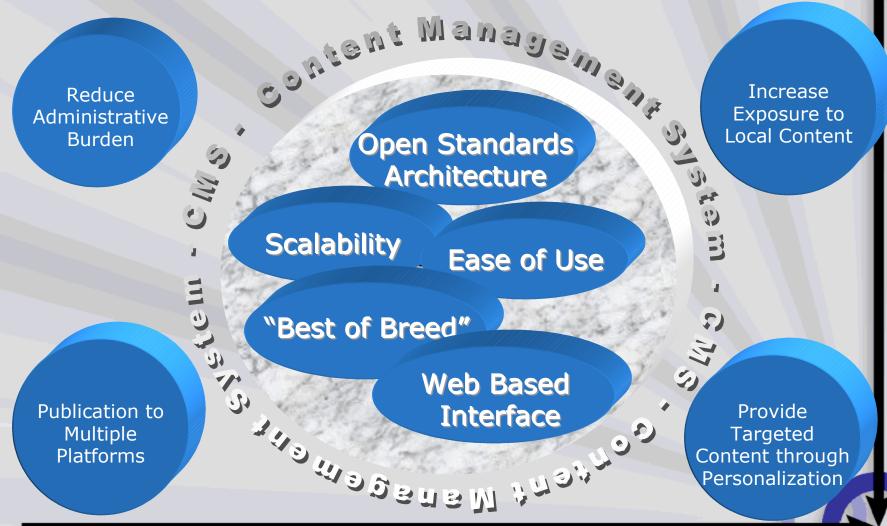
How Do You Spell Relief? C-M-S!



Goals of the CMS and Personalization Initiative





What is a Content Management System?

Separate content from presentation

ontent Managem

Organize and search content by multiple attributes

Secure Personal Workspaces

Apply

templates

Reusable Objects Repository

Library Services

Administration

Workflow

Tagging

In and Out "Locking"

Checking files

Files In Use

Scheduling notifications

Quality Assurance

Automation of update processes

Control Deployment

Associate Metadata at the object level



PBS 2001 Technology Conference

Achieving Localization/Personalization Personelli

Provide personalized view of Online content

Extend current localization Strategy

Publish to multiple platforms

(COPE)

Allow a user to provide preferences

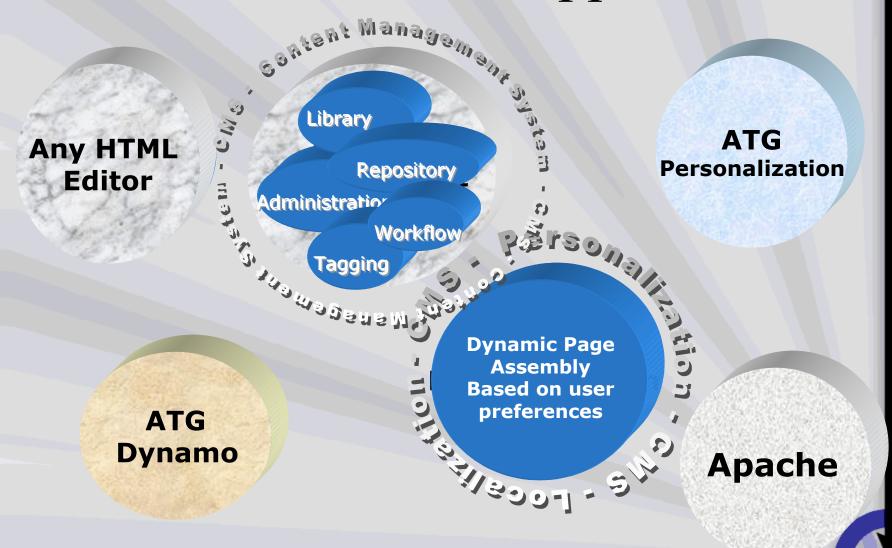
Dynamic Page Assembly Based on user preferences

Prompt user for input

> Move toward a "My PBS" Experience

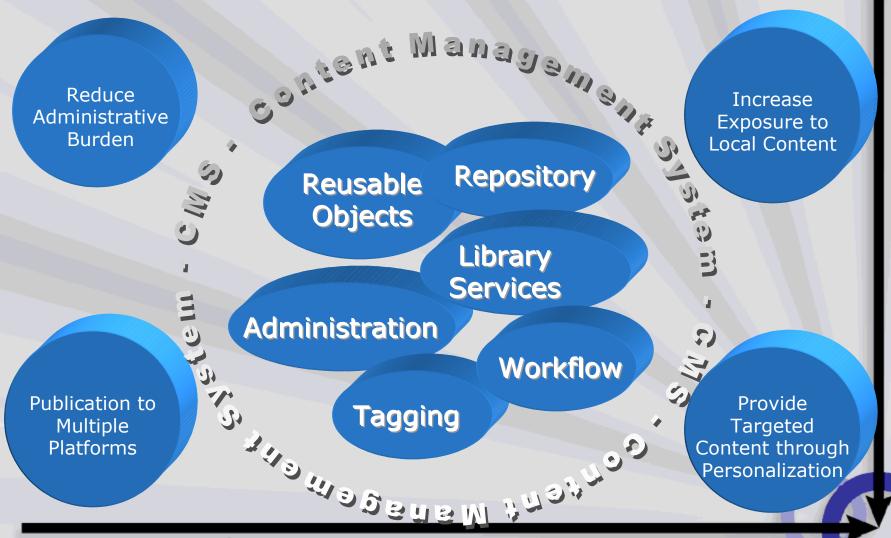


Best of Breed Approach





Goals of the CMS and Personalization Initiative





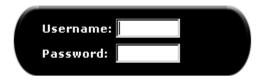
Demonstration Time



Welcome to Para

©2000, eBusiness Technologies - USA, Inc.

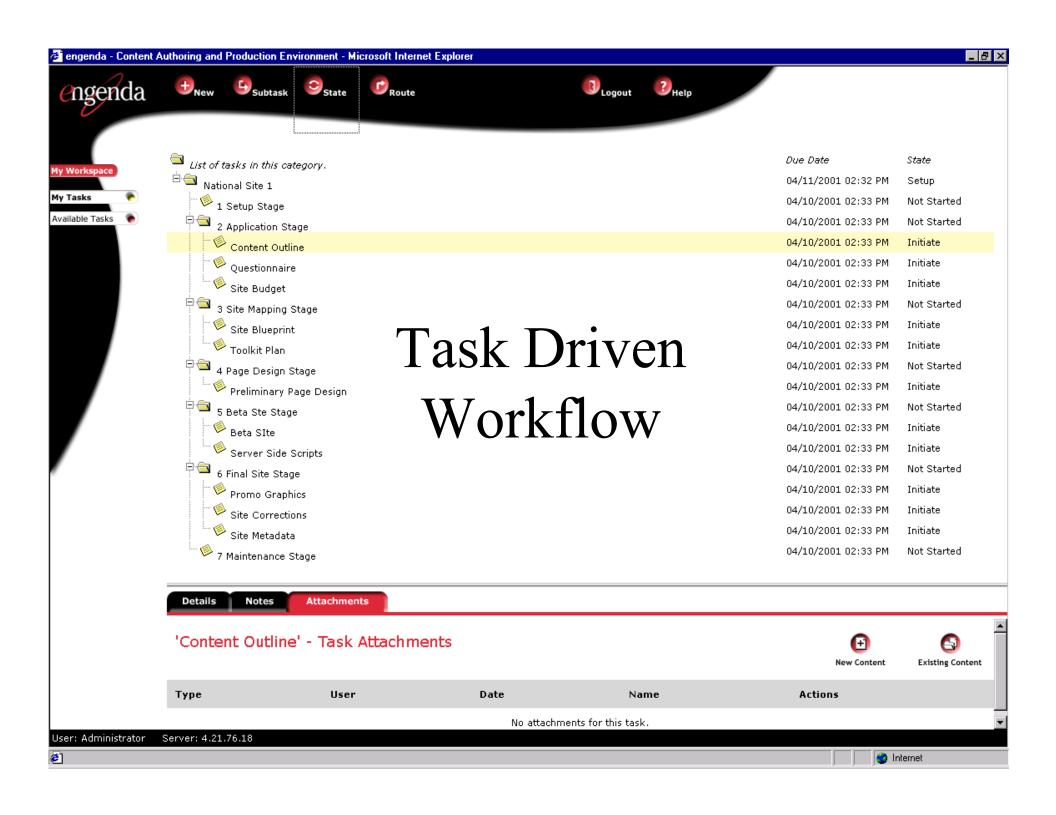
Please enter your username and password:



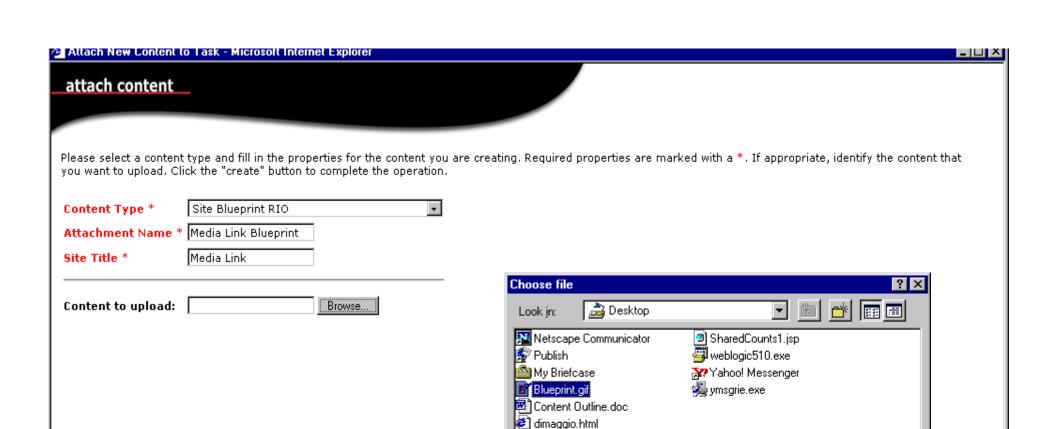




Log In







Uploading Deliverables

File name:

Files of type:

Blueprint.aif

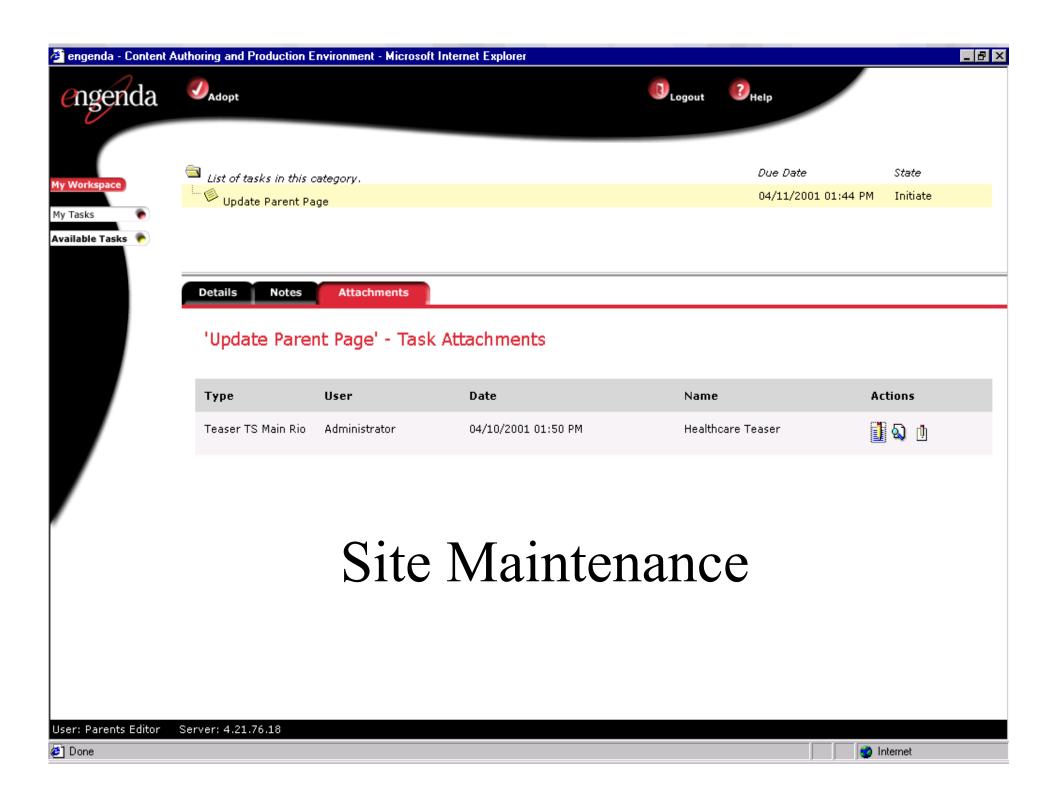
All Files (*.*)

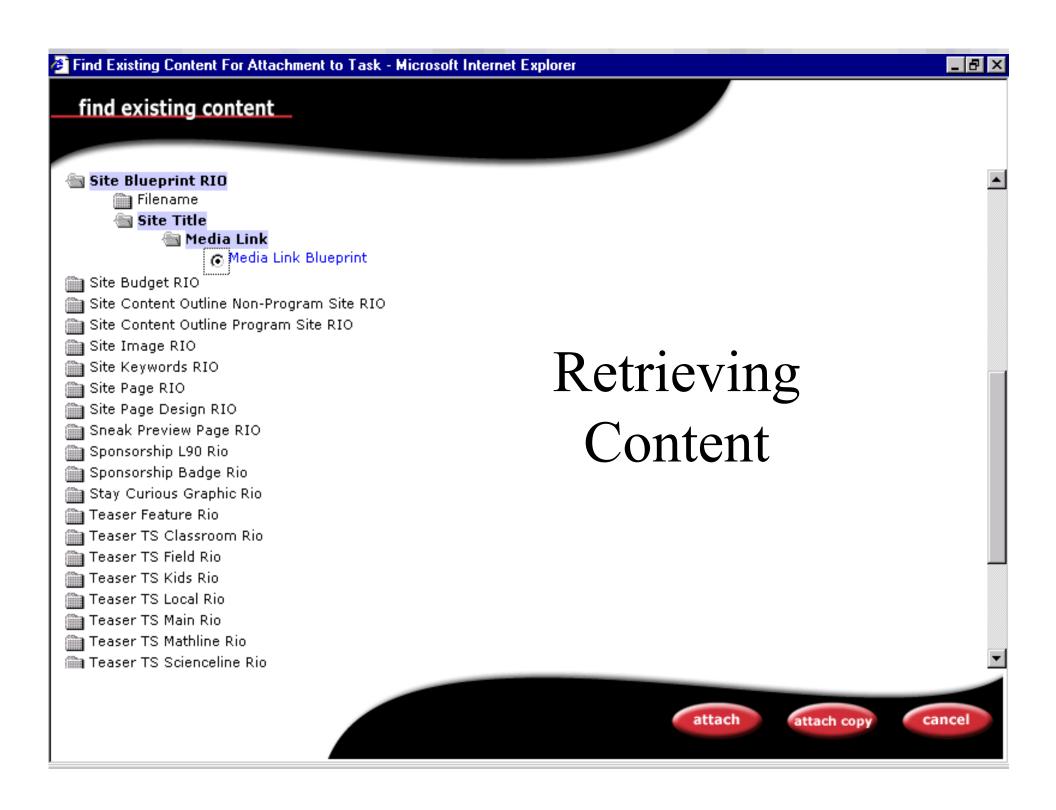


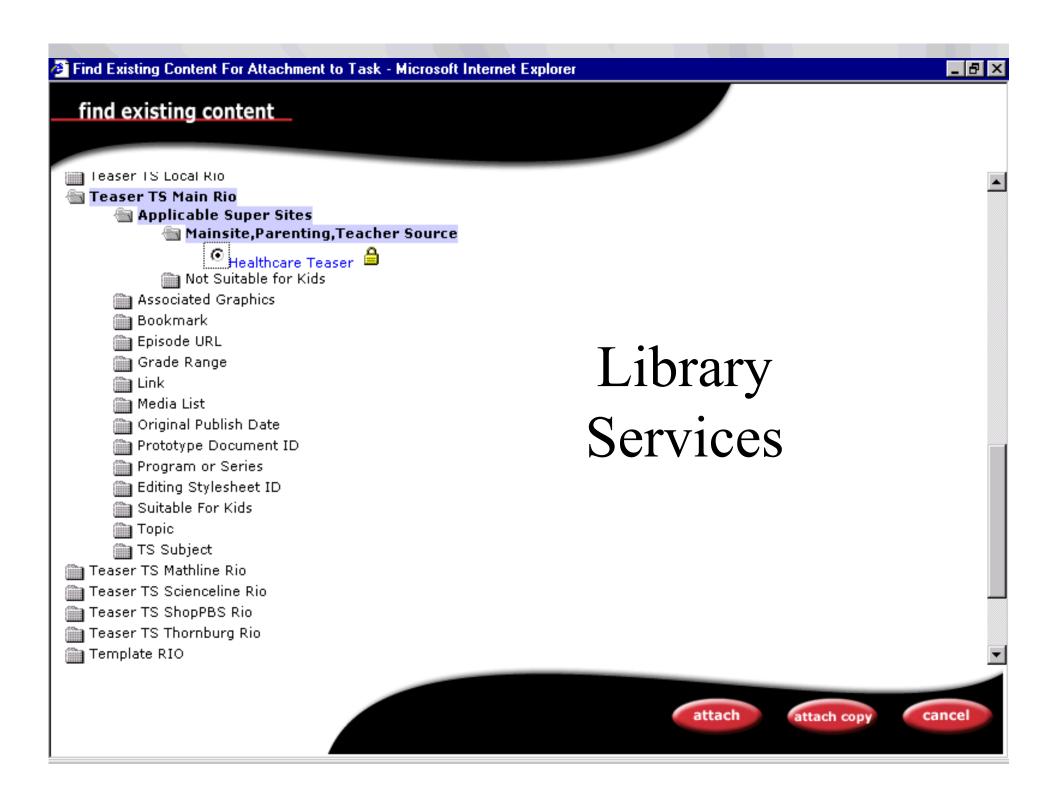
Open.

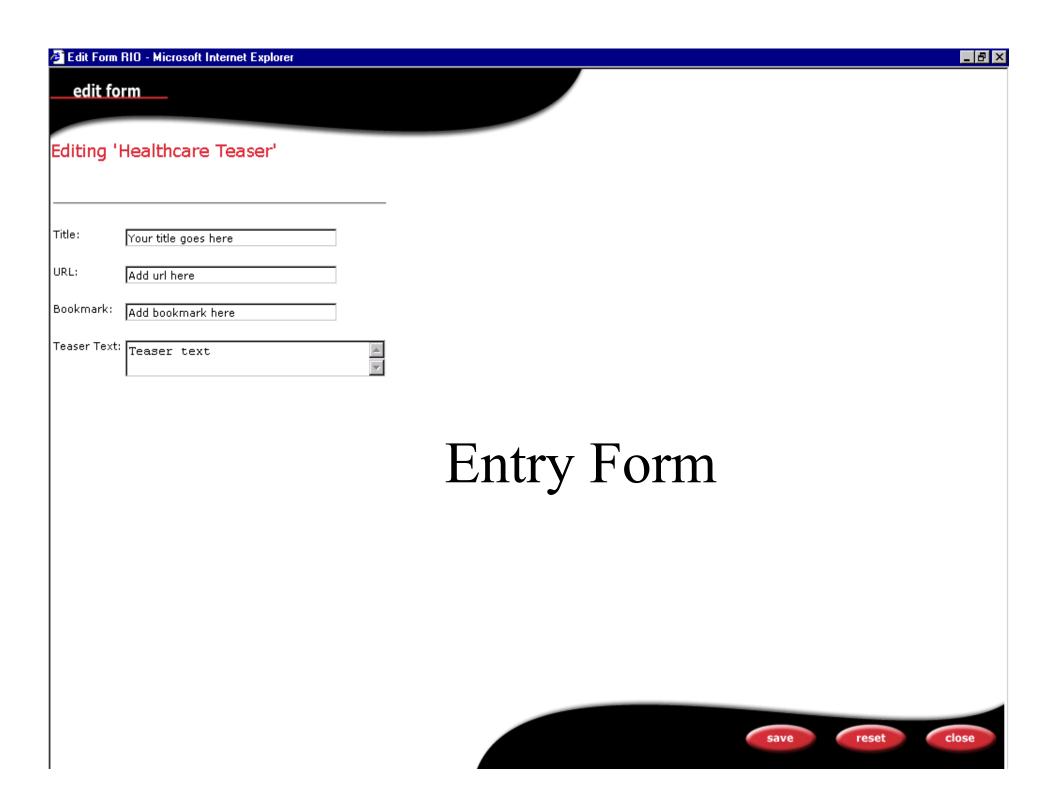
Cancel

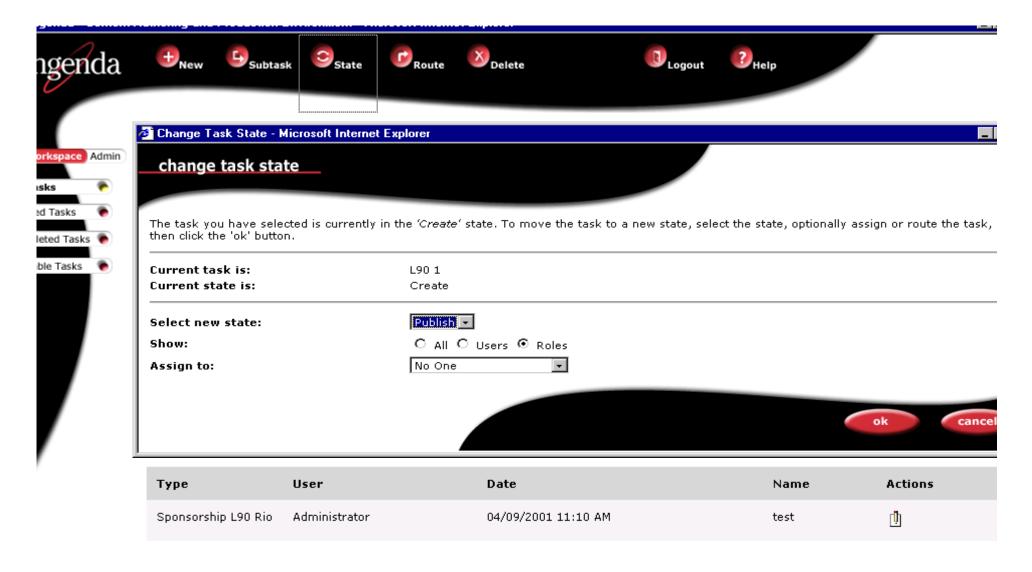
•











Changing the "State" of an Object

dit properties

st Properties

e this form to review and change the metadata properties of the Sponsorship L90 Rio content object. Required properties are marked with a *. When you have made ur changes, click the save button.

ime *
ionsor *
ın Start Date *
splay Page *
splay Priority *
nk to L90 site *
ze of graphic *
ionsorship Terms *
ın End Date
nail body for sponsorship
nk for use in email

test	
test	
03/08/2001 11:03 AM	
Mainsite,Mainsite-Page Mainsite,Mainsite-Page Teachersource,Teache Teachersource,Teache	2 rsource-Page1
Medium 🔻	
http://www.timesofindi	
80 X 70 💌	
Impressions -	
	

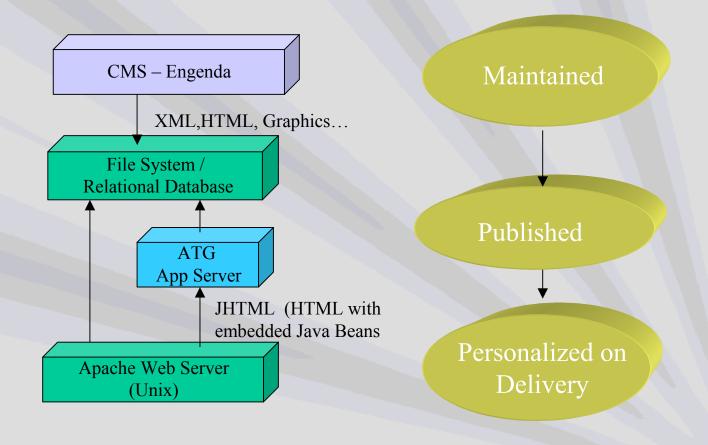
Controlling the Publishing of Content



Key Technologies

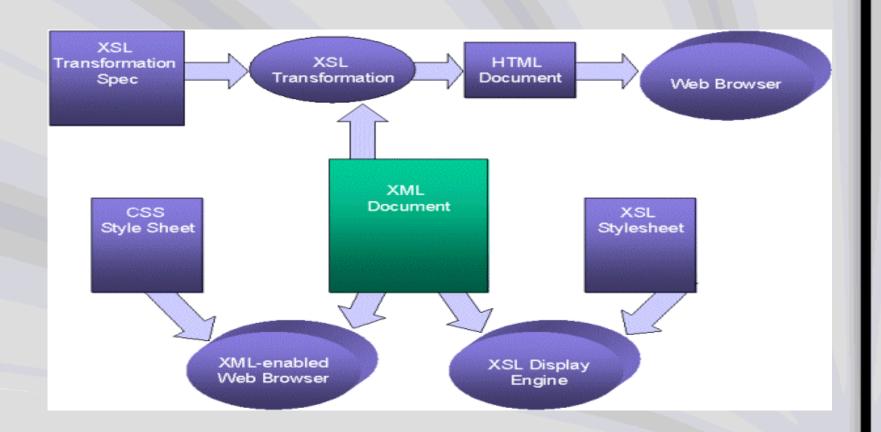


Architecture





Options for displaying XML





XML to HTML

XHTML Result Tree XML Source Tree Book head Chapter Author Chapter h3 div div Title XSLT Title Summary Paragraph Paragraph h2 blockquote Text Figure Text img Title Graphic <html> <head>...</head> <body> Serialization <h1></h1> <h3></h3> </body> </html>



JHTML

The .jhtml page looks something like this:

```
<HTML> <HEAD>
<TITLE>New Dynamo Server Page</TITLE>
</HEAD>

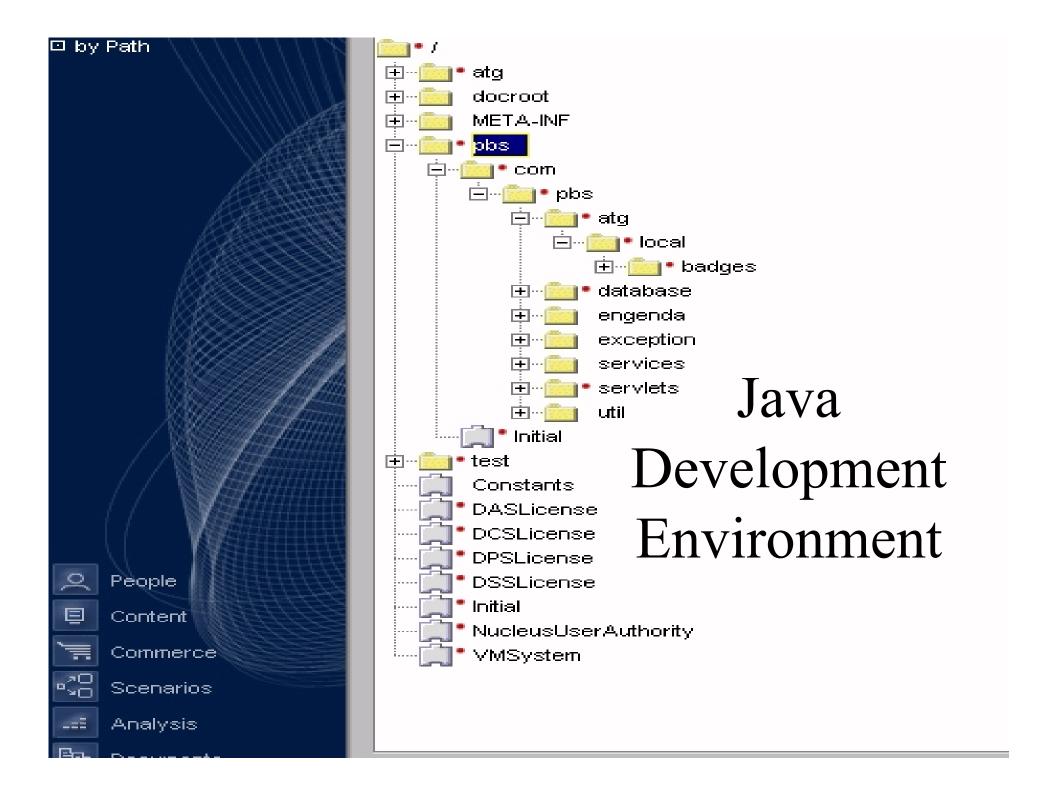
<BODY BGCOLOR="#FFFFFF">
<TABLE>
```

<droplet

```
bean="/pbs/com/pbs/servlets/PBSDynamoServlet">
<param name="displayArea" value="mainsite">
<param name="displayPage" value="mainsite1">
<param name="currentDate" value="12/12/2002">
</droplet>
```

</TABLE></BODY></HTML>





Implementation

		I	II	III	IV
Phase	Functionality by Phase	Reduction of Administrative Burden	Increased Exposure of Local Station Content	Content Publication for Multiple Devices	Targeted Content Exposure through Personalization
1	Architecture				
2	Core Repositories	X		X	
3	Core Workflow	X		X	
4	Initial Personalization	X	X	X	x
5	Localization	X	X	X	Х
6	Parents	X		X	
7	Content Sharing	X	X		X



Project Schedule

						_
ID	0	Task Name	Duration	Start	Finish	W
1		PBS CMS Project	160 day:	Thu 2/1/0	Tue 9/18/0	t
2		Project Initiation	18 days	Thu 2/1/0	Tue 2/27/0	
23		Content Management System Design and Development	112.25 day	Tue 2/13/0	Tue 7/24/0	1
24		Phase 1: Design Architecture	23 days	Tue 2/13/0	Fri 3/16/0	Ī
37		Phase 2: Core Repositories	24 days	Tue 2/20/0	Fri 3/23/0	1
38		High Level Design	6 days	Tue 2/20/0	Tue 2/27/0	1
39		Req 1.01Reusable Page Objects	0.5 day	Tue 2/20/0	Tue 2/20/0	
40		Req 10.03Access to Reusable Items	0.5 day	Tue 2/20/0	Tue 2/20/0	
41		Req 3.14Engenda Interface with PBS Branding	2 days	Wed 2/21/0	Thu 2/22/0	
42		Req 5.02Store deliverables of a production site with project	0.25 day	Thu 2/22/0	Fri 2/23/0	
43		Req 5.03Associate metadata; use in pbs.org and ETV/wirele:	0.25 day	Fri 2/23/0	Fri 2/23/0	
44		Req 5.04Assocate Distribution Rights Metadata	0.25 day	Fri 2/23/0	Fri 2/23/0	
45		Req 2.02Maintain and Update TeacherSource Sponsorship E	0.25 day	Fri 2/23/0	Fri 2/23/0	
46		Write up HLD	2 days	Mon 2/26/0	Tue 2/27/0	
47		PBS Review and signoff on HLD	2 days	Wed 2/28/0	Thu 3/1/0	
48		Design / Prototyping	7 days	Wed 2/28/0	Thu 3/8/0	
49		all other	3 days	Wed 2/28/0	Fri 3/2/0	Ī
50		Req 3.14Engenda Interface with PBS Branding	3 days	Wed 2/28/0	Fri 3/2/0	Ī
51		PBS provide graphics and preferred layout	1 day	Wed 2/28/0	Wed 2/28/0	
52		Req 2.02Maintain and Update TeacherSource Sponsorship E	2 days	Mon 3/5/0	Tue 3/6/0	1
53		Design Reviews	2 days	Wed 3/7/0	Thu 3/8/0	
54		PBS On-line Summit	3 days	Mon 2/26/(Wed 2/28/0	



Project Schedule Continued

ID	0	Task Name	Duration	Start	Finish
54	<u> </u>	PBS On-line Summit	3 days	Mon 2/26/01	Wed 2/28/01
55	1	PBS write User Acceptance Test Plan	2 days	Thu 3/1/01	Fri 3/2/01
56	III	PBS Write User Acceptance Test (UAT) Scripts	2 days	Fri 3/9/01	Mon 3/12/01
57	III	PBS Review and signoff on DD	2 days	Tue 3/13/01	Wed 3/14/01
58		Implementation	7 days	Fri 3/9/01	Mon 3/19/01
59	III	all other	2 days	Fri 3/9/01	Mon 3/12/01
60	III	Reg 3.14Engenda Interface with PBS Branding	3 days	Tue 3/13/01	Thu 3/15/01
61		Req 2.02Maintain and Update TeacherSource Sponsorship Badges	2 days	Fri 3/16/01	Mon 3/19/01
62		Functional Test	17 days	Thu 3/1/01	Fri 3/23/01
63	III	Write Functional Test Plan for all Phases	4 days	Fri 3/9/01	Wed 3/14/01
64	111	Write Test Cases Phase 2	3 days	Thu 3/15/01	Mon 3/19/0
65	III	Sample PBS content to test	1 day	Thu 3/1/01	Thu 3/1/0
66		Execute test cases	2 days	Tue 3/20/01	Wed 3/21/0
67	1	Fix bugs	2 days	Thu 3/22/01	Fri 3/23/0
68	111	Phase 2: Core Repositories Complete and Signed Off by PBS	0 days	Fri 3/23/01	Fri 3/23/0
69		Phase 3: Core Workflow	23 days	Fri 3/16/01	Tue 4/17/01
90		Phase 4: Initial Personalization	20 days	Fri 4/6/01	Thu 5/3/01
120	₩ (PBS Annual Meeting in Phila	3 days	Wed 6/13/01	Fri 6/15/0
121	- `	Phase 5: Local Stations	26 days	Mon 4/23/01	Tue 5/29/01
146		Phase 6: Parenting 1	19 days	Wed 5/30/01	Mon 6/25/01
172		Phase 7: Content Sharing	27.25 days	Thu 6/14/01	Tue 7/24/01
195		Final System Integration Test	50 days	Mon 6/25/01	Tue 9/4/01
209		Migration of CMS System from TS to PBS	3 days	Wed 8/1/01	Fri 8/3/0
210		Regression Test	1 day	Mon 8/6/01	Mon 8/6/0
211		User Acceptance Test for CMS	73 days	Tue 6/5/01	Mon 9/17/01
225		Knowledge Transfer	38 days	Thu 7/26/01	Tue 9/18/01
233		Project Management	151 days	Mon 2/12/01	Fri 9/14/01
235	III	Post Project Review	1 day	Wed 9/12/01	Wed 9/12/01



Questions and Answers

