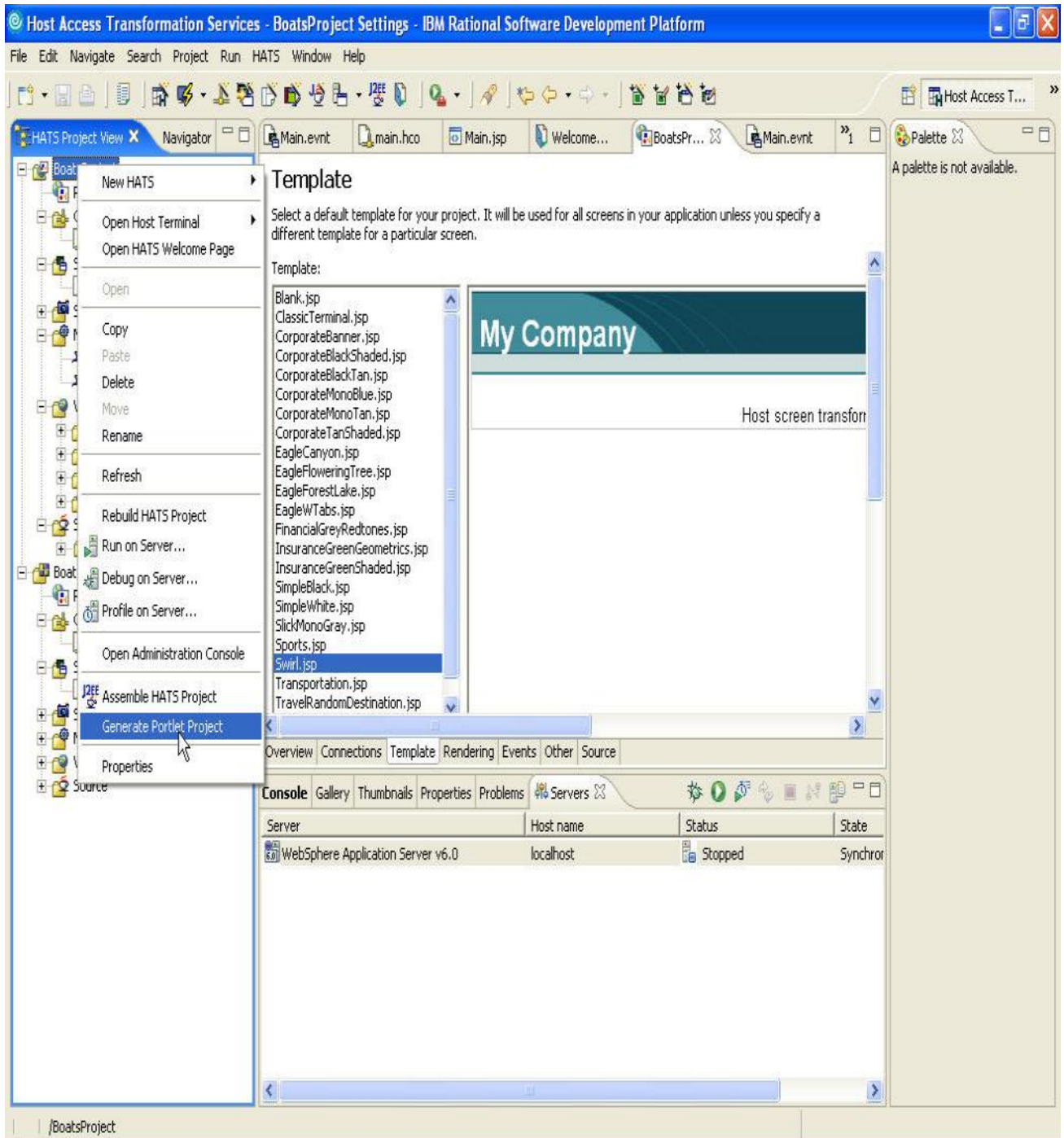


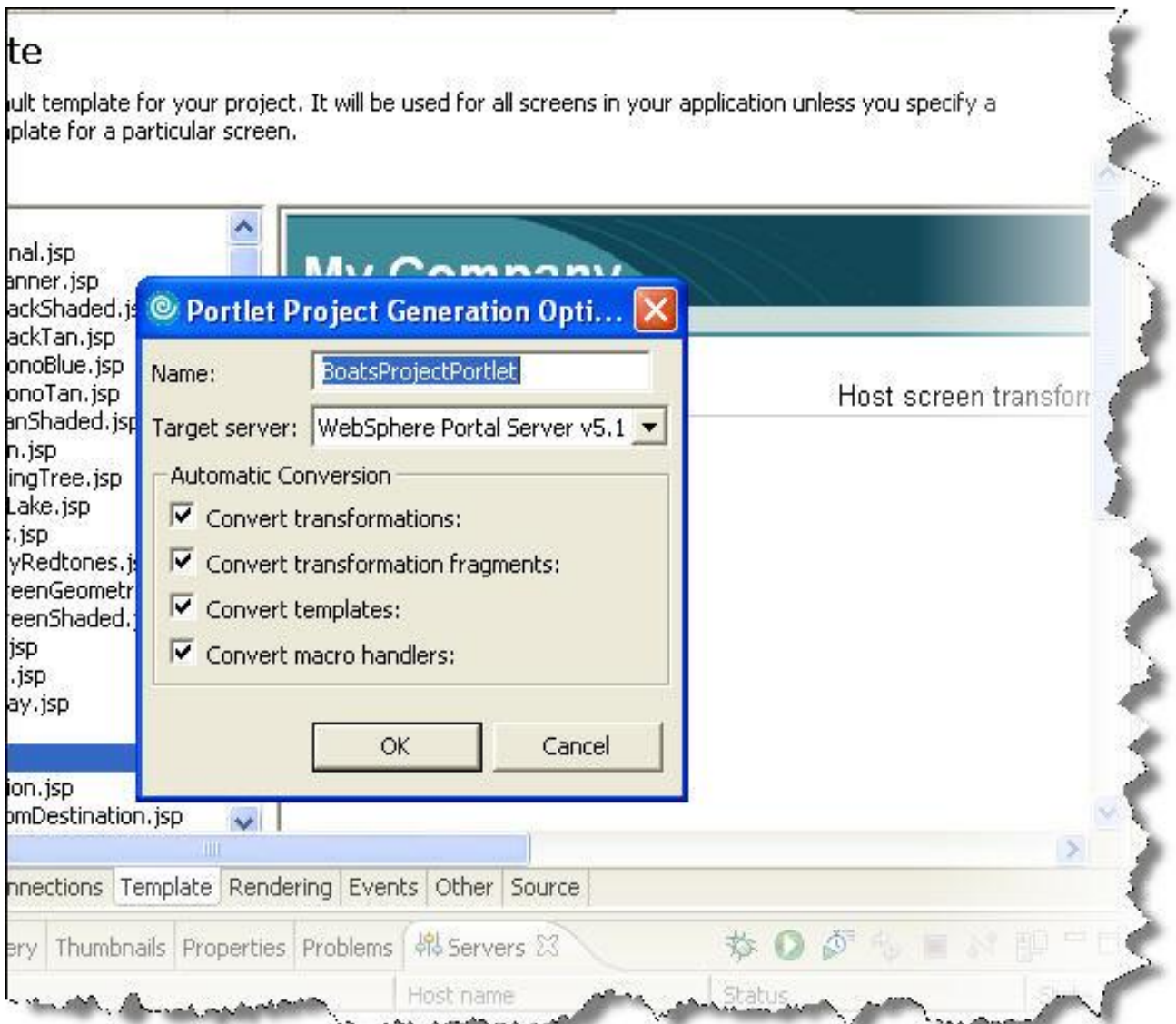
# CREATING HATS PORTLET AND DEPLOYMENT ON PORTAL SERVER

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*'

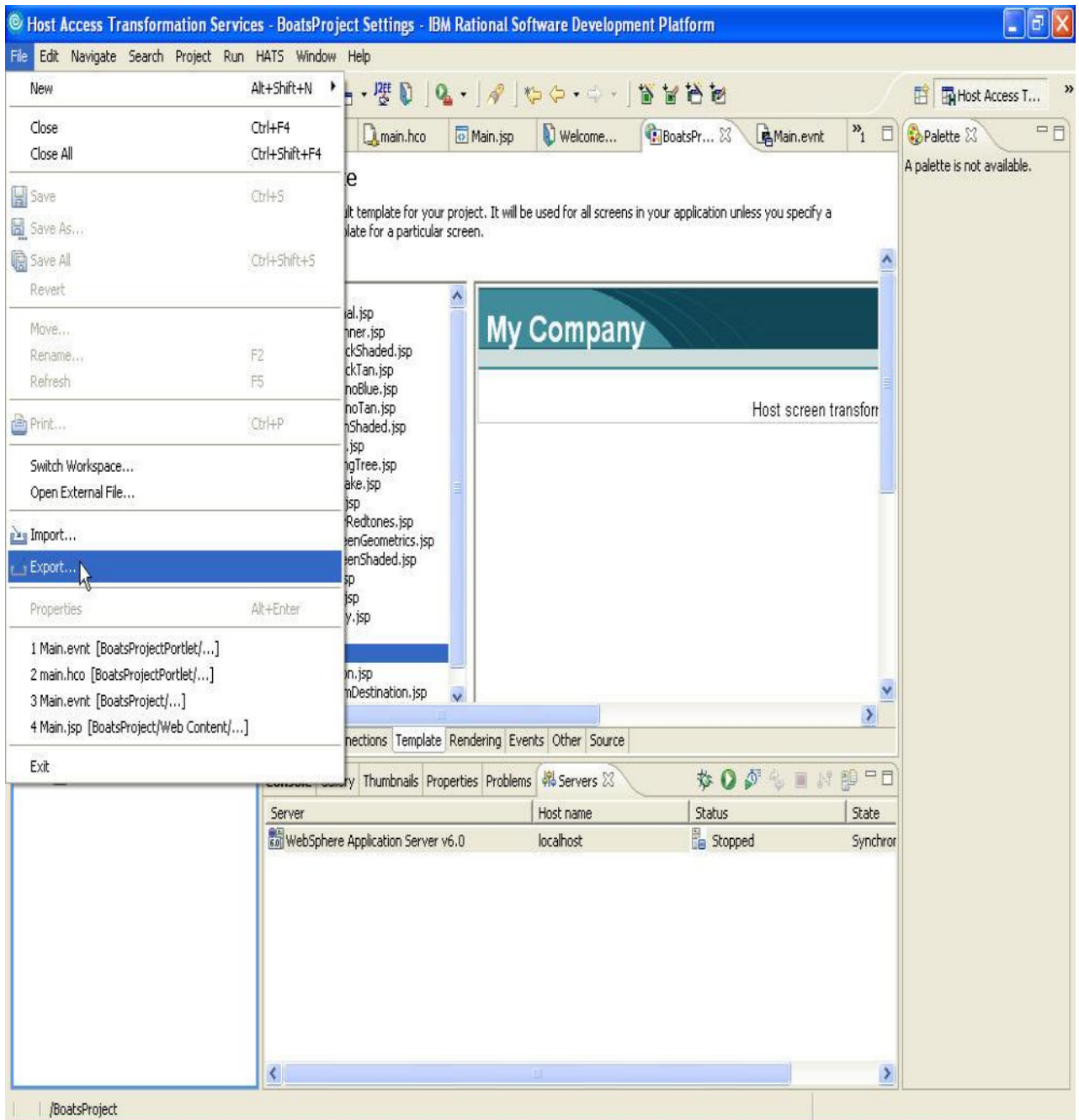


3. Type '**BoatsProjectPortlet**' and select the Target Server. Check all the boxes as shown below.



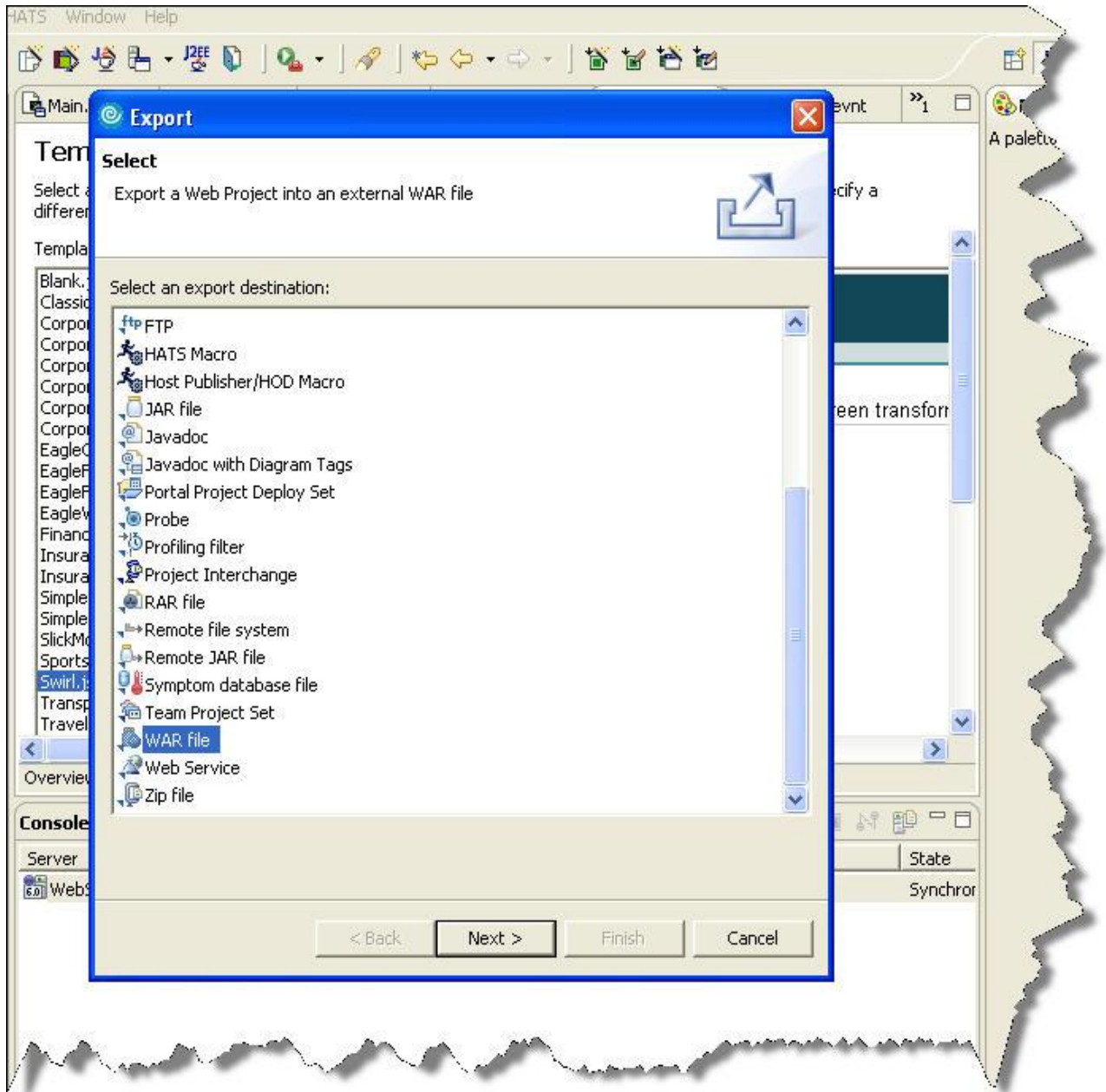
4. Click **Ok**.

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



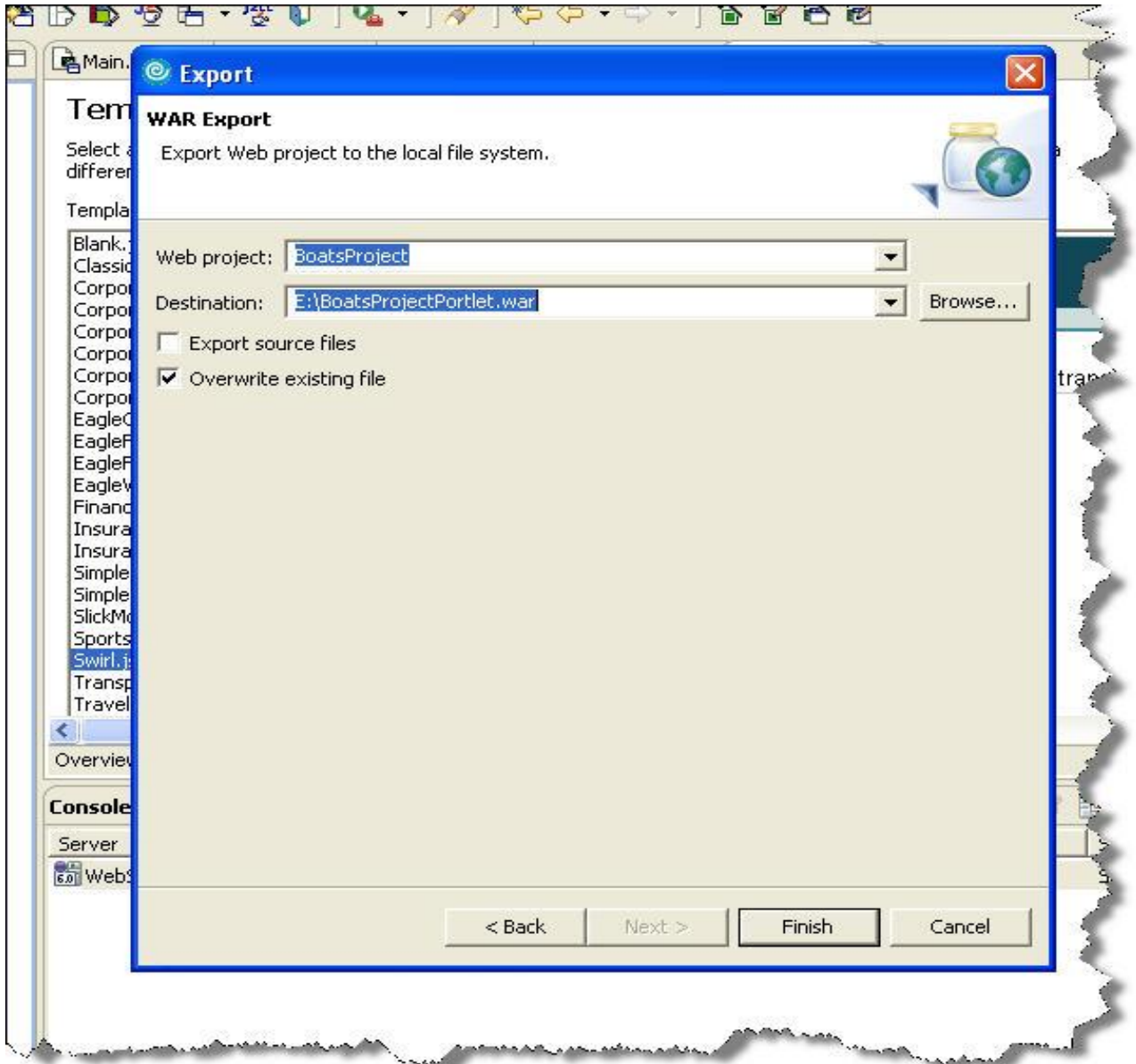
6. Select '.WAR file' from export destination list.

7. Click 'Next'



8. Select the Destination name as '**BoatsProjectPortlet.War**'.

9. Click **Finish**.

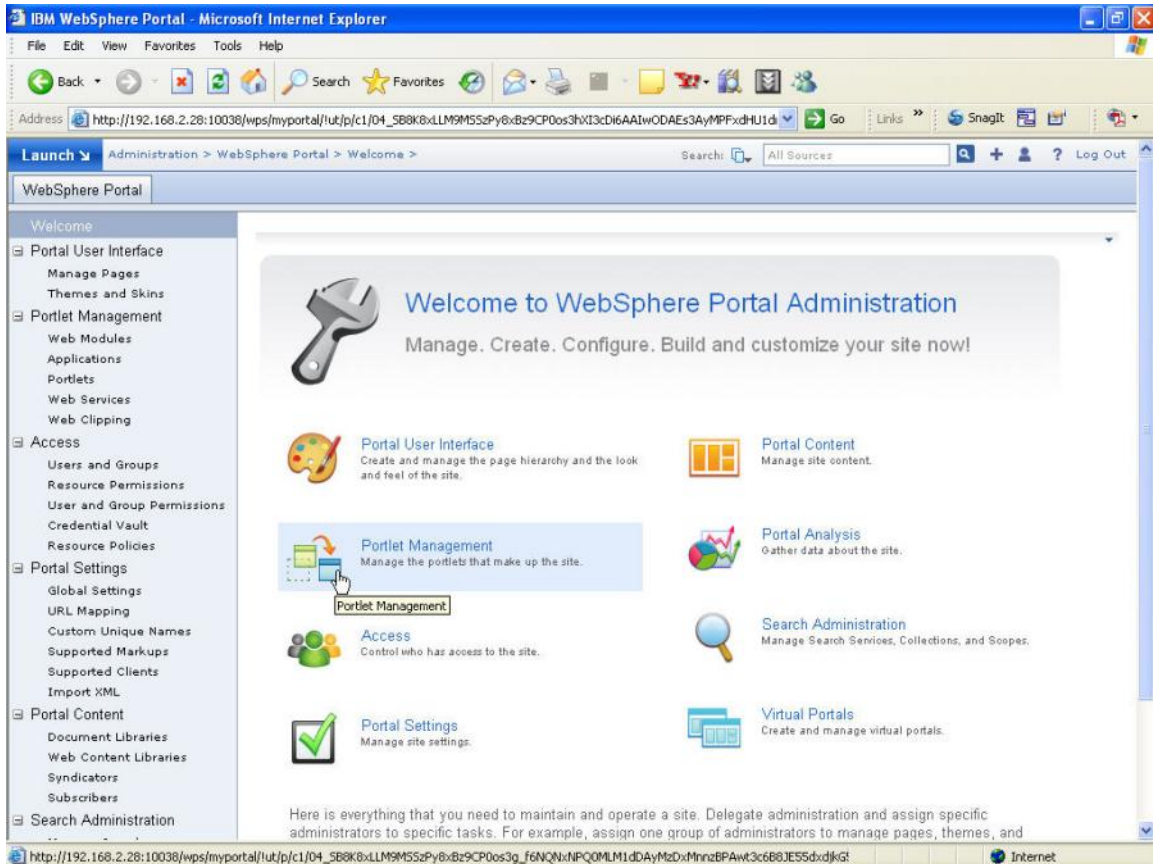


## How to deploy the HATS project War file on Portal server

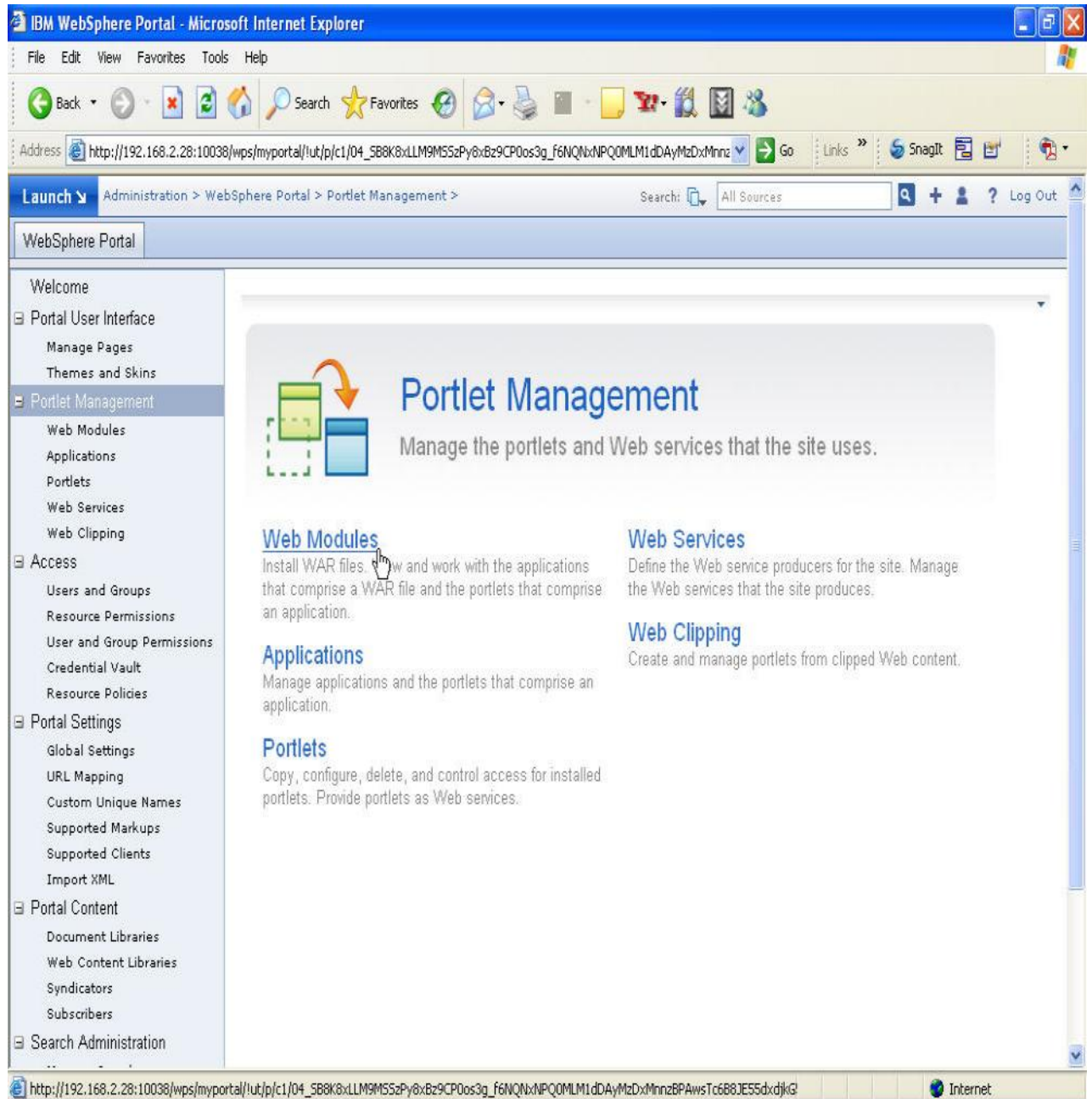
1. Log In to the Portal Server using *User ID & Password*.



2. Click Administration tab and Click on Portal Management









































### 3. Click on 'Web Modules'

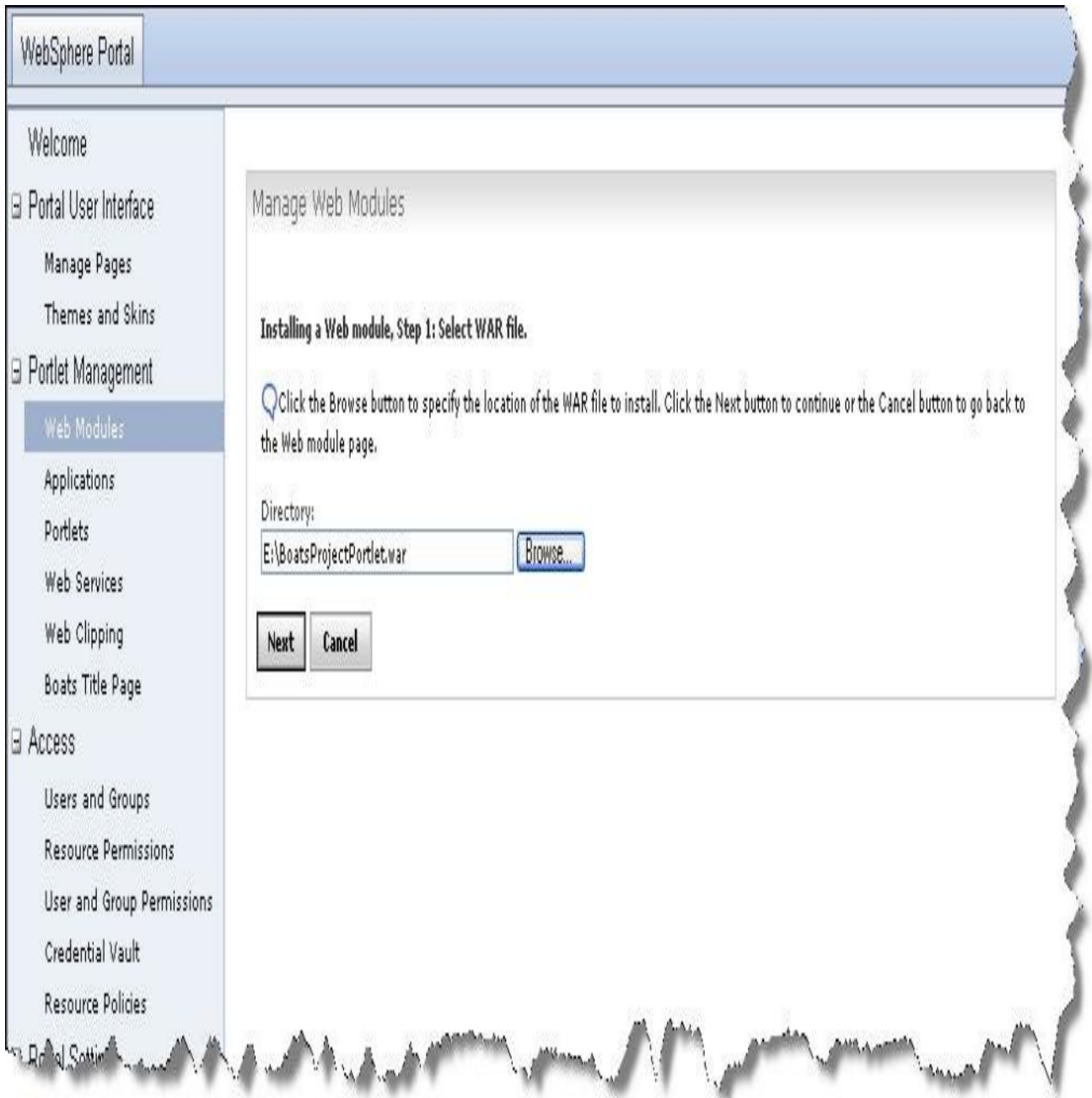


#### 4. Click **Install**.

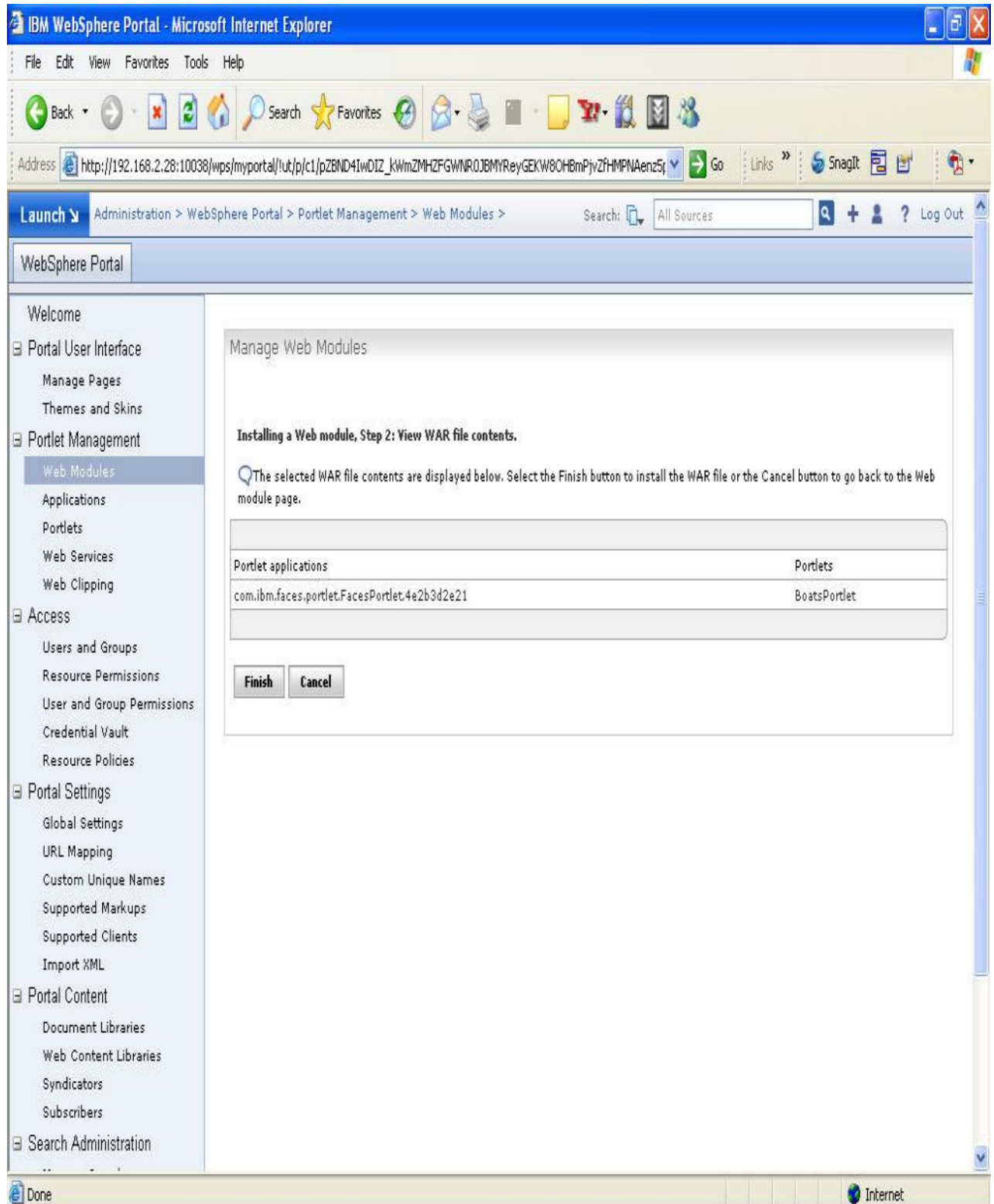
The screenshot shows the IBM WebSphere Portal Administration console in Microsoft Internet Explorer. The browser address bar shows the URL: [http://192.168.2.28:10038/wps/myportal/tut/p/c1/04\\_5B8K8xLLM9M55zPy6xBz9CP0os3g\\_f6NQxNPQ0MLM1dDayMzDxMnnz](http://192.168.2.28:10038/wps/myportal/tut/p/c1/04_5B8K8xLLM9M55zPy6xBz9CP0os3g_f6NQxNPQ0MLM1dDayMzDxMnnz). The breadcrumb navigation is: Administration > WebSphere Portal > Portlet Management > Web Modules. The left sidebar contains a navigation menu with categories like Welcome, Portal User Interface, Portlet Management, Access, Portal Settings, Portal Content, and Search Administration. The main content area is titled 'Manage Web Modules' and includes a search bar with the dropdown set to 'File name starts with'. Below the search bar, there is a text instruction: '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.' Two buttons, 'Install' and 'Consume', are visible. 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 11 rows of web modules, each with a set of action icons (document, refresh, delete, link) to its right. The first row is 'portletWiring.war'. The second row is 'PortletManager.war'. The third row is 'ManageWebservices.war'. The fourth row is 'ThemesAndSkinsManager.war'. The fifth row is 'contentlayout.war'. The sixth row is 'Properties.war'. The seventh row is 'Managepages.war'. The eighth row is 'FrequentUsers.war'. The ninth row is 'WelcomePortlet.war'. The tenth row is 'CredentialAdministration.war'. The table is paginated, showing 'Page 1 of 9' and a 'Jump to page: 1' dropdown.

Name	Status
<a href="#">portletWiring.war</a>	   
<a href="#">PortletManager.war</a>	 
<a href="#">ManageWebservices.war</a>	   
<a href="#">ThemesAndSkinsManager.war</a>	   
<a href="#">contentlayout.war</a>	   
<a href="#">Properties.war</a>	   
<a href="#">Managepages.war</a>	   
<a href="#">FrequentUsers.war</a>	   
<a href="#">WelcomePortlet.war</a>	   
<a href="#">CredentialAdministration.war</a>	   

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



7. Click **'Finish'**.



## 8. Click 'Portlets'.

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:  
[Empty field]

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:  
[Icons representing different page layouts]

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

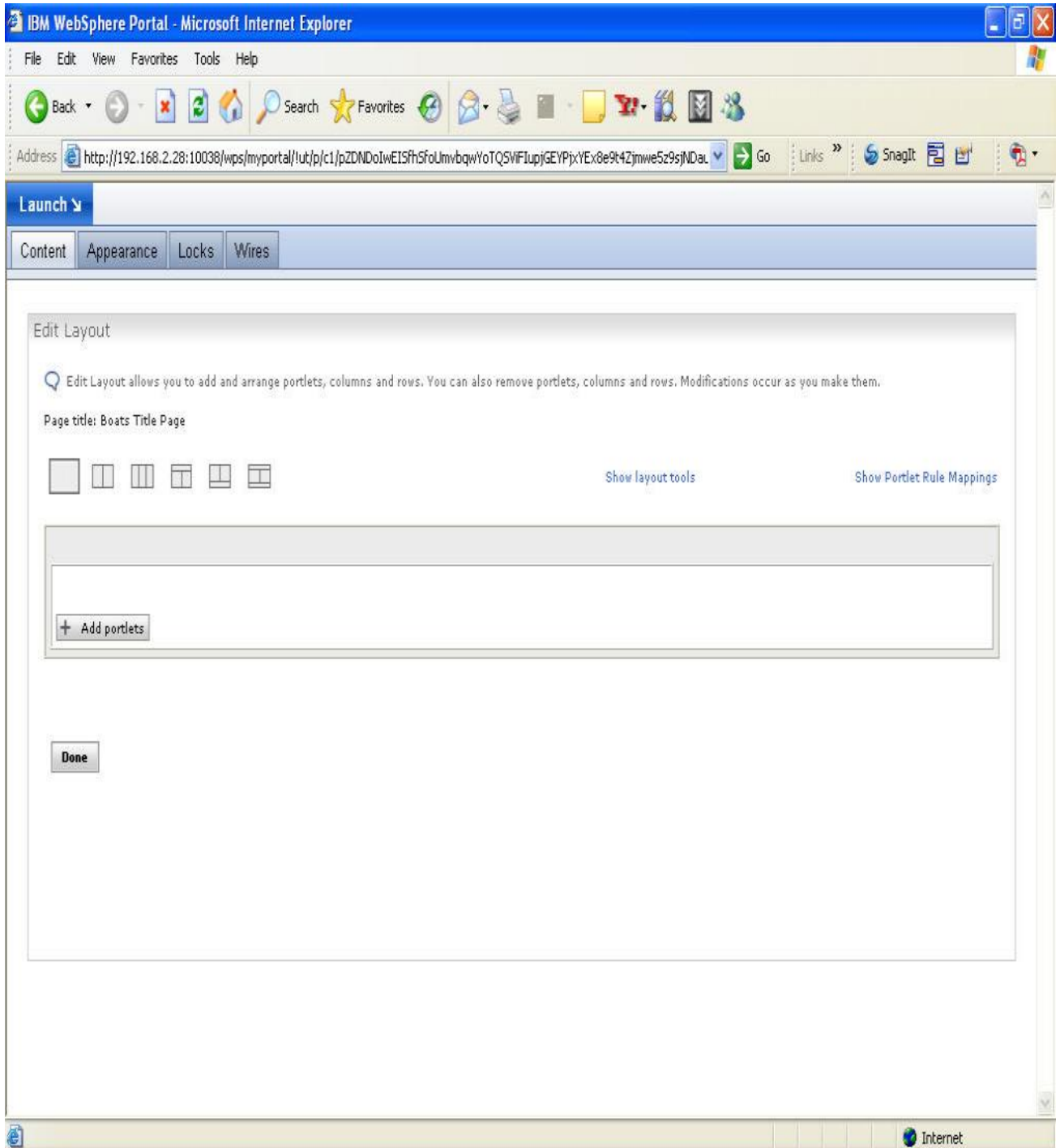
Cache always expires  
 Cache never expires  
 Cache expires after this many seconds: [0]

Cache Access Control

Ignore access control in caches

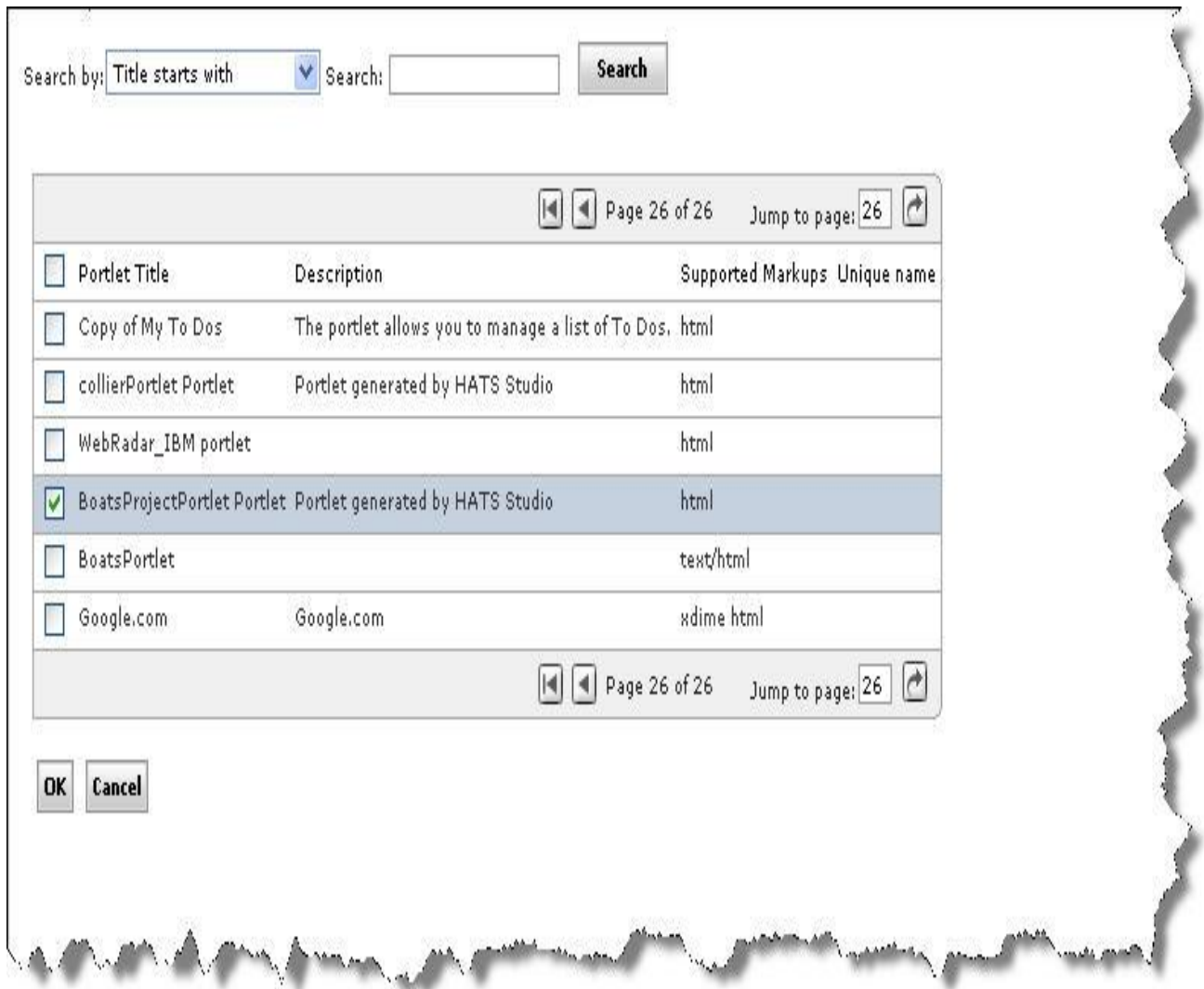
OK Cancel

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

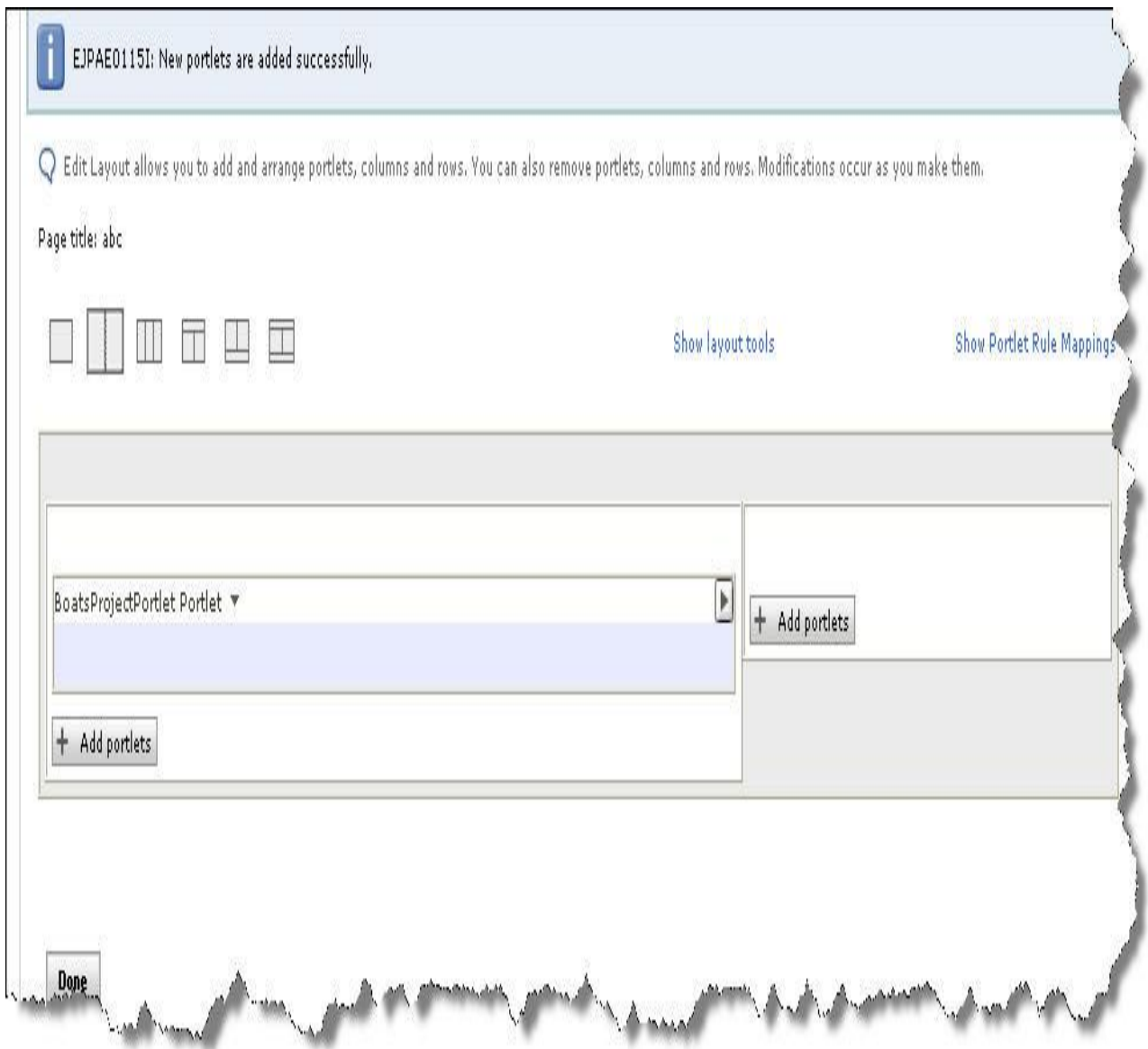


13. Check the 'BoatsProjectPortlet' Box.

14. Click 'OK'

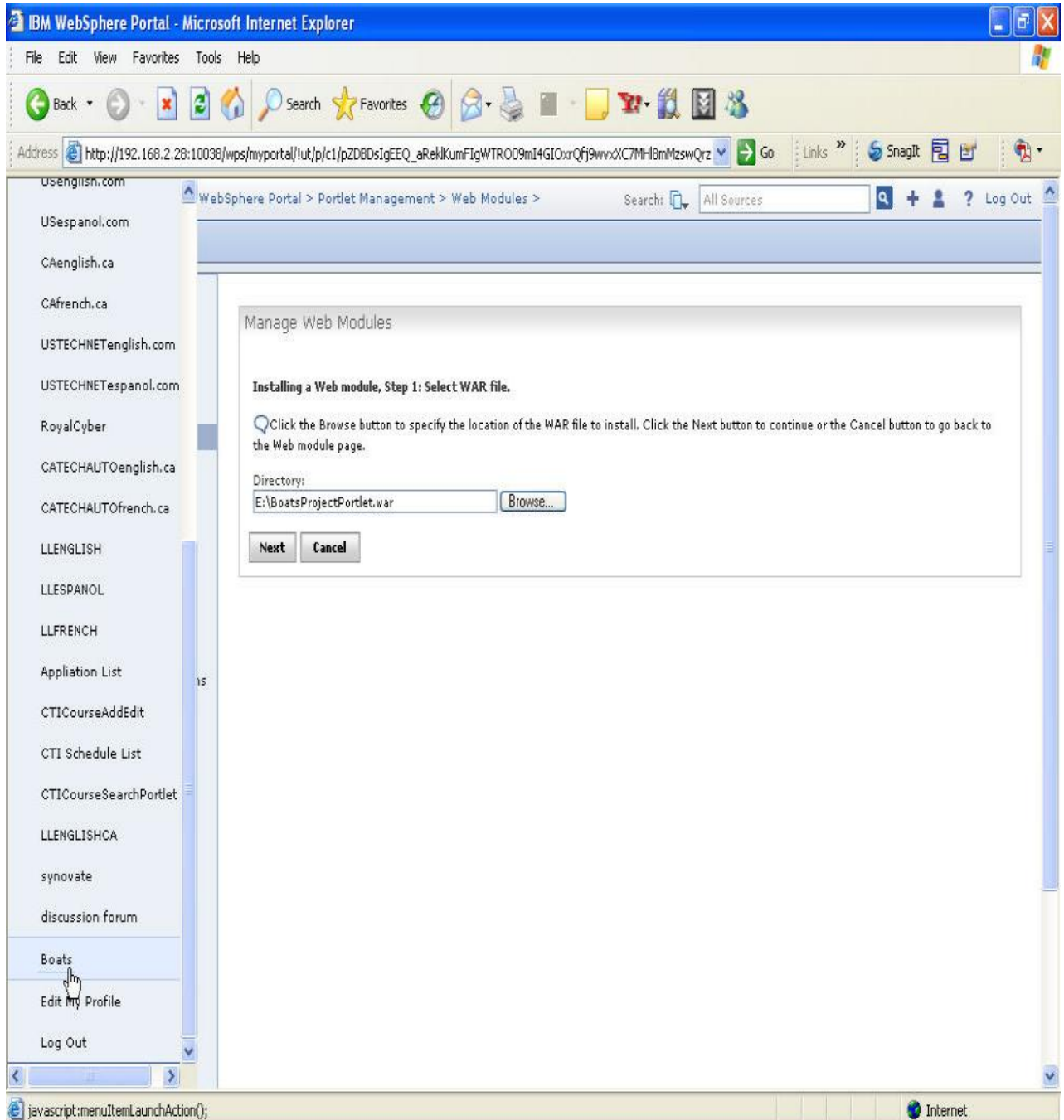


15. The Portlet project name will now be appear in the window, Click **Done**.



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'**.

The screenshot shows a web portal interface. At the top, there is a navigation bar with a "Launch" dropdown menu, a breadcrumb trail "Boats > boat >", a search box containing "All Sources", and icons for help, user profile, and "Log Out". Below the navigation bar is a header area with the text "boat". The main content area is titled "BoatsProjectPortlet Portlet" and features a dark blue banner with the text "My Company". Below the banner, the text "AS/400 MSG Boat Demo" and the date/time "6/13/07 12:28:34" are displayed. A search form is present with the heading "Enter your search parameters". The form includes three rows: "Type" with a dropdown menu showing "A" and a legend "P=Powered, S=Sailing, T=Tug, C=Commercial, A=All"; "Length (feet)" with an input field and the text "feet to start from"; and "Year built" with an input field and the text "year to start from". Below the search form, the text "F3=End" is visible. At the bottom of the search area, there is a status bar with a lock icon, a printer icon, and the text "04/022". Below the status bar is a row of five buttons: "Reset", "Default", "Refresh", "Disconnect", and "Turn Keyboard Off". The footer of the page contains navigation links: "Home", "Administration", "Documents", "Messaging", and "Site Map".

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

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

boat

---

BoatsProjectPortlet Portlet

## My Company

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

Your search parameters

23 boats match your search

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

[More ...](#)

[F3=End](#)    [F12=New search](#)

11/003

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Home  
 Administration  
 Documents  
 Messaging  
 Site Map

Launch ▾ Boats > boat > Search:  + ? 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](#)

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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