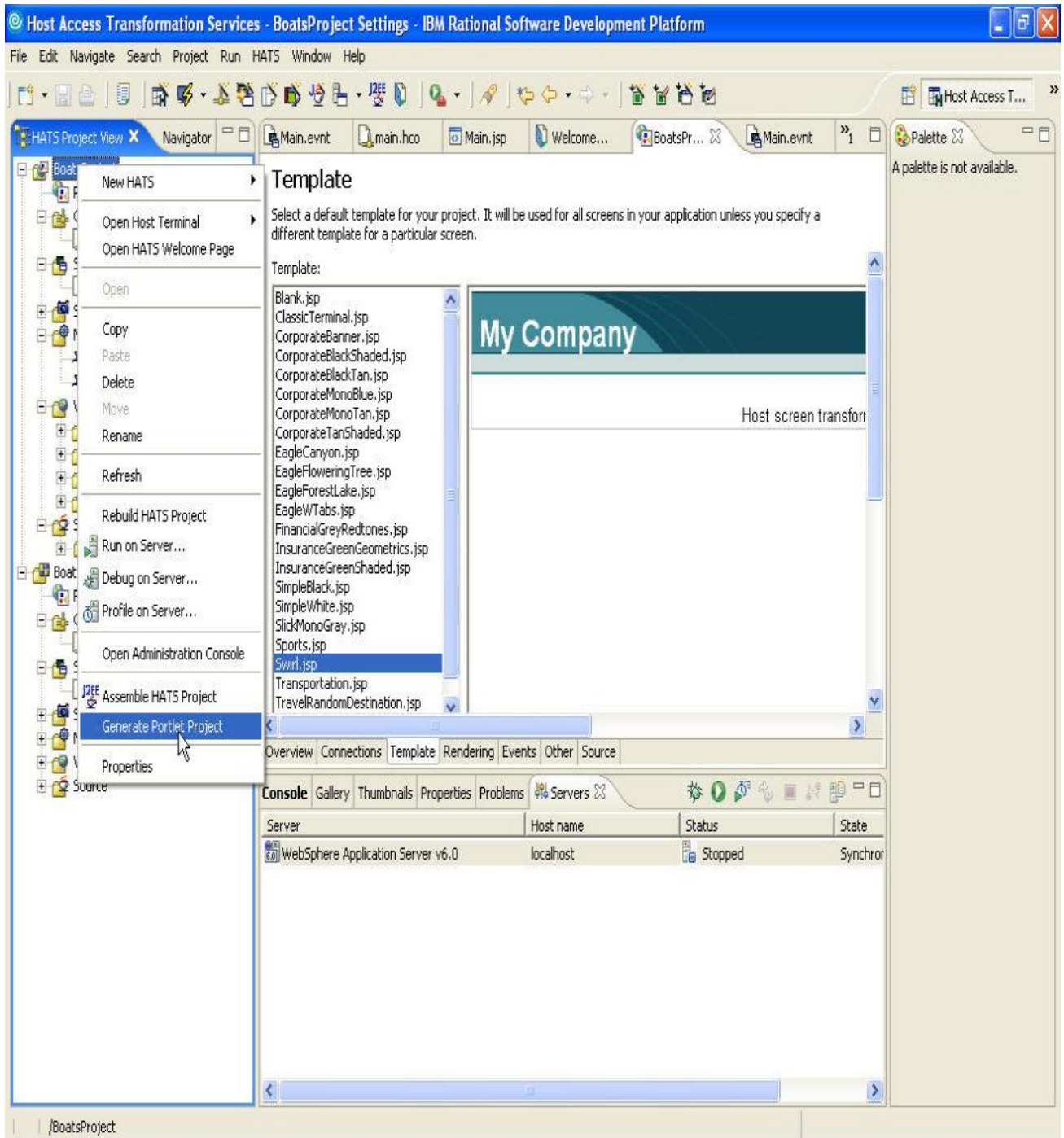


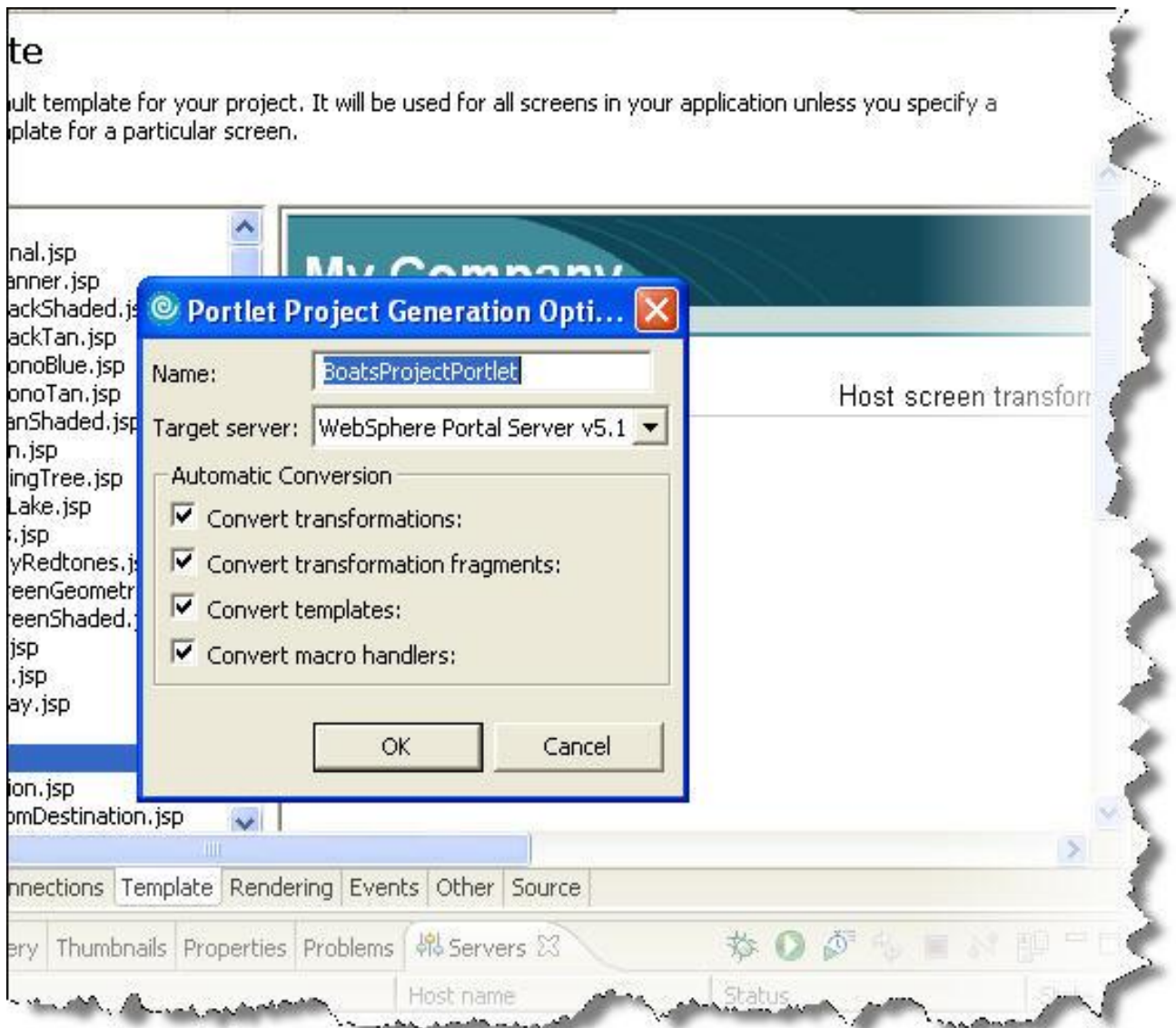
CREATING HATS PORTLET AND DEPLOYMENT ON PORTAL SERVER

This white paper intends to show how to create HATS Portlets and subsequent deployment on portal server. It covers all the necessary steps to create and deploy HATS Portlets on Portal service

1. Launch the HATS studio and Open Boats project.
2. Right Click on Boats Project and click on '**Generate Portlet Project**'

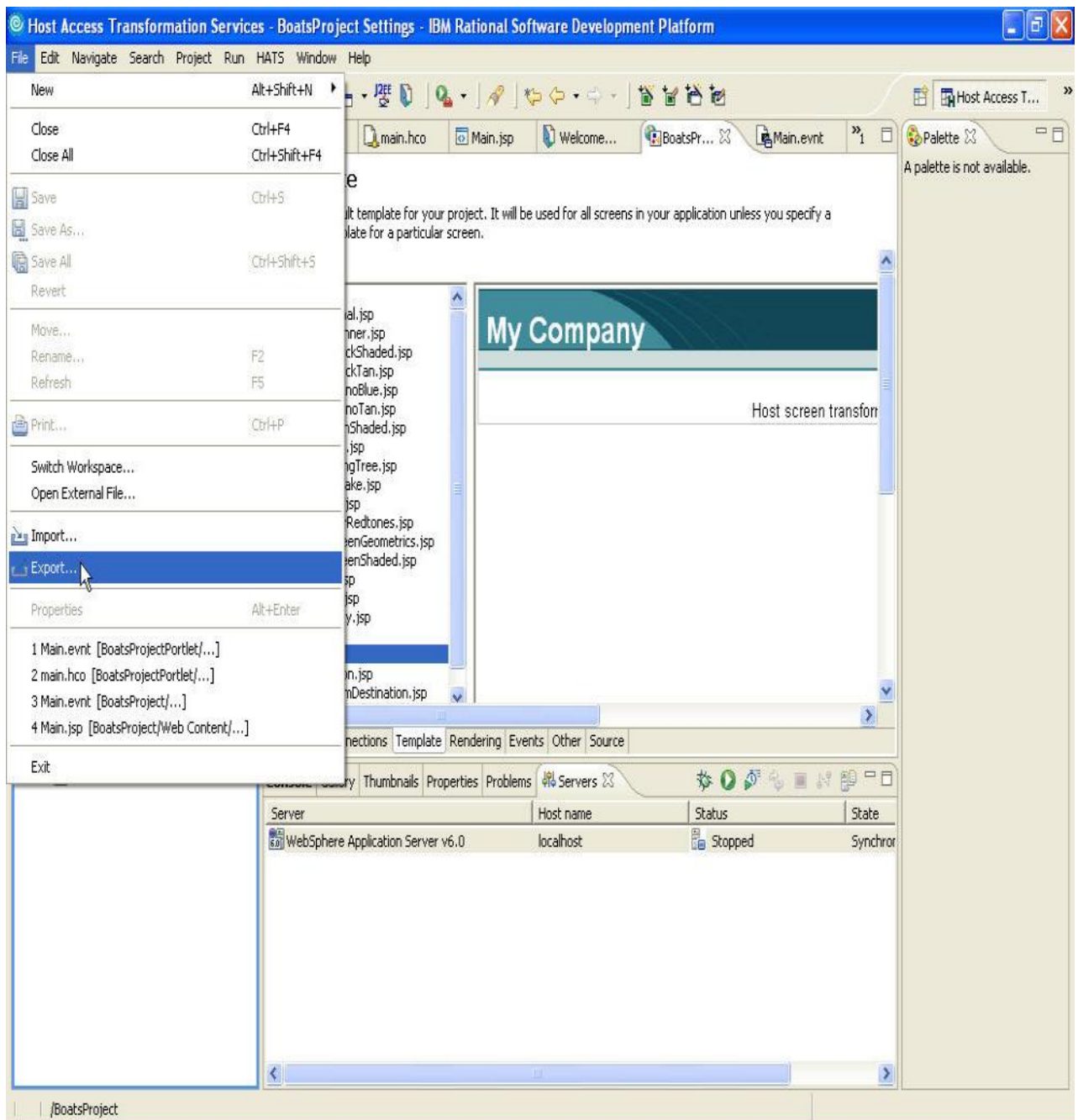


3. Type '**BoatsProjectPortlet**' and select the Target Server. Check all the boxes as shown below.



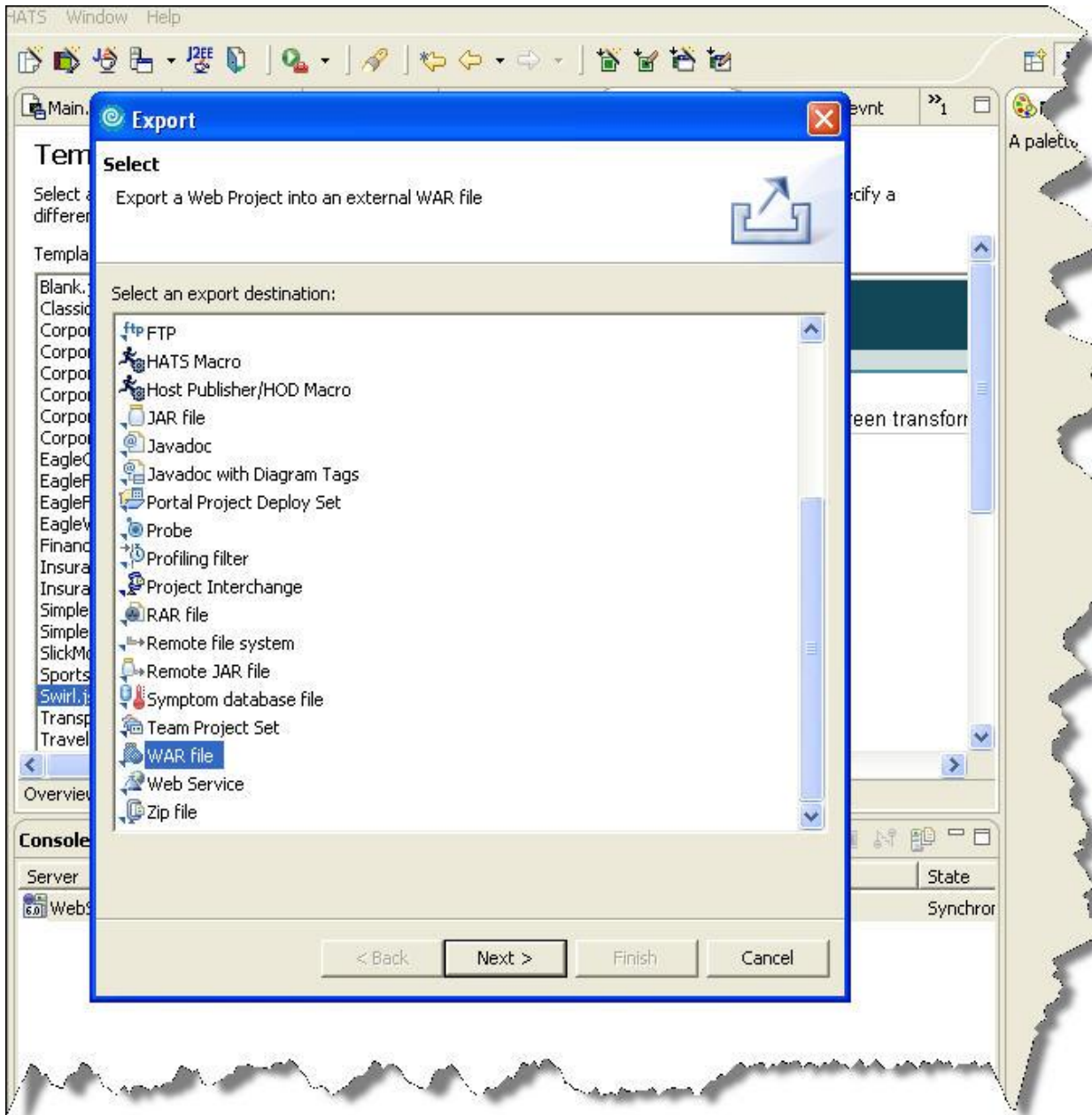
4. Click **Ok**.

5. Now, in order to export the project, Click **File > Export . . .**

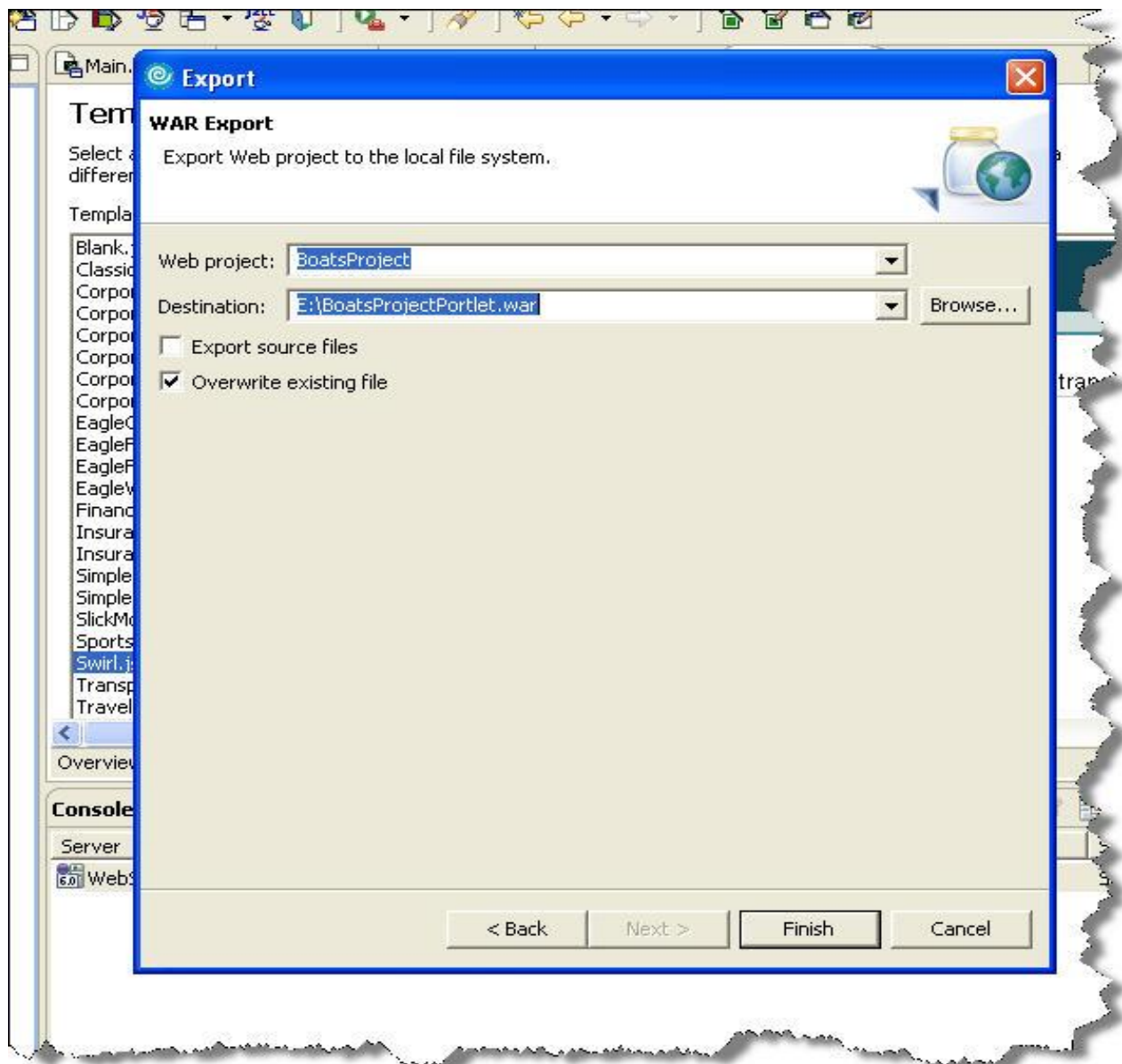


6. Select '.WAR file' from export destination list.

7. Click '**Next**'



8. Select the Destination name as '**BoatsProjectPortlet.War**'.
9. Click **Finish**.

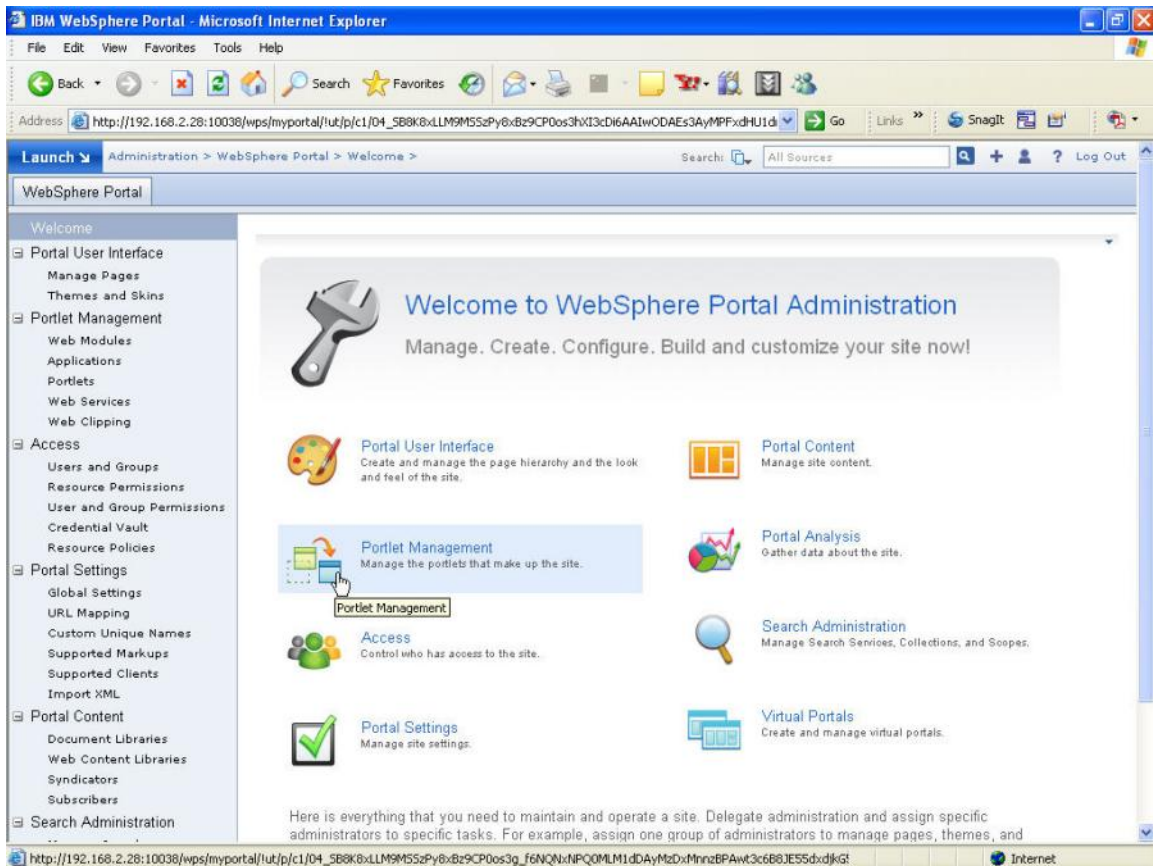


How to deploy the HATS project War file on Portal server

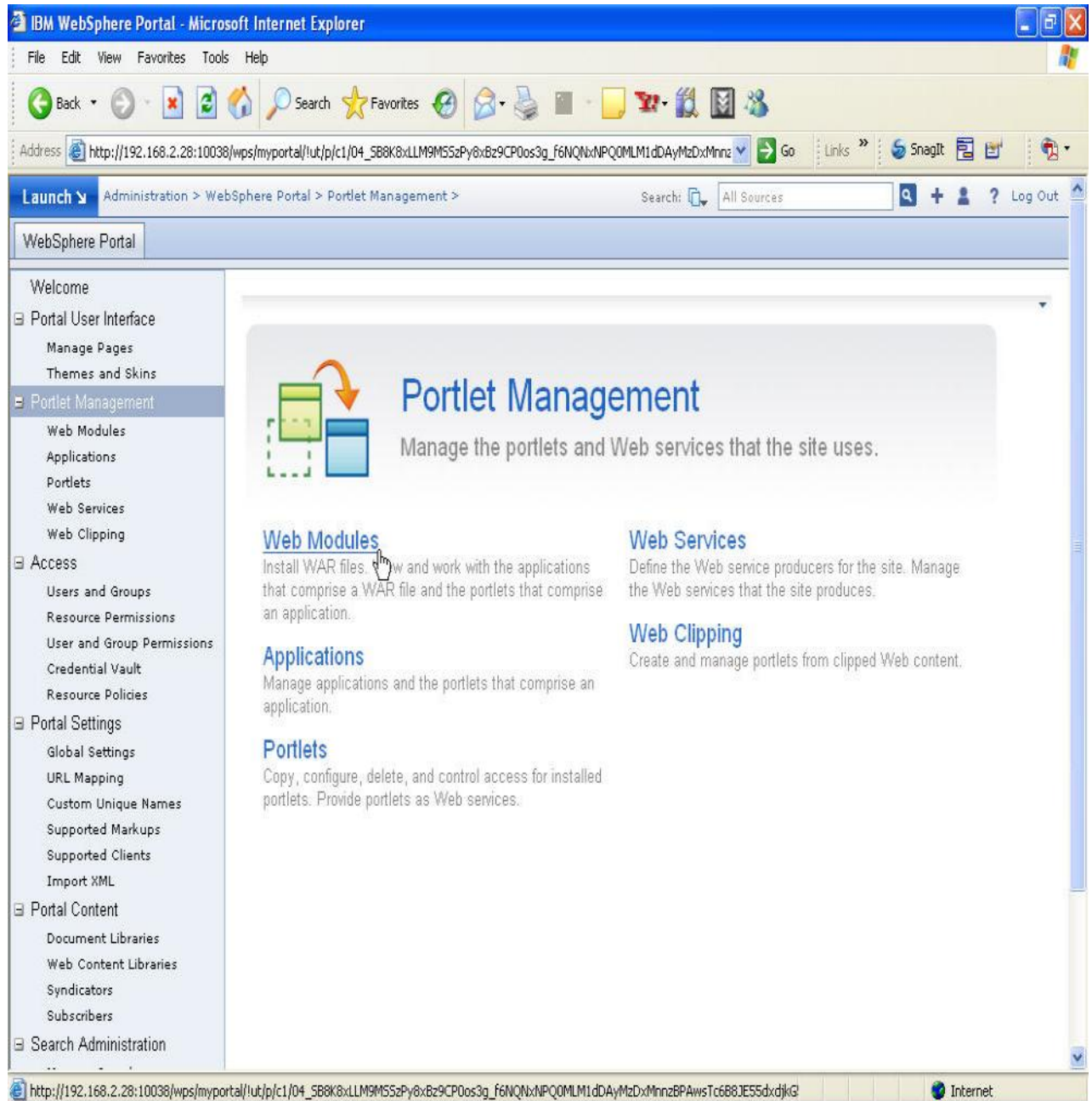
1. Log In to the Portal Server using *User ID & Password*.



2. Click Administration tab and Click on Portal Management



3. Click on 'Web Modules'



4. Click **Install**.

The screenshot shows the IBM WebSphere Portal Administration console in a Microsoft Internet Explorer browser. The address bar shows the URL: http://192.168.2.28:10038/wps/myportal/!ut/p/c1/04_5B8K8xLLM9M55zPy6xBz9CP0os3g_f6NQNxNPQ0MLM1dDAyMzDxMnnzBPawtvU688JE55dxdkjG. The breadcrumb navigation shows: Administration > WebSphere Portal > Portlet Management > Web Modules >. The left sidebar contains a tree view with categories: Welcome, Portal User Interface (Manage Pages, Themes and Skins), Portlet Management (Web Modules, Applications, Portlets, Web Services, Web Clipping), Access (Users and Groups, Resource Permissions, User and Group Permissions, Credential Vault, Resource Policies), Portal Settings (Global Settings, URL Mapping, Custom Unique Names, Supported Markups, Supported Clients, Import XML), Portal Content (Document Libraries, Web Content Libraries, Syndicators, Subscribers), and Search Administration.

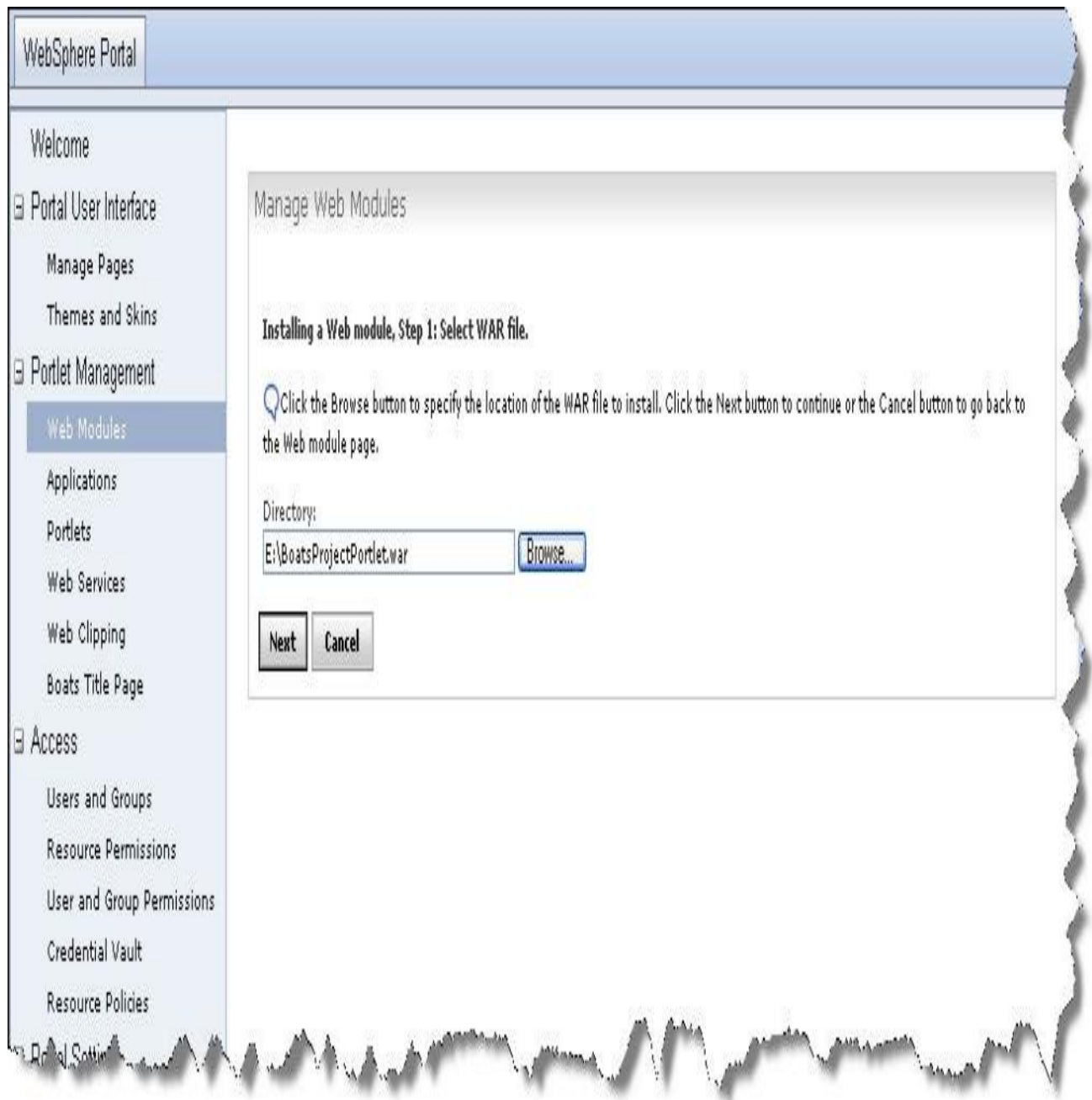
The main content area is titled 'Manage Web Modules'. It includes a search bar with a dropdown set to 'File name starts with' and a 'Search' button. Below the search bar is a description: 'Web modules Click Install to install a Web module. Select a Web module to view its portlet applications and portlets. Click Delete to remove the Web module from your portal or click Assign Access to allow others to work with the Web module.' There are two buttons: 'Install' and 'Consume'. The 'Install' button is highlighted with a mouse cursor.

Below the buttons is a table listing web modules. The table has two columns: 'Name' and 'Status'. The table contains 10 rows of data, each with a link to the module's details and a set of icons for actions (Install, Consume, Delete, Assign Access). The table is paginated, showing 'Page 1 of 9' and a 'Jump to page: 1' link.

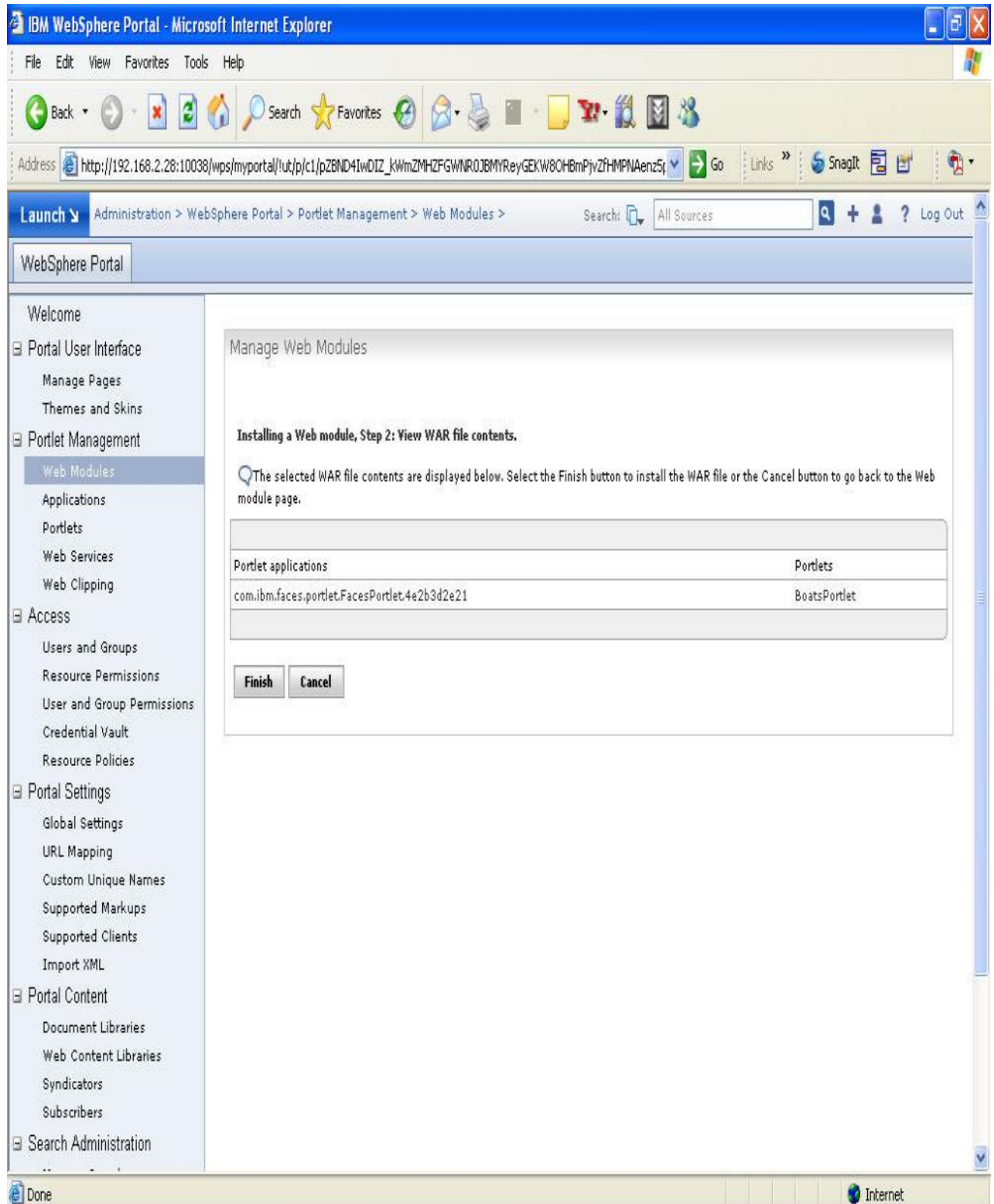
Name	Status
portletWiring.war	[Icons]
PortletManager.war	[Icons]
ManageWebservices.war	[Icons]
ThemesAndSkinsManager.war	[Icons]
contentlayout.war	[Icons]
Properties.war	[Icons]
Managepages.war	[Icons]
FrequentUsers.war	[Icons]
WelcomePortlet.war	[Icons]
CredentialAdministration.war	[Icons]

The bottom of the page shows the same URL as the address bar and an 'Internet' icon.

5. Type the path and name of .war file in the directory.
6. Click '**Next**'.



7. Click **'Finish'**.



8. Click 'Portlets'.

Launch Administration > WebSphere Portal > Portlet Management > Portlets >

Search: All Sources

WebSphere Portal

Welcome

- Portal User Interface
 - Manage Pages
 - Themes and Skins
- Portlet Management
 - Web Modules
 - Applications
 - Portlets**
 - Web Services
 - Web Clipping
- Access
 - Users and Groups
 - Resource Permissions
 - User and Group Permissions
 - Credential Vault
 - Resource Policies
- Portal Settings
 - Global Settings
 - URL Mapping
 - Custom Unique Names
 - Supported Markups
 - Supported Clients
 - Import XML
- Portal Content
 - Document Libraries
 - Web Content Libraries
 - Syndicators
 - Subscribers
- Search Administration
 - Manage Search
- Portal Analysis
 - Frequent Users
 - Enable Tracing
- Virtual Portals
 - Manage Virtual Portals

Manage Portlets

Search by: Title starts with Search: Search

Portlets Click Copy to create a duplicate of the portlet. Click Configure to set titles, descriptions and parameters. Click Delete to remove the portlet from your portal. Click Assign Access to allow others to work with the portlet.

Page 1 of 9 Jump to page: 1

Title	Unique name	Provided	Remote portlet	Status	
Portlet Wiring Tool	wps.p.Wiring				   
Manage Web Modules					   
Manage Portlets					   
Manage Applications					   
Web Service Configuration					   
Themes and Skins					   
Edit Layout	wps.p.Content Layout				   
Page Properties	wps.p.Properties				   
Manage Pages	wps.p.Manage Pages				   
Organize Favorites	wps.p.Favorites				   
Application Layout	wps.p.Application Layout				   
Frequent Users					   
About WebSphere Portal	wps.p.Welcome				   
Credential Vault					   
Global Settings					   
Manage Markups					   
Appearance portlet	wps.p.Appearance				   
Page Locks	wps.p.Permissions				   
Resource Permissions	wps.p.Resource View				   
User and Group Permissions	wps.p.User Group Permissions				   
Resource Policies	wps.p.PolicyExplorer				   
Policy Editor	wps.p.PolicyEditor				   
Manage Users and Groups	wps.p.Manage User and Groups				   
Enable Tracing	wps.p.Enable Tracing				   
Manage Clients					   
Manage Custom Unique Names	wps.p.Unique Names				   
URL mapping portlet	wps.p.Url Mapping				   
Welcome to WebSphere Portal	wps.p.Welcome To WebSphere Portal				   
Information Portlet	wps.p.Information				   
Web Portlet HTML Template					   

Page 1 of 9 Jump to page: 1

Home Administration Documents Messaging Site Map

9. Right-Click on Portlets and select '**New Page**'.
10. Type **Title** of page and **Type of page** as shown below.
11. Click '**Ok**'.

Launch ▾

Page Properties

New page: Portlet Management

Use the controls below to work with your pages to specify your page properties. Expand Options to choose page properties, page type, page layout, or page cache options.

Title:
Boats Title Page

Theme:
IBM

Navigation type (theme policy):
SingleTopNav

Icon:

☐ I want to make this page my private page

☒ Page Properties

☒ This page can be added to a user's My favorites list.

☐ Other pages can share the contents of this page.

☒ Type of Page

☒ A content page with these properties:

☒ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

This page supports (at least one must be selected):

☒ HTML

☒ Page Cache Options

Set the cache options for the page, the lesser value of cache expiry seconds between the page and the portlets used on the page will determine the actual cache expiry seconds.

Cache Scope

☒ Non-shared cache for a single user

☐ Shared cache across users

Cache Expiration

☒ Cache always expires

☐ Cache never expires

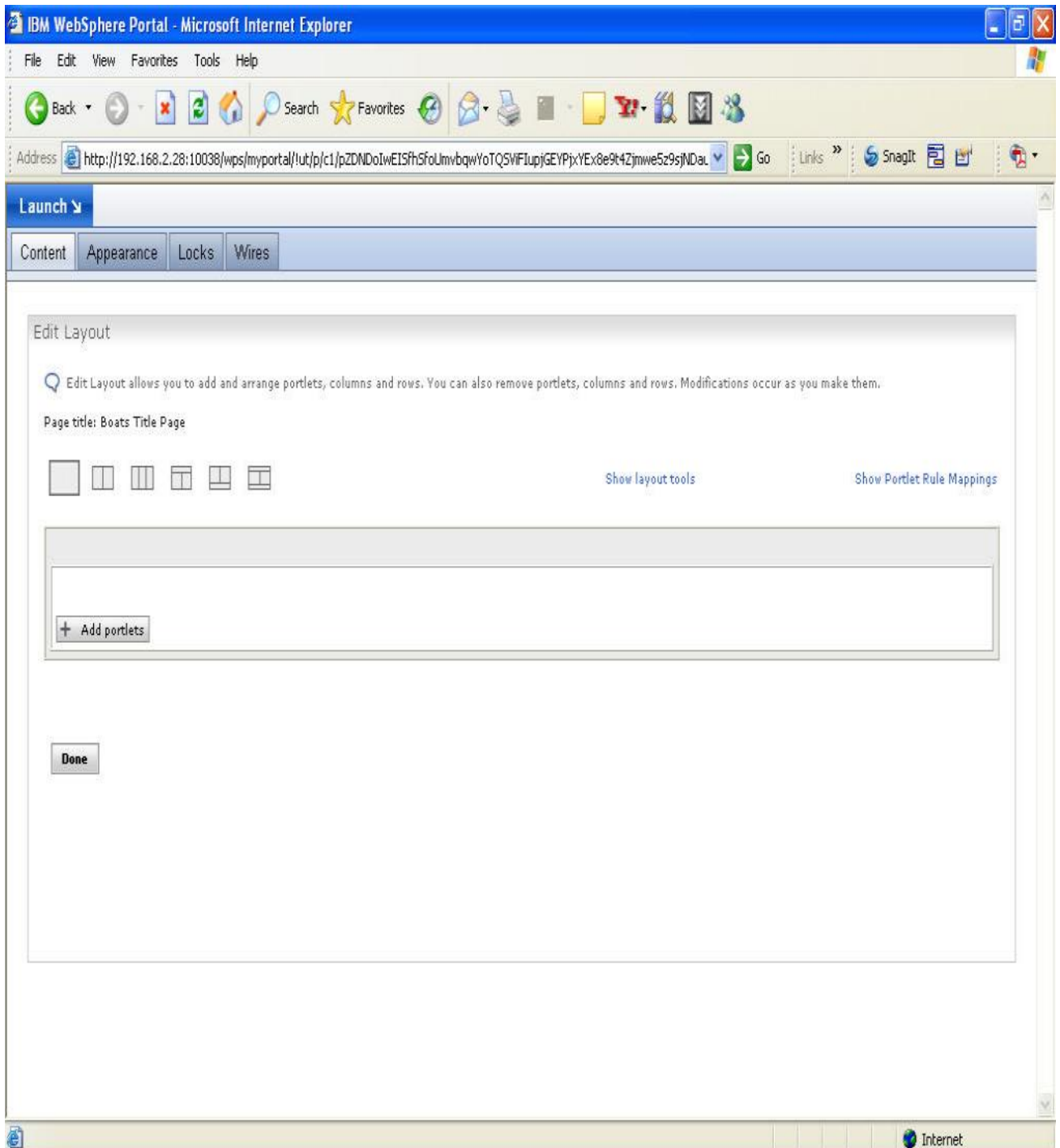
☐ Cache expires after this many seconds: 0

Cache Access Control

☐ Ignore access control in caches

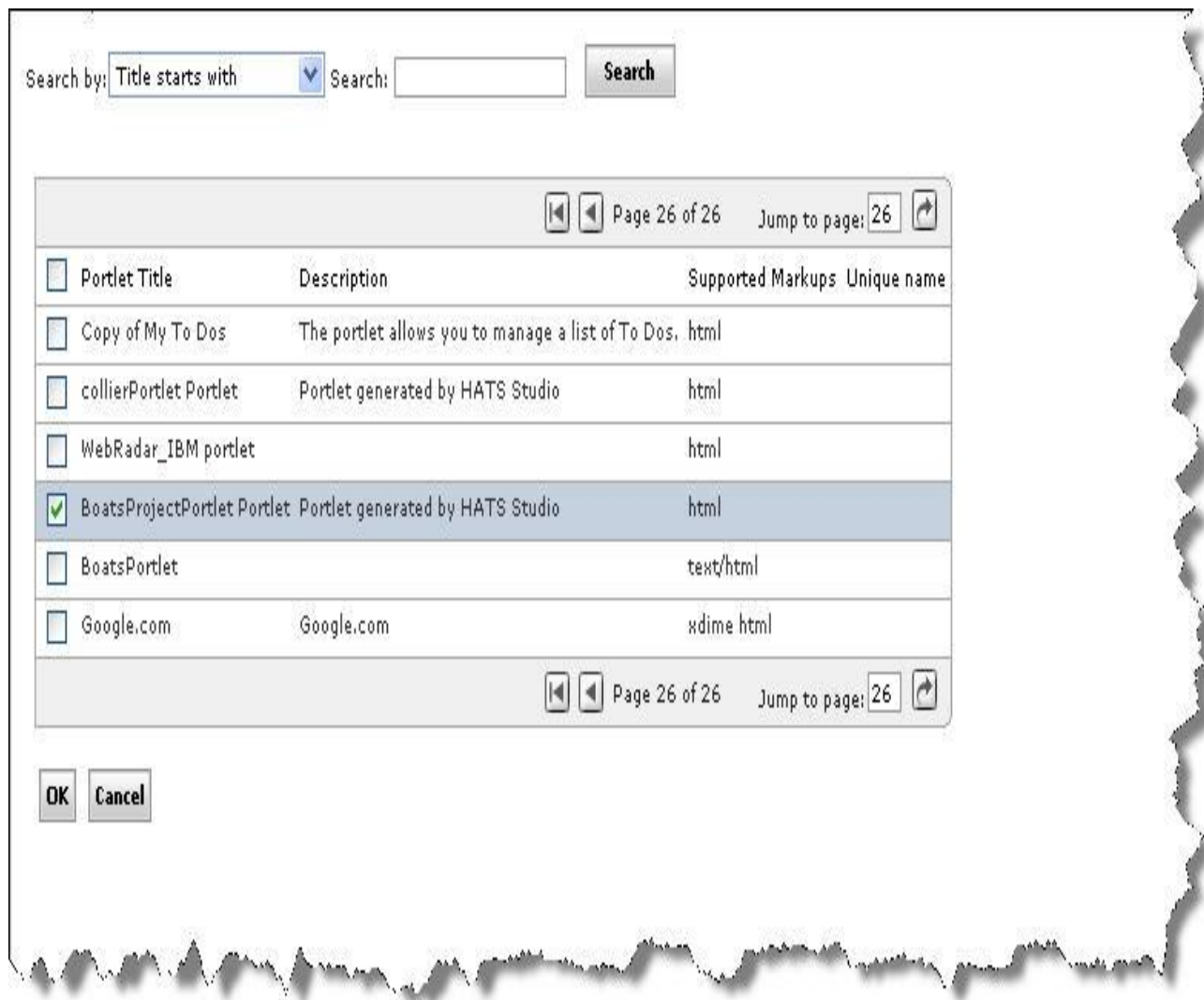
OK Cancel

12. In Edit layout Click ‘+ **Add Portlet**’ button.

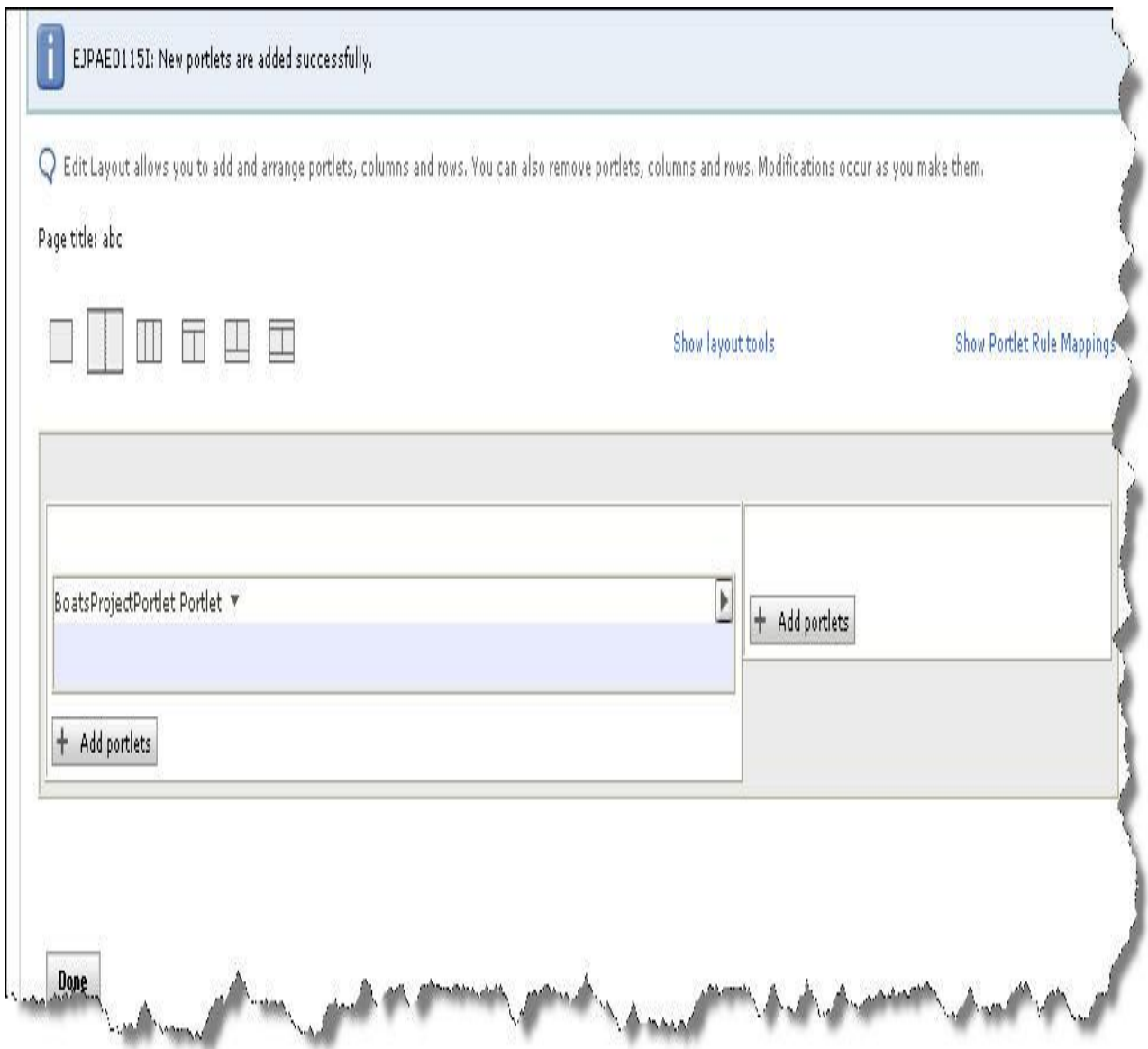


13. Check the 'BoatsProjectPortlet' Box.

14. Click '**OK**'

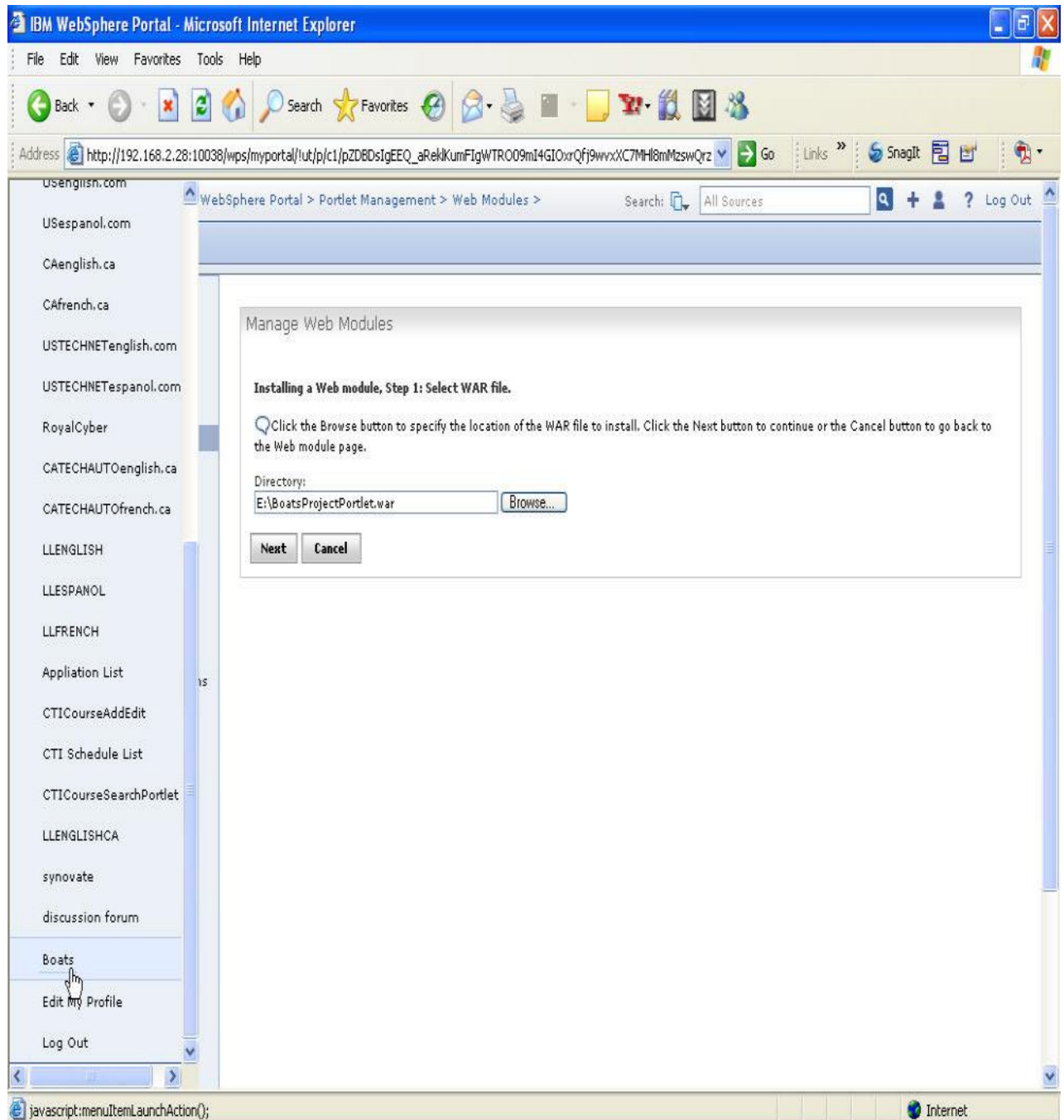


15. The Portlet project name will now be appear in the window, Click '**Done**'.



16. Click the 'LAUNCH' button at Left top of the screen.

17. Select the '**Boats**' from the deployed Portlet list.



18. The Boats Portlet will run on the Portal server. Press **‘Enter’**.

Launch ▾

Boats > boat >

Search: All Sources

Log Out

boat

BoatsProjectPortlet Portlet

My Company

AS/400 MSG Boat Demo6/13/07 12:28:34

Enter your search parameters

Type

P=Powered, S=Sailing, T=Tug, C=Commercial, A=All

Length (feet)

feet to start from

Year built

year to start from

F3=End

04/022

Reset

Default

Refresh

Disconnect

Turn Keyboard Off

Home

Administration

Documents

Messaging

Site Map

19. Choose the 'detail' Option pop down menu.

Launch ▾

Boats > boat >

Search:  All Sources

 +  ? Log Out

boat

BoatsProjectPortlet Portlet

My Company

AS/400 WSG Boat Demo6/13/0712:29:12

Your search parameters

23 boats match your search

	Type and Model	Feet	Year	US\$
▼	C Poole Boat Co Aluminum	80	1979	1,000,000
▼	C Schmuzin 745	745	2000	82,000,000
▼	P Mako Sportfisher	19	1989	13,000
▼	P Carver Santa Cruz	28	1978	23,900
▼	P Monk Flybridge/Sedan	34	1985	55,000
▼	P Monk Bridgedeck Cruiser	36	1956	19,900
▼	P Monterey Marine Custom	80	1996	2,975,000
▼	P Webernsk Cruiser	310	2000	
▼	S Corsair 27	27	1994	69,950
▼	S Hunter 33.5	33	1990	57,900

More ...

F3=End

F12=New search





11/003

Reset

Default

Refresh

Disconnect

Turn Keyboard Off

Home

Administration

Documents

Messaging

Site Map

Launch ▾ Boats > boat > Search:  All Sources  +  ? Log Out

boat

BoatsProjectPortlet Portlet

My Company

AS/400 WSG Boat Demo 6/13/07 12:29:47

Model Poole Boat Co Aluminum
Year 1979 Feet 80 US\$ 1,000,000

FEATURES
Located in S. Diego, CA
Twin Detroit diesels.
Commercial combination dinner cruise
and long range fishing boat, sleeps 33.
Owner would like to trade DELUX
up for a larger yacht.

Shelter Island Yacht Sales

[F3=End](#) [F12=Previous](#)

  01/001

[Reset](#) [Default](#) [Refresh](#) [Disconnect](#) [Turn Keyboard Off](#)

 Home  Administration  Documents  Messaging  Site Map

20. Click '**F3=Exit**' key to end the application.



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