after decades or even 100 years or more of neglect. Clearly, adobe is pretty tough stuff, in part because clay platelets closely align themselves and bond together.

It's fairly straightforward to obtain engineered plans and code approval for adobe buildings, if you can afford it, since this type of construction has been thoroughly tested, and because adobe construction is so widespread.

Earthbag building currently lacks the same degree of testing and ease of code approval, yet I'm convinced, certain as one can be, that earthbag is stronger than adobe. For one, the soil is tamped, not just poured. This helps create a denser stronger rammed wall that

Related Items

Tags

Recommended Tags

Shared Save

Links

Link to New Link to Existing

Documents (3)





- adobe.htm
- earthbag.htm
- Living Earth St

Announcement Discussion Document Event

Recommendations

No similar items available

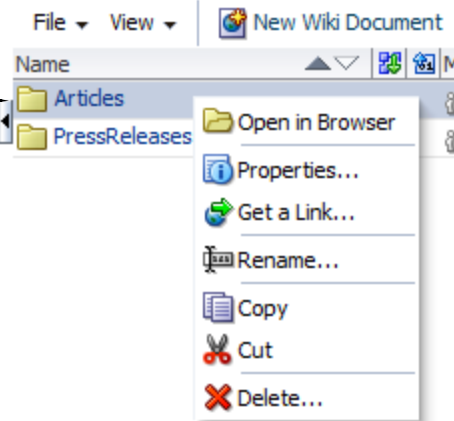
Access related items, comments, version history, and properties.

-  Related Items
-  Comments
-  2 Version History
-  Properties

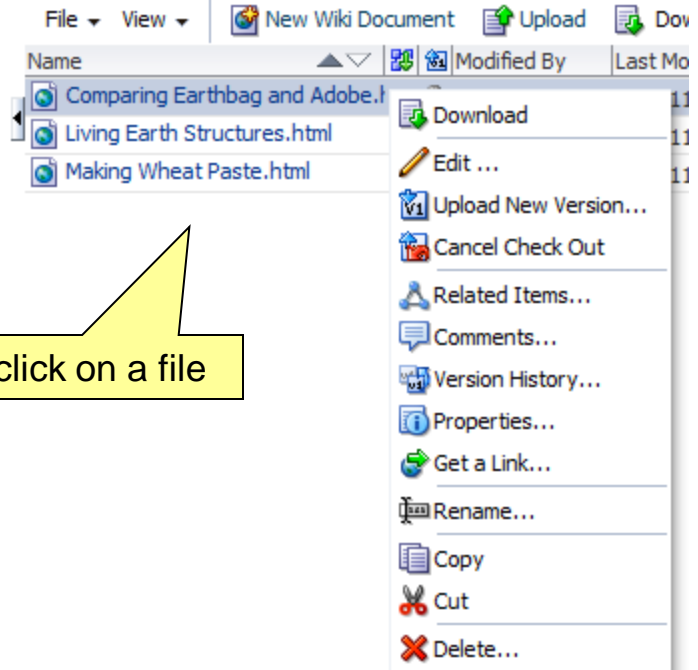
Using the Context Menu

Display a context menu that provides a shortcut to many menu actions.

Right-click on a folder

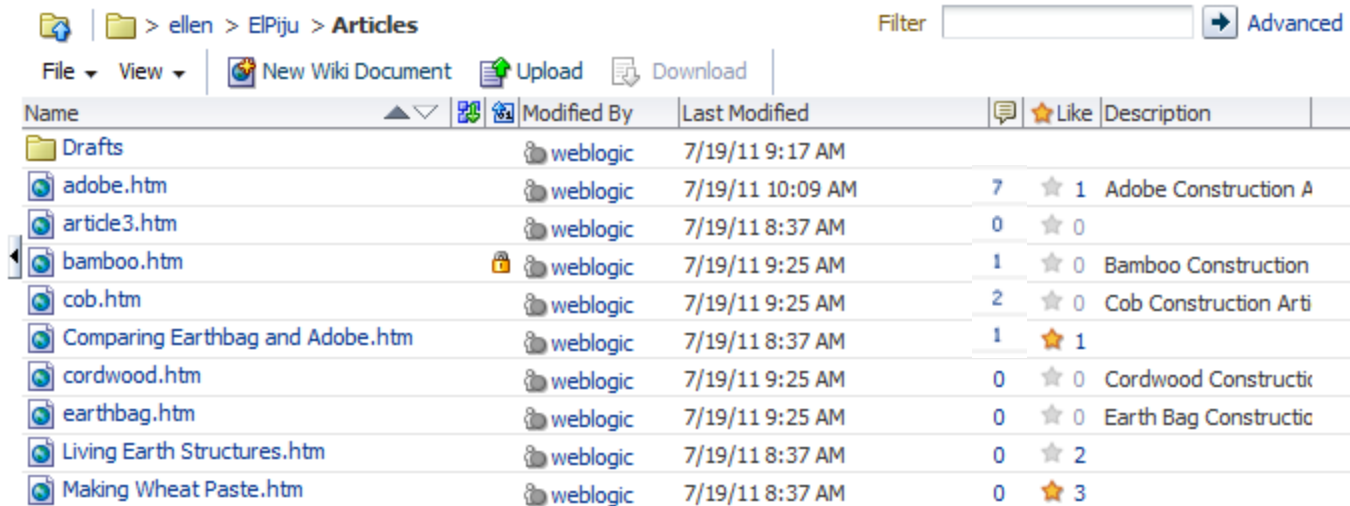


Right-click on a file



'Liking' a File

Indicate a file is of interest to you and see a list of other users who 'liked' the document.



The screenshot shows a file management interface for a folder named 'Articles'. The interface includes a navigation bar with 'File' and 'View' menus, and a toolbar with 'New Wiki Document', 'Upload', and 'Download' buttons. A search filter and 'Advanced' button are also present. The main content is a table listing documents with columns for Name, Modified By, Last Modified, Like, and Description.

Name	Modified By	Last Modified	Like	Description
Drafts	weblogic	7/19/11 9:17 AM		
adobe.htm	weblogic	7/19/11 10:09 AM	7 ★ 1	Adobe Construction A
artide3.htm	weblogic	7/19/11 8:37 AM	0 ★ 0	
bamboo.htm	weblogic	7/19/11 9:25 AM	1 ★ 0	Bamboo Construction
cob.htm	weblogic	7/19/11 9:25 AM	2 ★ 0	Cob Construction Arti
Comparing Earthbag and Adobe.htm	weblogic	7/19/11 8:37 AM	1 ★ 1	
cordwood.htm	weblogic	7/19/11 9:25 AM	0 ★ 0	Cordwood Constructic
earthbag.htm	weblogic	7/19/11 9:25 AM	0 ★ 0	Earth Bag Constructic
Living Earth Structures.htm	weblogic	7/19/11 8:37 AM	0 ★ 2	
Making Wheat Paste.htm	weblogic	7/19/11 8:37 AM	0 ★ 3	

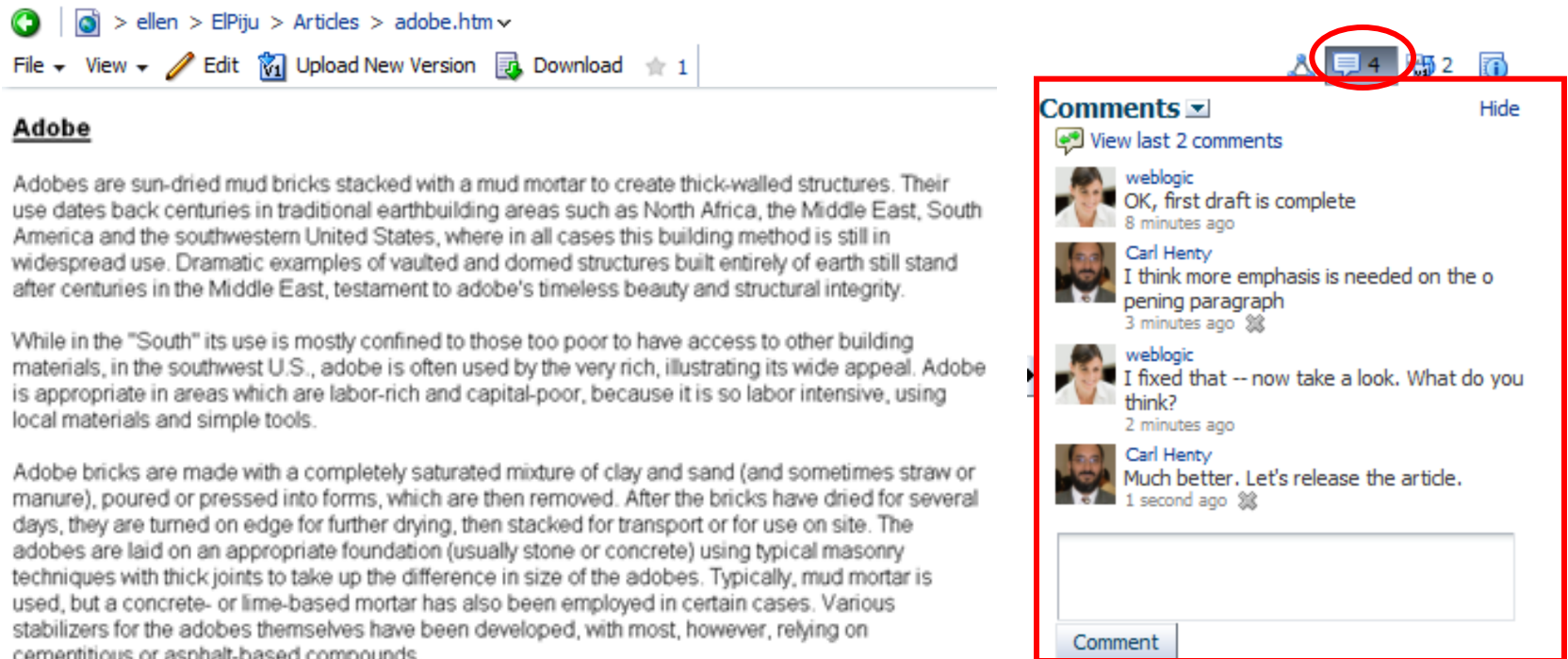


The screenshot shows a user profile popup window with a table listing users. A red arrow points to the 'Notes' column for the first user, Joe Smith.

Name	Employee Detail	Notes
 Joe Smith joe.smith@avitrust.com	Banking	no recent updates
 Sue Walters sue.walters@avitrust.com	Product Management	no recent updates
 weblogic		no recent updates

Commenting on Content

View and add new comments about a document.



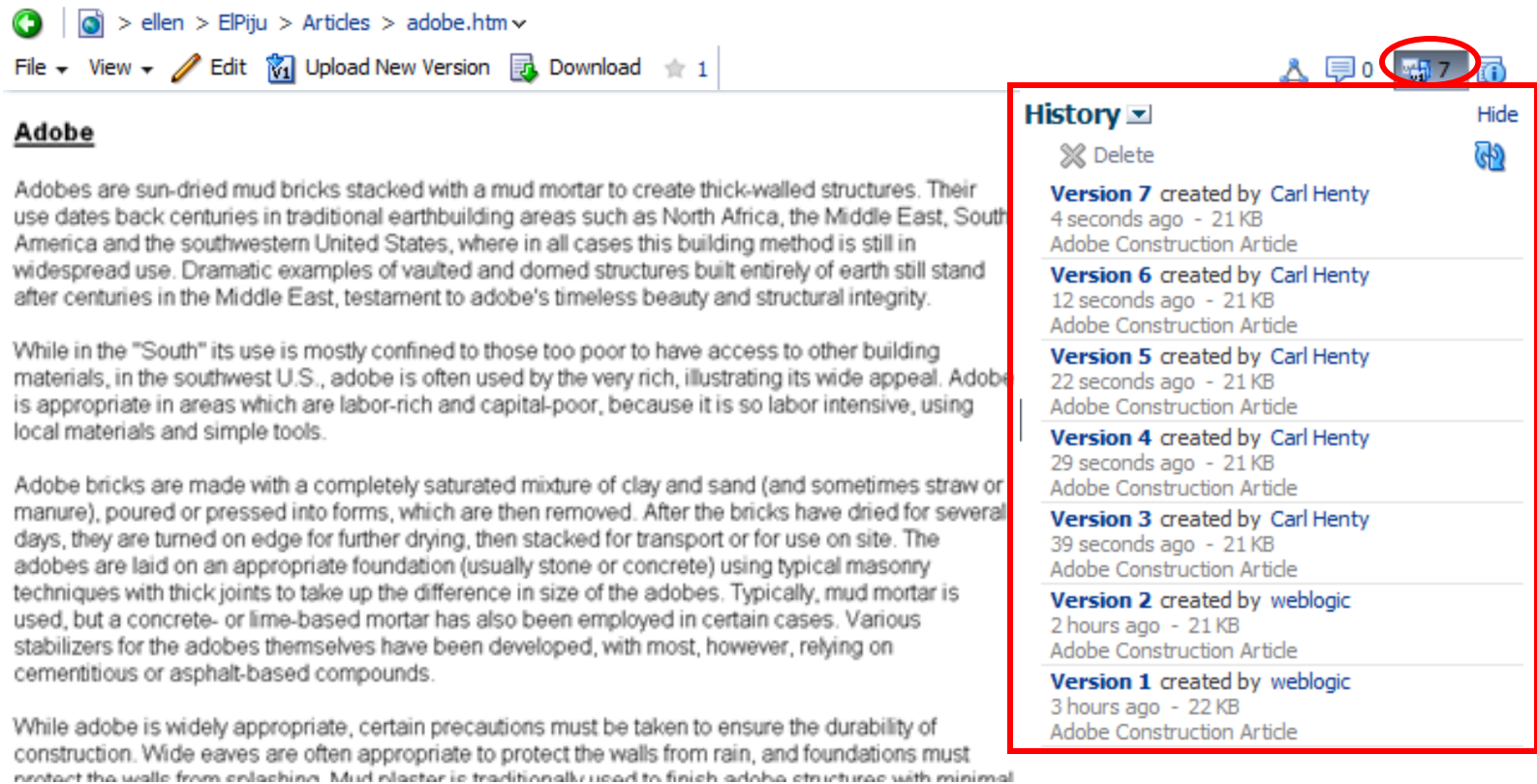
The screenshot shows a document viewer interface. At the top, there is a breadcrumb trail: > ellen > ElPiju > Articles > adobe.htm. Below this is a toolbar with options: File, View, Edit, Upload New Version, and Download. The document title is "Adobe".

The main content area contains three paragraphs of text about adobe bricks. The first paragraph describes their traditional use in North Africa, the Middle East, and South America. The second paragraph discusses their use in the southwest U.S. The third paragraph details the construction process of adobe bricks.

On the right side, there is a "Comments" sidebar. It has a "View last 2 comments" link and a "Hide" button. The sidebar contains four comments from users "weblogic" and "Carl Henty". The "weblogic" user has two comments, and "Carl Henty" has two. At the bottom of the sidebar is a text input field and a "Comment" button. A red circle highlights the comment count "4" in the top right corner of the sidebar.



Accessing Document Version Information

Quickly access document version history and view prior versions of a document.



The screenshot shows a document viewer interface. At the top, there is a breadcrumb trail: > ellen > ElPiju > Articles > adobe.htm. Below this, there are navigation buttons: File, View, Edit, Upload New Version, and Download. A version number '7' is highlighted in a red circle in the top right corner. A 'History' panel is open on the right side, listing seven versions of the document. The panel includes a 'Delete' button and a 'Hide' button. The document content on the left is titled 'Adobe' and contains several paragraphs of text.

History Hide

-  Delete 
- Version 7** created by [Carl Henty](#)
4 seconds ago - 21 KB
[Adobe Construction Article](#)
- Version 6** created by [Carl Henty](#)
12 seconds ago - 21 KB
[Adobe Construction Article](#)
- Version 5** created by [Carl Henty](#)
22 seconds ago - 21 KB
[Adobe Construction Article](#)
- Version 4** created by [Carl Henty](#)
29 seconds ago - 21 KB
[Adobe Construction Article](#)
- Version 3** created by [Carl Henty](#)
39 seconds ago - 21 KB
[Adobe Construction Article](#)
- Version 2** created by [weblogic](#)
2 hours ago - 21 KB
[Adobe Construction Article](#)
- Version 1** created by [weblogic](#)
3 hours ago - 22 KB
[Adobe Construction Article](#)

Adobe

Adobes are sun-dried mud bricks stacked with a mud mortar to create thick-walled structures. Their use dates back centuries in traditional earthbuilding areas such as North Africa, the Middle East, South America and the southwestern United States, where in all cases this building method is still in widespread use. Dramatic examples of vaulted and domed structures built entirely of earth still stand after centuries in the Middle East, testament to adobe's timeless beauty and structural integrity.

While in the "South" its use is mostly confined to those too poor to have access to other building materials, in the southwest U.S., adobe is often used by the very rich, illustrating its wide appeal. Adobe is appropriate in areas which are labor-rich and capital-poor, because it is so labor intensive, using local materials and simple tools.

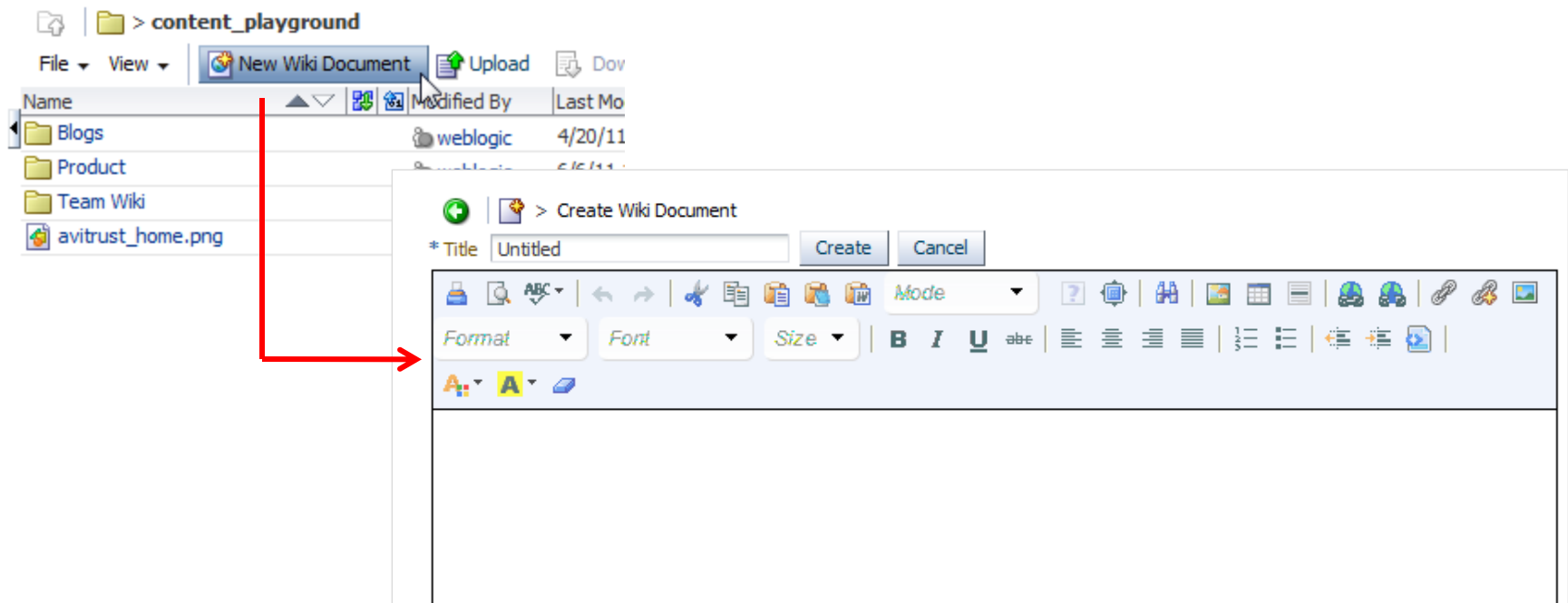
Adobe bricks are made with a completely saturated mixture of clay and sand (and sometimes straw or manure), poured or pressed into forms, which are then removed. After the bricks have dried for several days, they are turned on edge for further drying, then stacked for transport or for use on site. The adobes are laid on an appropriate foundation (usually stone or concrete) using typical masonry techniques with thick joints to take up the difference in size of the adobes. Typically, mud mortar is used, but a concrete- or lime-based mortar has also been employed in certain cases. Various stabilizers for the adobes themselves have been developed, with most, however, relying on cementitious or asphalt-based compounds.

While adobe is widely appropriate, certain precautions must be taken to ensure the durability of construction. Wide eaves are often appropriate to protect the walls from rain, and foundations must protect the walls from encroaching. Mud plaster is traditionally used to finish adobe structures with minimal

Creating a Wiki Document

Wikis promote collaborative authoring and publishing.

- Easily create and edit documents.
- Share knowledge and ideas.



Improved Rich Text Editor

Edit HTML documents and embed other WebCenter Content artifacts, such as images and links to other documents.

The screenshot displays the WebCenter Rich Text Editor interface. At the top left, there is an "Edit" button with a pencil icon. Below it, the breadcrumb path is "> ellen > ElPiju > Articles > adobe.htm". A toolbar contains various editing tools, with a red box highlighting the "Link", "Image", and "Embed Image" icons. A green circle with the number "1" is placed over the "Embed Image" icon. To the right, a dialog box titled "Embed Image" is open, showing options for "Select Image" and "Upload Image". A green circle with the number "2" is placed over the "Embed Image" dialog title. The main content area shows a document titled "Adobe" with two paragraphs of text. A "Comment" button is visible at the bottom right of the content area.

Improved Rich Text Editor (continued)

The screenshot illustrates the workflow of inserting an image into a Rich Text Editor. On the left, a 'Link to Existing' dialog box is open, showing a file explorer view of the 'Materials/Adobe' folder. The file 'adobe.jpg' is selected and highlighted with a red box. A green circle with the number '3' is overlaid on the dialog. On the right, the Rich Text Editor interface is shown. The address bar indicates the current page is 'adobe.htm'. The toolbar includes options for font, size, bold, italic, underline, and image insertion. A green circle with the number '4' is overlaid on the toolbar. The main content area shows the word 'Adobe' in bold, followed by an image of a traditional adobe building. Below the image, the text reads: 'Adobes are sun-dried mud bricks stacked with mud mortar to create thick-walled structures. Their use'.

Previewing Microsoft Office Documents

Paged-style support lets you preview Office documents without having to download them.

The screenshot shows a web interface for document management. On the left, a document titled "wp-owc-benefits-ecm-platform.doc" is previewed in a paged style, with a red box highlighting the document area and a callout bubble labeled "Word document". The document content includes text about ECM systems and a circular diagram titled "Content Management Lifecycle". On the right, a document titled "Integrating Content.ppt" is previewed in a slide view, with a red box highlighting the slide area and a callout bubble labeled "PPT document". The slide content includes a list of "Documents Service Task Flows" such as Document Explorer, Document List Viewer, Document Manager, Document Navigator, Folder Viewer, Recent Documents, Document Viewer, Document Properties, Document Mini Properties, and Document Version History. The Oracle logo is visible at the bottom right of the interface.

Uploading Multiple Files

Upload up to 10 files simultaneously.

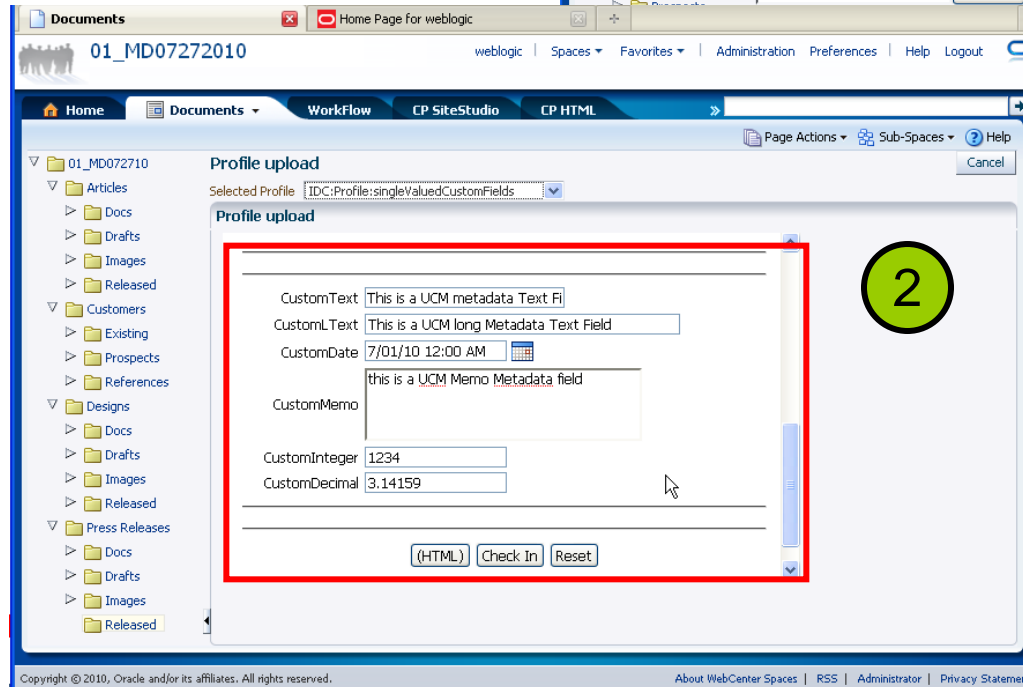
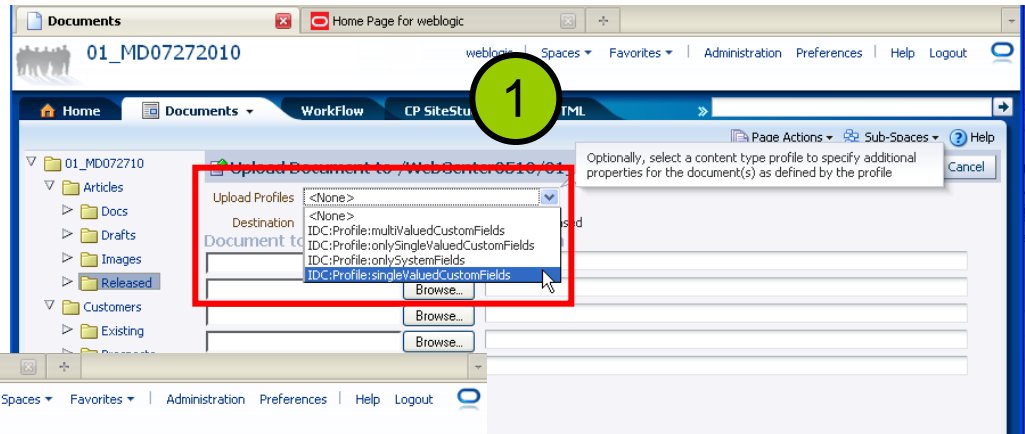
Upload Document to /Spaces/ellen/ElPiju/Leadership [Upload] [Cancel]

Destination /Spaces/ellen/ElPiju/Leadership

Document to Upload	Description
D:\OOOW10\Leadership\AlexisGeon [Browse...]	
D:\OOOW10\Leadership\CarloCesar [Browse...]	
D:\OOOW10\Leadership\ChrisAron.ji [Browse...]	
D:\OOOW10\Leadership\ElPiju_Four [Browse...]	
D:\OOOW10\Leadership\ThomasCo [Browse...]	
[Browse...]	
[Browse...]	
[Browse...]	
[Browse...]	

Integrated Support for WebCenter Content Metadata Content Profiles

- Pick the content profile from the file upload dialog.



- Enter the associated metadata fields during upload.

Modifying WebCenter Content Metadata

View and edit the document metadata from Document Explorer preview pane.

The screenshot displays the WebCenter Document Explorer interface. The main content area shows a document titled "Comparing Earthbag and Adobe.htm" with a preview of the text. The right-hand pane shows the "Properties" section, which is divided into "Basic" and "Advanced" tabs. Both tabs have an "Edit" button highlighted with a red box. The "Basic" tab shows fields for Name, Identifier, Description, Type, Size, Checked Out By, Created, Created By, Last Modified, and Last Modified By. The "Advanced" tab shows fields for Content ID, User Access List, Group Access List, Role Access List, Web Site Object Type, Exclude From Lists, Web Site Section, Region Definition, Tags, Page ID, Workflow Assignment, and Workflow Approval User List. An "Info Update Form" is overlaid on the left side of the document preview, showing fields for Content ID, Type, Title, Author, Security Group, Account, Revision, Comments, and User Access List. The "Info Update Form" also has an "Add User" button.

Comparing Earthbag and Adobe.htm

You can still see adobe ruins scattered across the southwest. Even though the roofs have long since rotted away, the walls are still standing after decades or even 100 years or more of neglect. Clearly, adobe is pretty tough stuff, in part because clay platelets closely align themselves and bond together.

It's fairly straightforward to obtain engineered plans and code approval for adobe buildings, if you can afford it, since this type of construction has been thoroughly widespread.

lacks the same degree of testing and ease of code certain as one can be, that earthbag is stronger than pumped, not just poured. This helps create a denser, history has shown can last for hundreds or thousands of years. The strength of poly bags and barbed wire, which adds to the strength of the earthbag construction, is produced housing being built today.

Info Update Form for 'Comparing Earthbag and Adobe.htm'

Content ID OWCSRV-16200001378

* Type Document - Any generic document

* Title Comparing Earthbag and Adobe.htm

Author weblogic

* Security Group webcenter

Account sffc1881f7e81405f8e3855b727

* Revision 1

Comments

User Access List

Add User

Properties

Basic

Name Comparing Earthbag and Adobe.htm

Identifier UCM#dDocName:OWCSRV-16200001378

Description

Type Document

Size 6 KB

Checked Out By

Created 7/19/11 8:37 AM

Created By weblogic

Last Modified 7/19/11 8:37 AM

Last Modified By weblogic

Advanced

Content ID OWCSRV-16200001378

User Access List

Group Access List

Role Access List

Web Site Object Type

Web Sites

Exclude From Lists

Web Site Section

Region Definition

Tags

Page ID

Workflow Assignment

Workflow Approval User List

Content Presenter Enhancements & Site Studio Support

The screenshot displays the ING Bank Intranet interface. At the top, the 'INTRANET' logo is on the left and the 'ING BANK' logo is on the right. Below the logos, there are navigation links: 'Portal Admin', 'Group Spaces', 'Favorites', 'Administration', and 'Help'. A search bar is located in the center, with 'ING Bank Türkiye' and 'Portal Admin' entered. Below the search bar, there are links for 'Ana Sayfa', 'İş Listesi', 'Etkinlikler', 'Dokümanlar', 'Tartışmalar', 'Gelişmiş Arama', 'Uygulamalar', and 'Tweet'. On the right side, there are 'Page Actions', 'Tags', and 'Links'.

The main content area is divided into several sections:

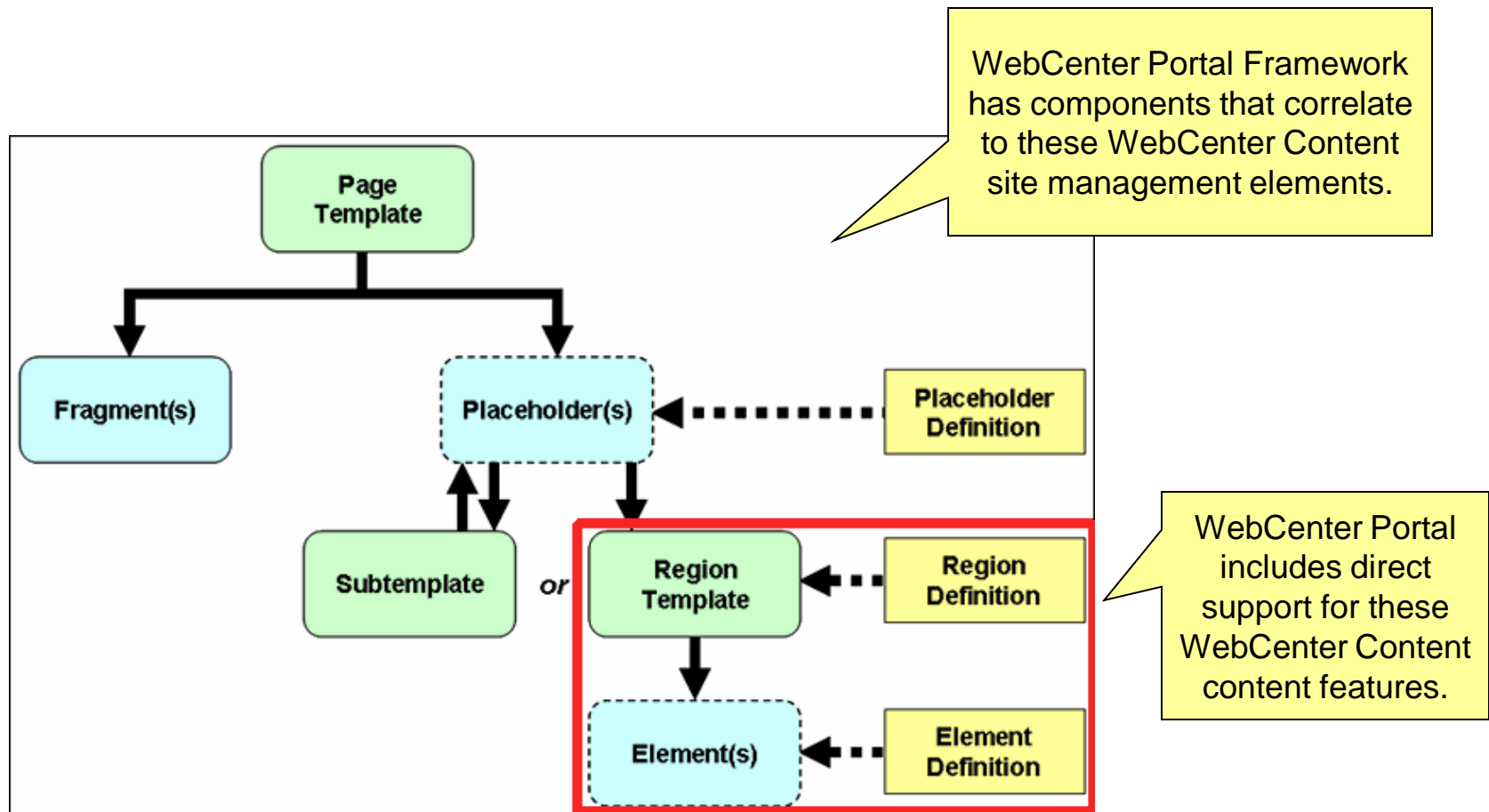
- Bilgilendirme:** A list of news items including 'Personel Servisleri', 'Personel Servisleri Hareket Saati', 'Risk Bildirim Formları Hk. - ÖNEMLİ', 'Sosyal Hizmetler Grubu tarafından yayımlanan duyurular', 'İşyeri Hekimimizin Yıllık İzin Kullanımı', 'Domuz Gribi ve Mevsimsel Grip ile ilgili Sunum', 'Trakya Bölge Müdürlüğümüzün sistemlerinin çalışmaması hk', 'D-Gym - INGBank Kurumsal Üyelik', and 'Yurtiçi Kargo Firması 2010 yılı 1. Dönem Fiyat Ayarlaması'.
- Bağlantılar:** A list of links including 'ING Intranet', 'İş İlekeleri', 'Matters', 'CEO Blog', 'Vincent Blog', 'eZonics', 'Şube Adres ve Telefon Listesi', 'Genel Müdürlük Dahil Listesi', 'Resmi Kurumlar', 'BDDK', 'T.C. Resmi Gazete', 'GB İnternet Vergi Dairesi', 'SGK Sosyal Güvenlik Kurumu', 'TCKM Sorgulama', and 'Trafik / Yol Durumu'.
- Hava Durumu:** A weather widget for Istanbul showing a temperature of 24°C, a sun icon, and a 'Nem Oranı: 44%' label. Below it, there are icons for 'Cumartesi', 'Pazar', and 'Pazartesi' with their respective temperatures: 13° 23°, 14° 23°, and 13° 22°.
- Duyurular:** A table of announcements with columns for 'Title', 'Unit', and 'Date'. The table contains several rows of data, including 'Aciz Vesikasına Bağlanan Kredilerin 0.01 TL iz Bedeline İndirilmesi', 'Şubat 2010 Tarihi Verileri Hazırlanan Şube Sıralaması', 'İflas ve Tedbir Kararları Hk.', 'Organizasyonel Değişiklikler', and 'Mart 2010'da Yapılacak SSK Emekli Maaş Ödemeleri'.
- Size bir sorumuz var:** A poll question: 'Tek kullanımlık banka şifresi uygulamasından memnun musunuz?'. The poll shows a 100.0% response rate for 'Evet'.
- Content Integration / Publishing:** Two large banners with the text 'Content Integration / Publishing' and 'Sözünüze Bonus!'. The top banner features a graphic of a hand holding a coin and the text 'Bu kadar ekstra! Her ay bu kadar harcıyorsunuz. 1000 TL'. The bottom banner features the text 'ING Leasing ve ING Faktoring 18 Mart 2010'da Faaliyete Başlıyor!' and 'Jan Hommen ile Sohbet! - Sorularınız Paylaşın!'.

What is Site Studio?

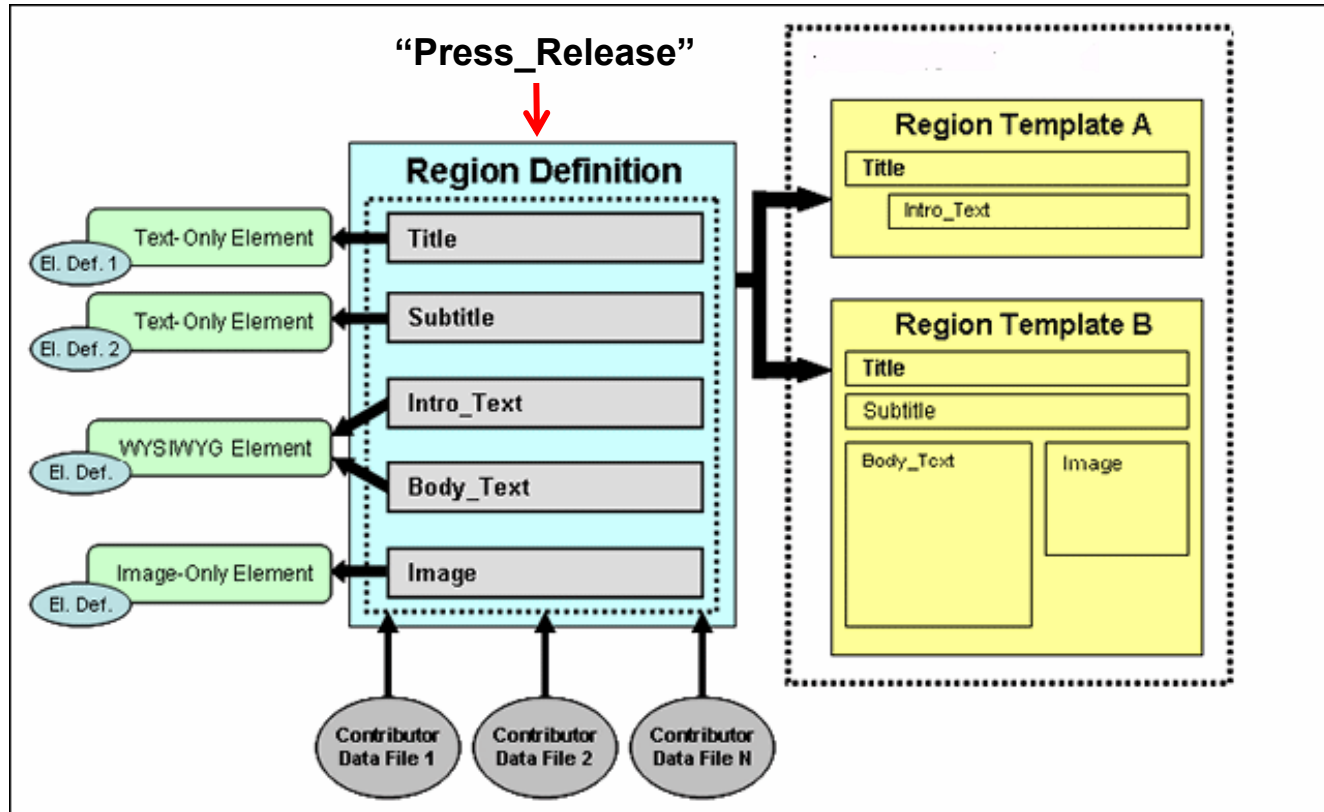
Site Studio is a web development application suite that offers both web site development and content management in one solution. It has three applications:

- Site Studio Designer
- Site Studio Manager
- Site Studio Contributor

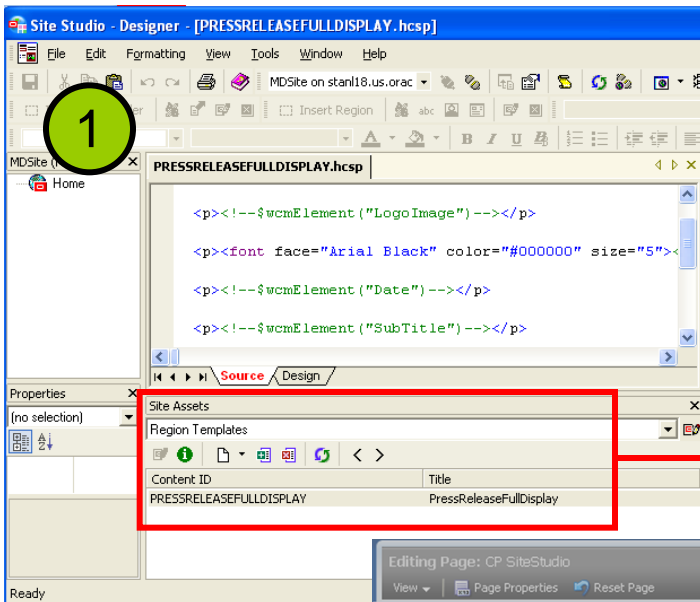
Understanding Site Studio Integration



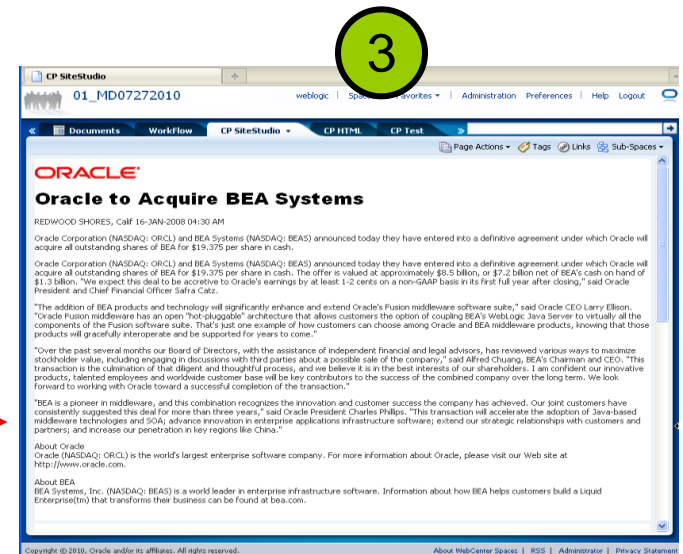
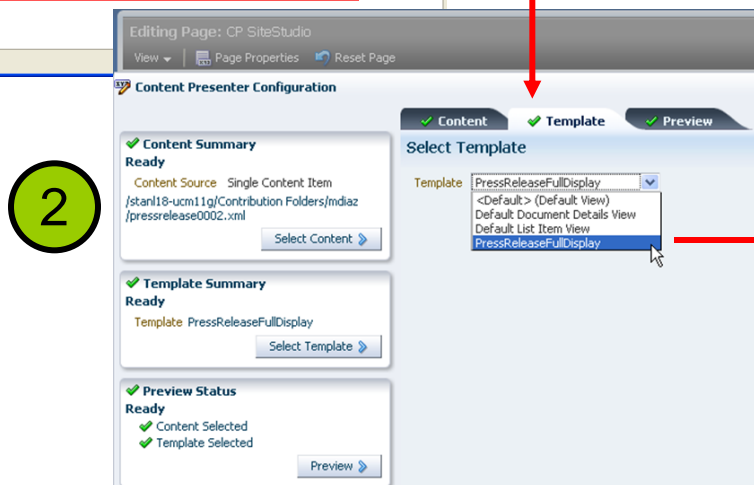
Modeling Content



Rendering Content in a Site Studio Display Template

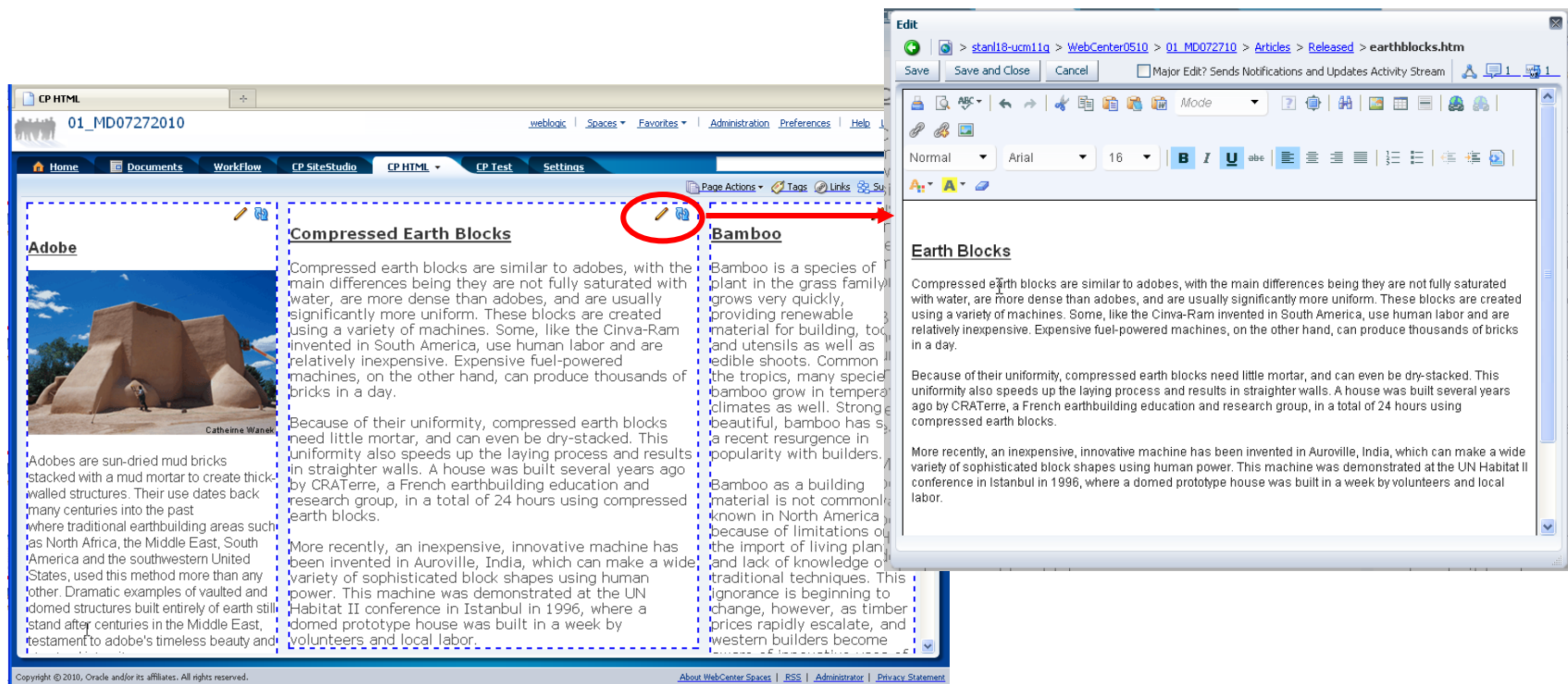


Expose Site Studio region display templates in Content Presenter to display contributor data file content.



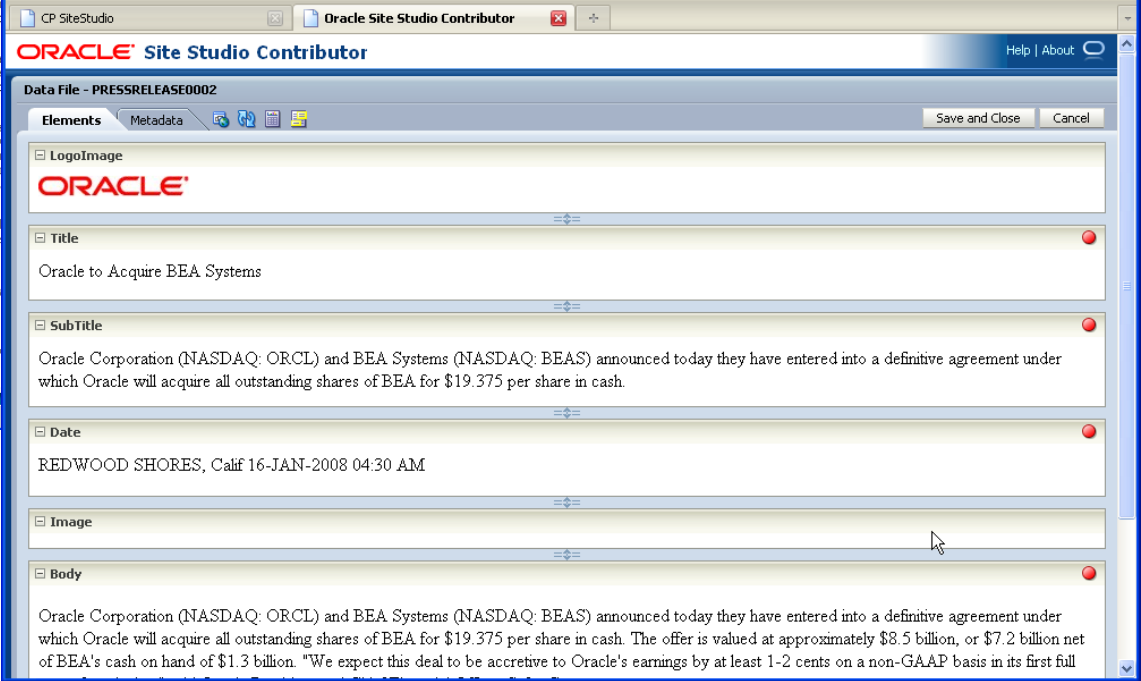
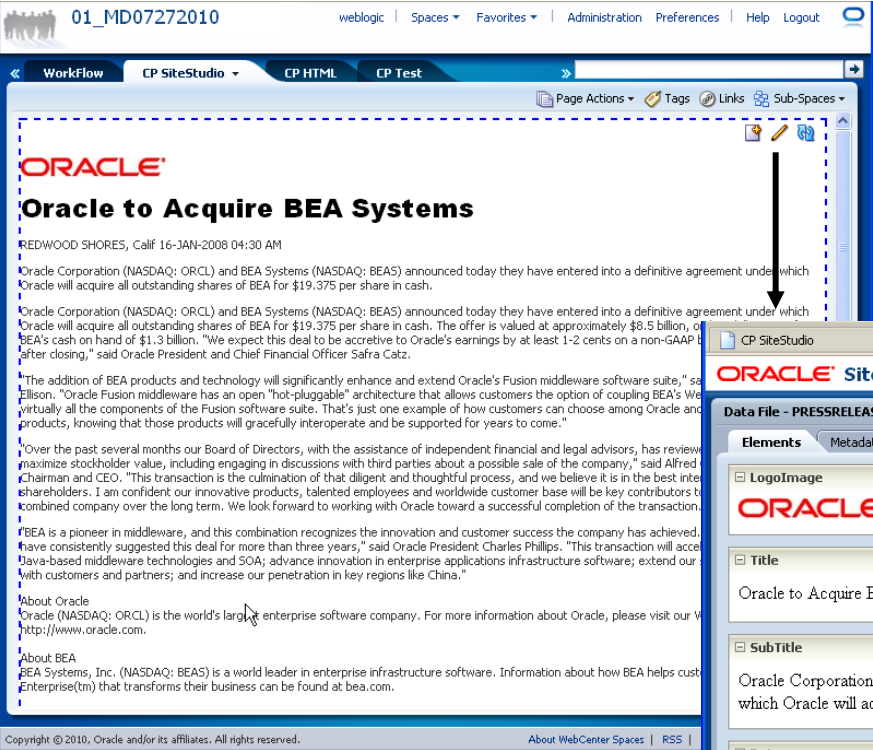
Editing HTML/Wiki Documents

Content Presenter now supports in-context editing of HTML and wiki documents.



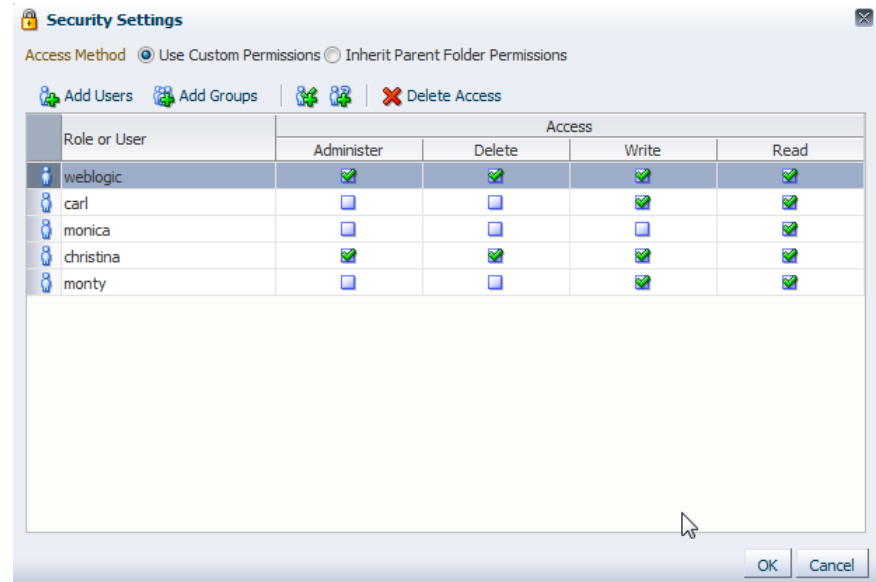
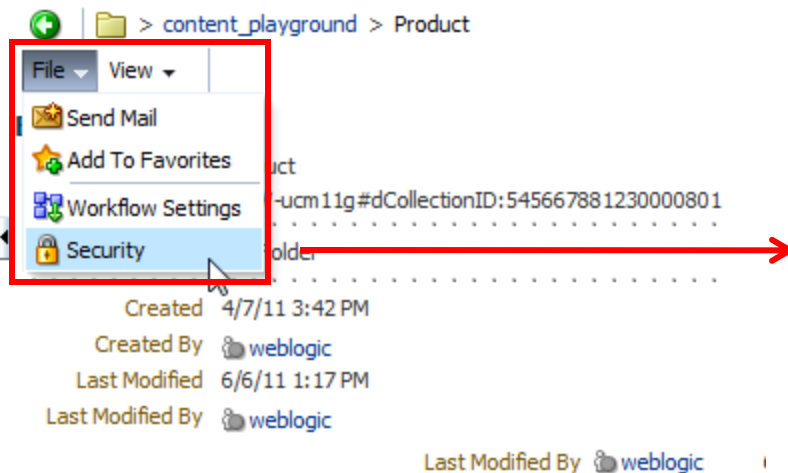
Editing Site Studio Data Files

New support for in-context editing and creation of Site Studio content



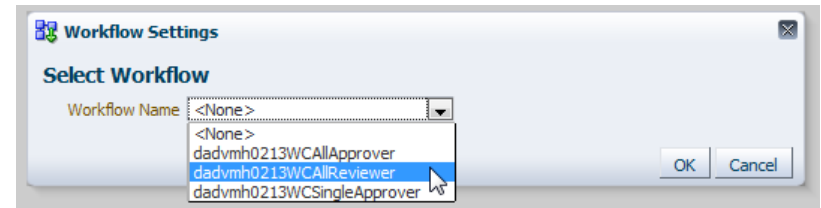
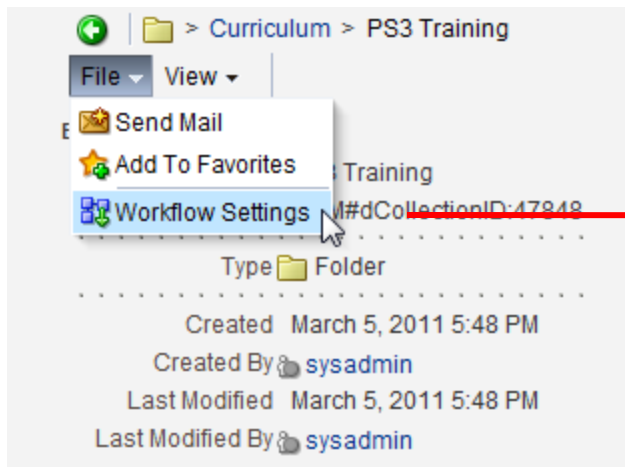
Setting Custom Permissions: Item Level Security

- Document Explorer exposes WebCenter Content item level security on files and folders.
- Provides fine grained access control to documents in WebCenter Portal: Spaces.

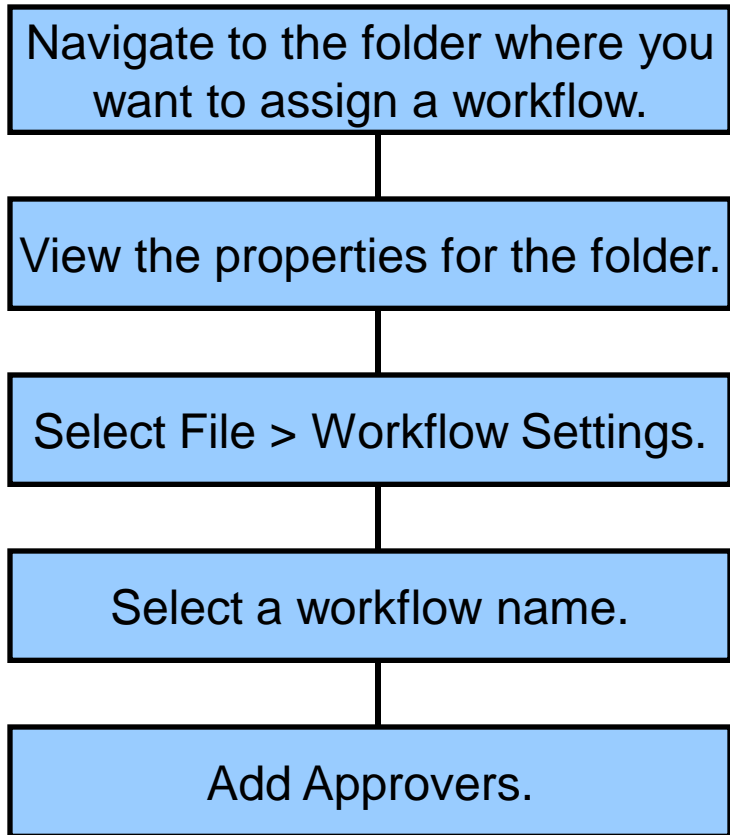


Workflow Support

- New integrated workflows for WebCenter Portal: Spaces
- Three out-of-the-box workflows that can be applied to folders
- Simple administrative interface



Assigning a Workflow



Assigning a Workflow






1

2

3

4

Viewing Workflow Assignments

 corwood.htm	weblogic	7/19/11 9:25 AM
 earthbag.htm	weblogic	7/19/11 9:25 AM
 Living Earth Structures.htm	weblogic	7/19/11 8:37 AM
 Making Wheat Paste.htm	weblogic	7/19/11 8:37 AM
 Straw Bale Construction.doc	weblogic	7/19/11 3:08 PM

Identify the files in a workflow and view workflow details.

Navigation path: > ellen > ElPiju > Articles > Straw Bale Construction.doc

File View Edit with Word Upload New Version Download

This document is currently in a workflow | Approve | Reject | Details



Workflow icon



Straw Bale Construction

Straw-bale construction is a building method that use structural elements, insulation, or both. It is commonly It has advantages over some conventional building sy cost and easy availability, and its high insulation value

Although grasses and straw have been in use in a rar since pre-history around the world, their incorporation manufactured modular bales seems to date back to th the midwestern United States, particularly the sand-hi

Reject reason

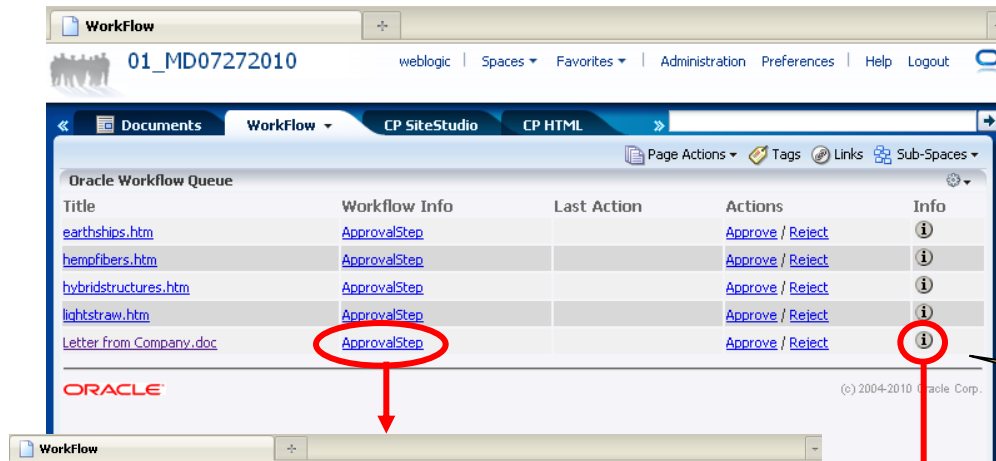
Enter a message explaining the reason for rejecting this document

Include some sample sites in your article.

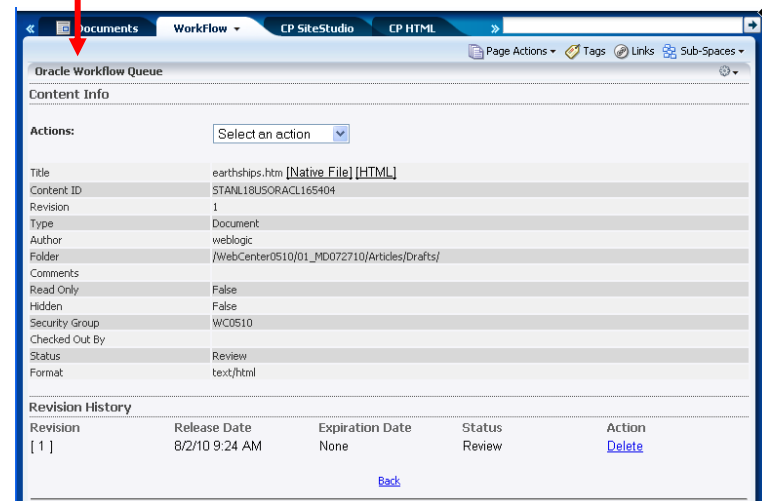
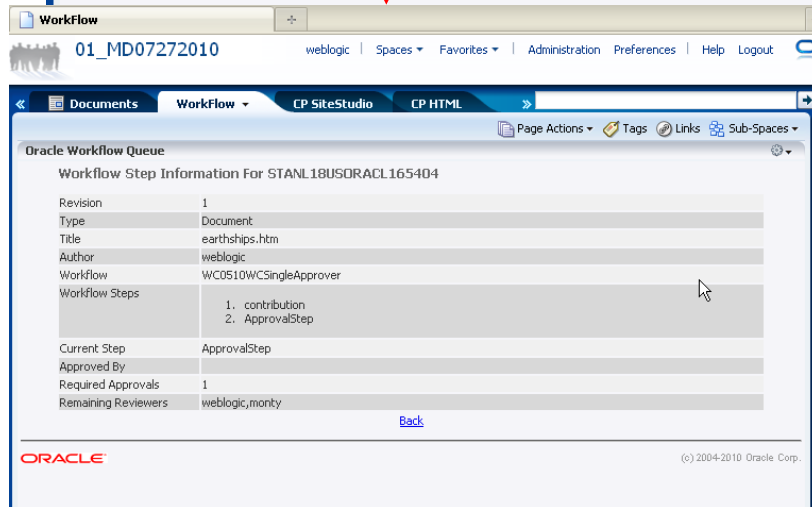
Reject Cancel

Viewing Workflow Files in a Workflow Queue Portlet

You can add the Oracle Workflow Queue portlet to a Spaces page to make it easy for a user to view and interact with their assignments.



Content Information icon



Summary

In this module, you should have learned how to:

- Describe the content management enhancements in PS3
- Render Site Studio content using Content Presenter
- Edit Site Studio content directly from a portal application page
- Provide item-level security
- Assign a workflow to a folder
