

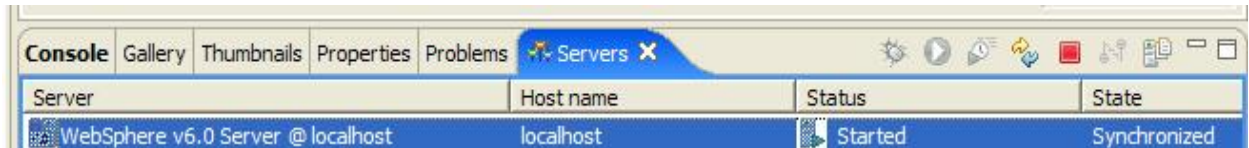
Single SignOn Using HATS & WebSphere Portal

Introduction:

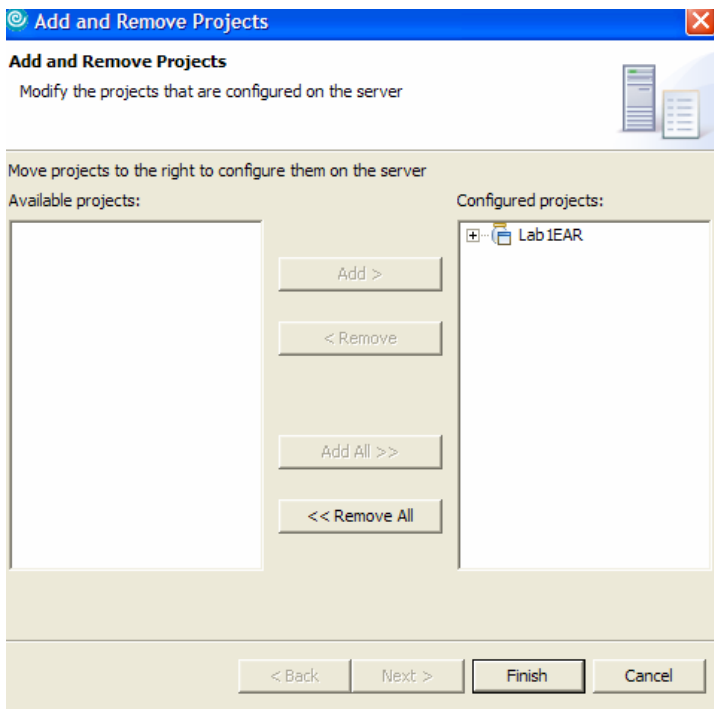
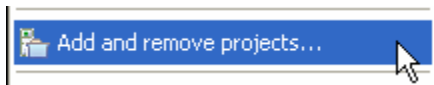
This lab will demonstrate how to implement the Single SignOn Functionality on WebSphere Portal Server with the help of HATS Web Express Logon Portal Plug-in and Portal Credential Mapper.

Remove Projects from Server

1. As projects are tested in the **WebSphere v6.1 Server** they are added to the list of **Configured projects** in the server. When the server starts it will load every project in the list, causing the server to take much longer than necessary to start the project you are testing. To speed up loading of the server remove one or more project from the server. Click the **Servers** tab in the lower window pane.



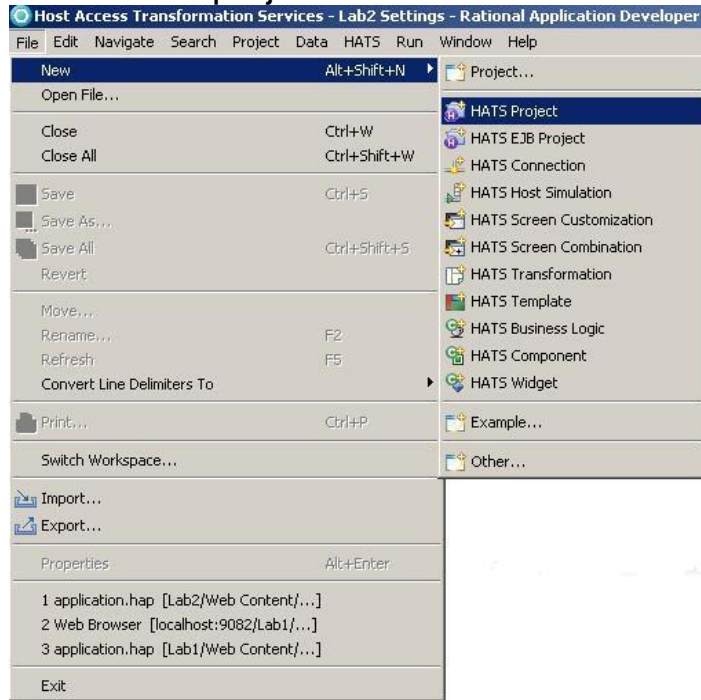
2. Right-click on **WebSphere v6.0 Server @ localhost** and then click **Add and remove projects...**



3. On the **Add and Remove Projects** panel click the **<< Remove All** button to remove all **Configured projects**, and then click **Finish**

3. Select File → New → HATS Project

Build a new project



4. On **Create a Project – HATS Project** panel, type **SSOPortlet** as **Name:** and **SSOPortlet_EAR** as **Enterprise application project:** select **WebSphere Application Server v6.1** as **Target server:** (From drop down). Click **Next**

Create a Project

HATS Project

A HATS project is a set of resources used to transform host terminal applications.

Name:

Description: (optional)

Location: Use default location

Deployment
Select a deployment environment and configure options:

Web

Target server:

Enterprise application project:

Add administrative console support

Rich client

Plug-in ID:

Plug-in version:

Target platform:

Press F1 for help on any field in this or any other HATS wizard.


5. On **Create a Project – SSOPortlet Connection Settings** panel, type **zserveros.dfw.ibm.com** for Host name: and **23** as Port: select **3270** as Type, **037 United States** as Code page: and **24 x 80** as Screen size (From drop down). Click **Next**

Create a Project - SSOPortlet

Connection Settings

Configure host connection settings for this new project. You can specify advanced connection values later in the connection editor.

Host name:


Type: 

Port:

Code page:

Screen size:

Add light pen rendering support



6. On **Create a Project – SSOPortlet Project Theme** panel, accept the default values, No change, Click **Next**

The screenshot shows a software configuration window titled "Create a Project - SSOPortlet". The main heading is "Project Theme". Below the heading is a descriptive sentence: "A theme groups a set of common appearance and behavior characteristics for a project. These attributes can be individually modified later." To the right of this text is a small yellow folder icon.

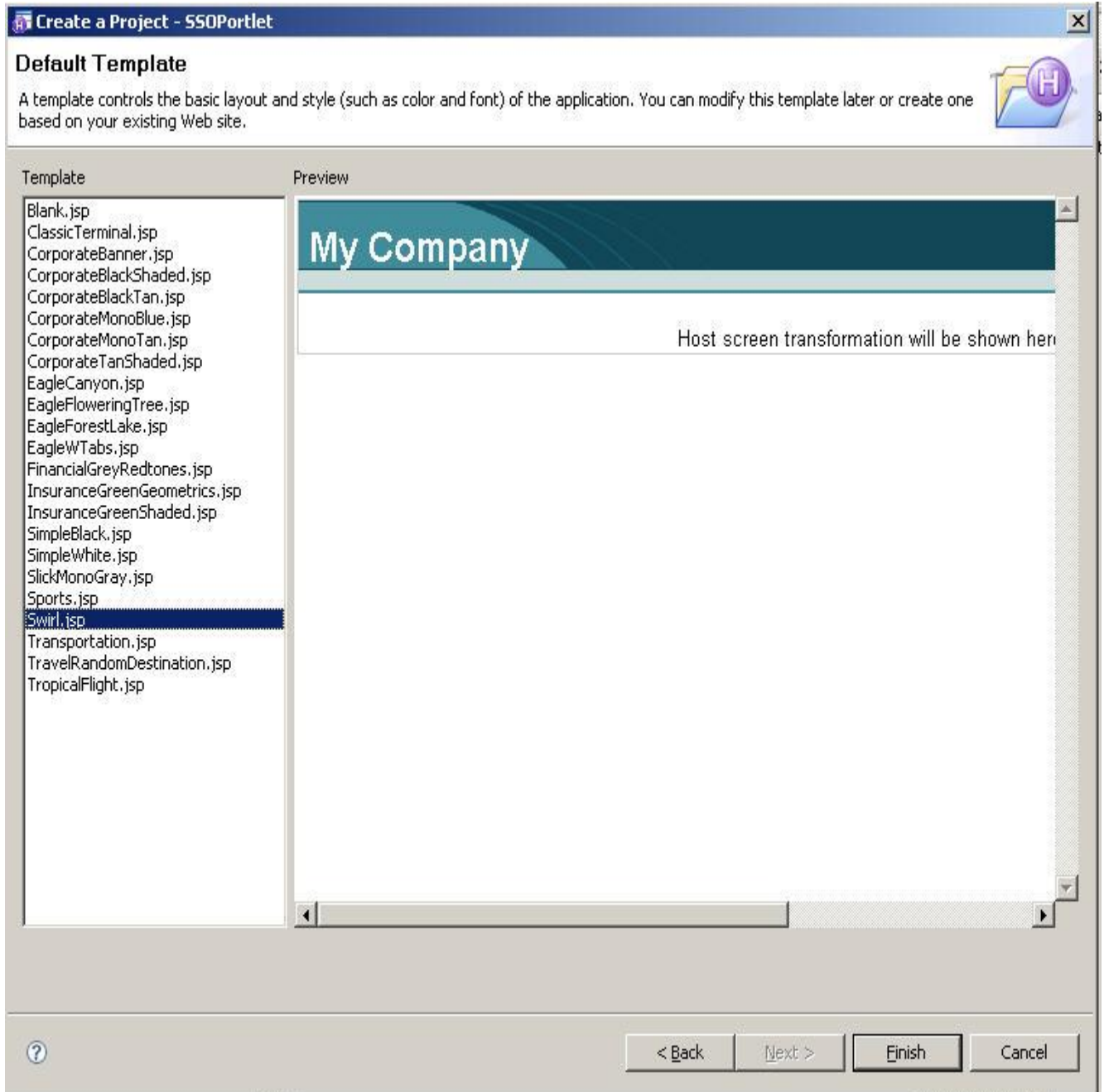
The "Appearance and behavior theme" section contains four radio button options: "Standard" (selected), "Modern Web application", "Classic terminal emulator", and "Custom".

The "Settings:" section is a list of checkboxes with the following items: "Automatic field advance" (unchecked), "Cursor positioning on protected fields" (unchecked), "Field extended attributes" (unchecked), "Host keypad" (unchecked), "Keyboard support" (checked), "Operator information area" (checked), "Overwrite mode" (checked), and "Rendering using monospaced font" (checked).

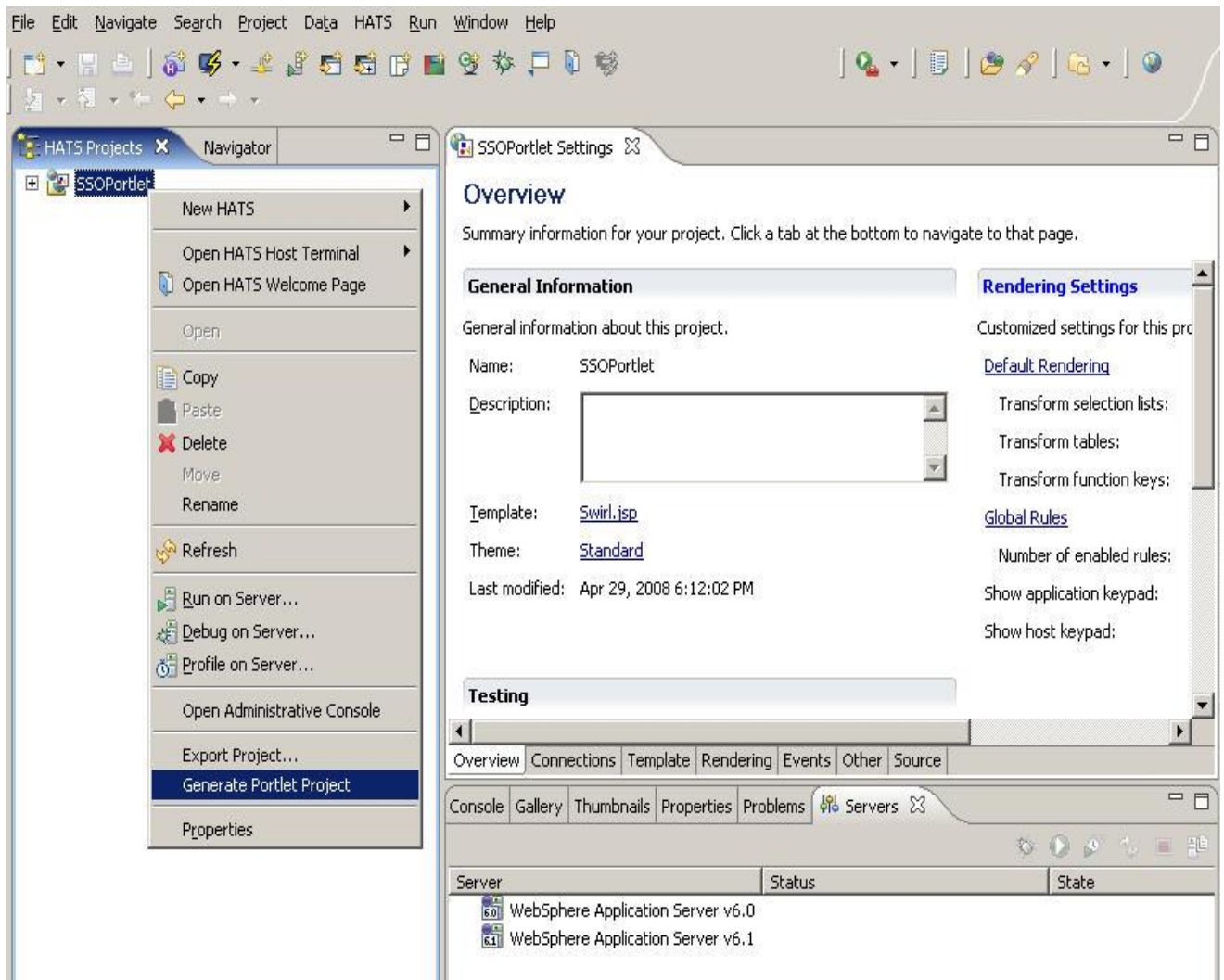
The "Description:" section contains a text box with the following text: "Move the cursor to the next input field if the cursor is located at the end of the current input field. If auto-advance is disabled, the cursor doesn't go to the next input field until the user explicitly moves it."

At the bottom of the window, there is a help icon (question mark in a circle) on the left and a set of navigation buttons on the right: "< Back", "Next >", "Finish", and a partially visible "C" button.

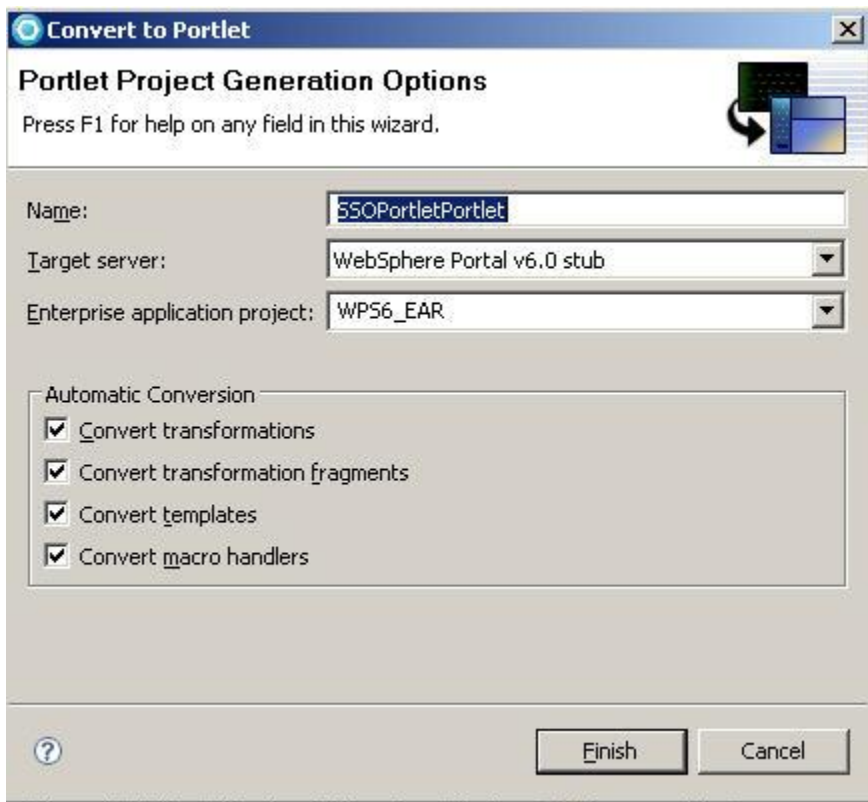
7. On **Create a Project – SSOPortlet Default Template** panel, select the **Swirl.jsp** and click **Finish**



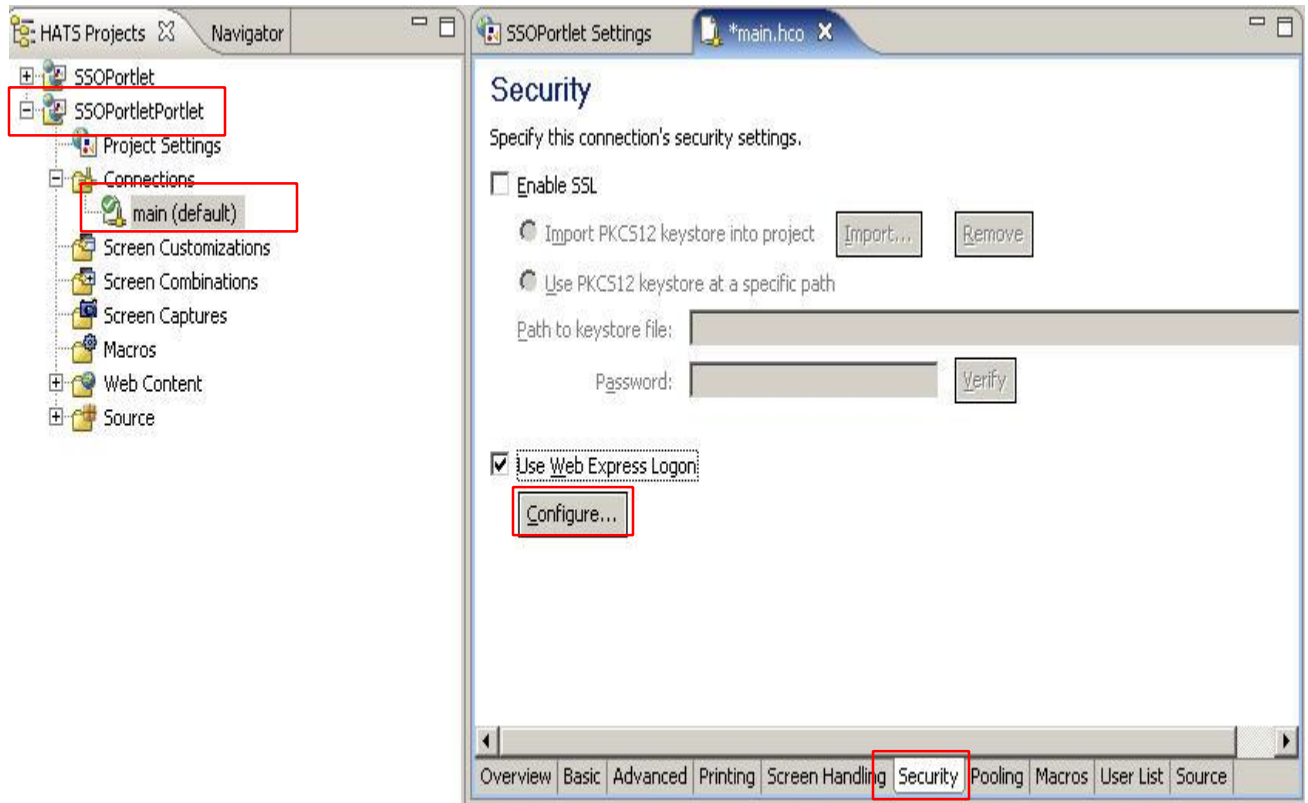
8. Right click on **SSOPortlet** project and select **Generate Portlet Project** as shown below



9. On the **Convert to Portlet** wizard, accept all the settings as default and click **Finish**.



10. You will see that the new Portlet Project will be created in the HATS Project view with the name “**SSOPortletPortlet**”. Now follow these steps:
Double click on the “**main (default)**” connection under the “**Connection**” Folder.
Click on the “**Security**” tab and **enable the checkbox “Use Web Express Logon”** and then click on “**Configure**” button.



11 On the “**Web Express Logon**” wizard click on the “**Network Security Plugin**” tab at the bottom. Select “**WebSphere Portal Network Security**” from the “**Plugin type**”.

NOTE: This Plugin appears in the “**Add Network Security Plugin**” window only for a Portlet project.

The screenshot shows the 'Web Express Logon' wizard window with the 'Network Security Plugin' tab selected. The window title bar includes 'SSOPortlet Settings', '*main.hco', and 'Web Express Logon'. The main content area is divided into two sections: 'Select' and 'Initialization'.

Select

Select the Network Security plugin

Plugin type: (none)

Plugin class: (none), Custom

Plugin name: Access Manager Network Security, **WebSphere Portal Network Security**

Description:

Author:

Initialization

The following initialization parameters are configured for this Network Security plugin:

Select the parameter name to edit its value.

| Name | Value |
|------|-------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

Buttons: Add..., Remove

Bottom navigation tabs: **Network Security Plugin**, Credential Mapper Plugins, Source

12 Now click on the **“Credential Mapper Plugin”** at the bottom, and click on the **“Add”** button.

SSOPortlet Settings *main.hco *Web Express Logon X

Credential Mapper Plugins

Credential Mapper Plugins

The following Credential Mapper plugins are configured for Web Express Logon:

Add... Remove Up Down

Details

Details of the selected Credential Mapper plugin:

Plugin class:

Plugin name:

Description:

Author:

Credential Mapper Selection

The following describes which Credential Mapper requests will be handled by this plugin:

Authentication type:

AuthType_All
AuthType_3270Host
AuthType_5250Host
AuthType_VTHost

Host mask:

Initialization

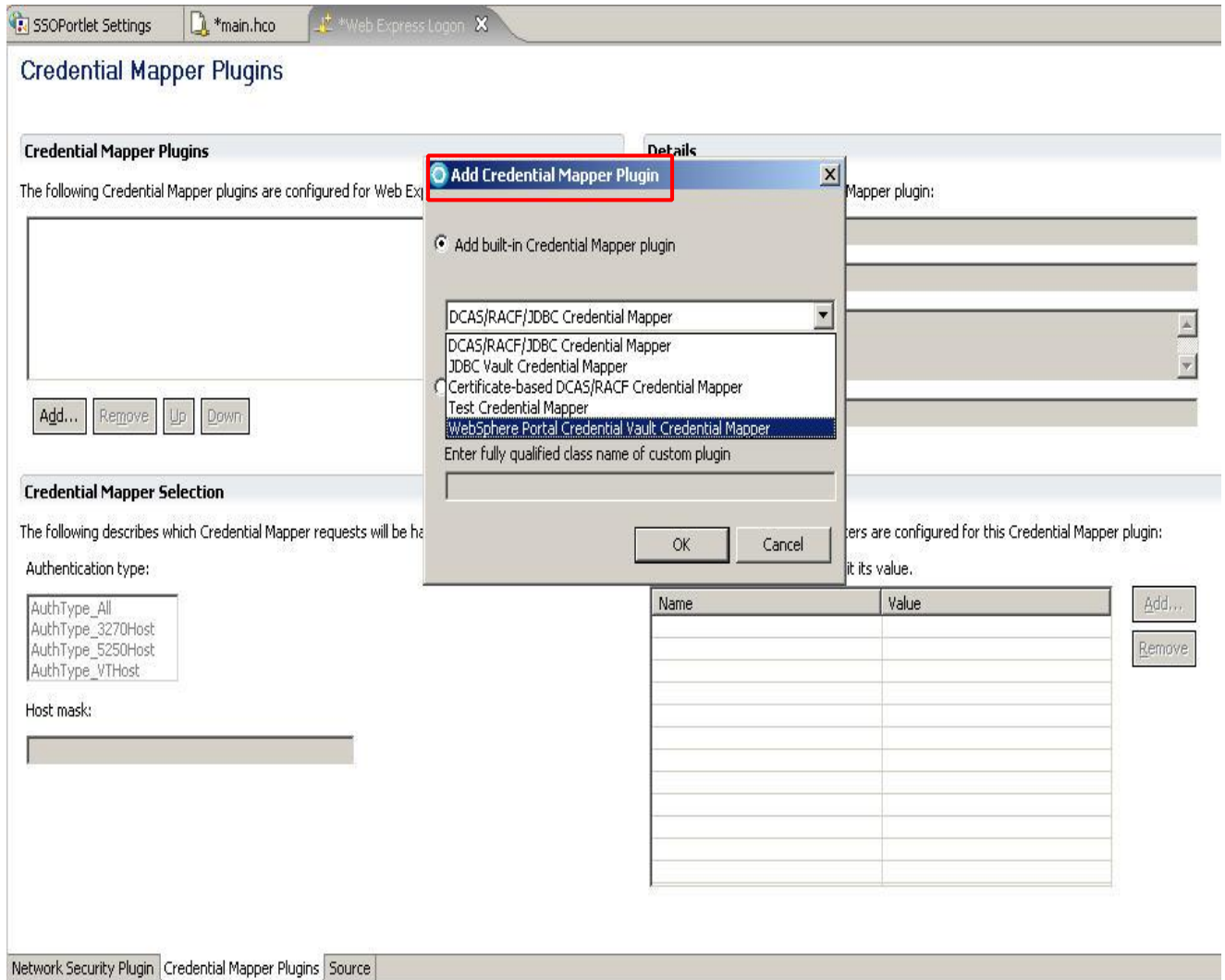
The following initialization parameters are configured for this Credential Mapper plugin:

Select the parameter name to edit its value.

| Name | Value |
|------|-------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

Add...
Remove

13. On the “Add Credential Mapper Plugin” window, select “WebSphere Portal Credential Vault Credential Mapper” and click OK button.
NOTE: This Plugin appears in the “Add Credential Mapper Plugin” window only for a Portlet project.



14. When you select “**WebSphere Portal Credential Vault Credential Mapper**” then you will see **two initialization parameters** with the name “**SLOT_ID**” and “**SLOT_TYPE**” will appear and they will be initialized with the values “**HATS**” and “**2**” respectively as shown below. **Now save your Web Express Logon file and also the main.hco file.**

NOTE: The value of this “**SLOT_ID**” parameter will be used along with the **hostname (zserveros.dfw.ibm.com)** and **application name (cicsa)**, when we will create “**VALUT SLOT**” on the **Portal Server**.

The screenshot shows the 'Credential Mapper Plugins' configuration window. It is divided into several sections:

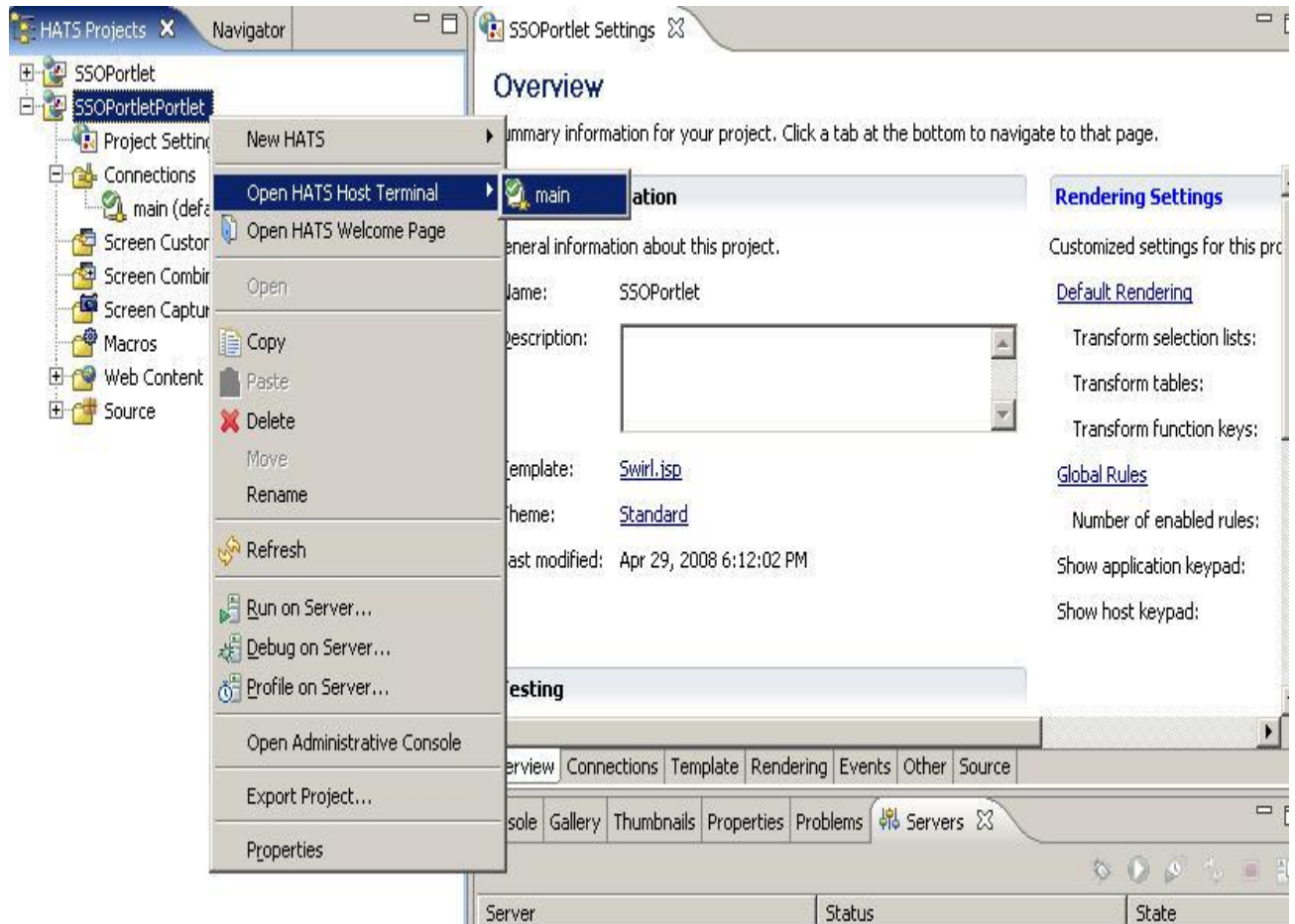
- Credential Mapper Plugins:** A list of configured plugins. 'WebSphere Portal Credential Vault Credential Mapper' is selected. Below the list are 'Add...', 'Remove', 'Up', and 'Down' buttons.
- Details:** Provides information about the selected plugin:
 - Plugin class: com.ibm.eNetwork.security.sso.cms.CredentialVaultCM
 - Plugin name: WebSphere Portal Credential Vault Credential Mapper
 - Description: Retrieves a passive user-password credential from the specified slot of the specified type
 - Author: IBM Corporation
- Credential Mapper Selection:** Describes which requests will be handled by this plugin.
 - Authentication type: A list with 'AuthType All' selected, and other options like 'AuthType_3270Host', 'AuthType_5250Host', and 'AuthType_VTHost'.
 - Host mask: A text field containing '*'.
- Initialization:** Shows initialization parameters for the plugin. A table lists parameters with their values:

| Name | Value |
|-----------|-------|
| SLOT_ID | HATS |
| SLOT_TYPE | 2 |
| | |
| | |
| | |
| | |
| | |
| | |

Buttons for 'Add...' and 'Remove' are present to the right of the table.

At the bottom of the window, there are tabs for 'Network Security Plugin', 'Credential Mapper Plugins', and 'Source'.

15. Now right click on the “SSOPortletPortlet” project and select “main” from “Open HATS Host Terminal” to open the host terminal.



16. On the Host Terminal **Welcome to IBM** screen, click on the “Record a New macro” button to start a Signon Macro.

The screenshot shows a 'main - Host Terminal' window. The toolbar contains a button labeled 'Record new macro or insert to the open macro' which is circled in red. The terminal screen displays the following content:

```
Record new macro or insert to the open macro
DDDDDDDD EEEEEEEE MMMM MMMM OOOOOOOO
DD DD EE MM MM MM MM OO OO
DD DD EE MM M M MM OO OO NNNN EEEE TT
DD DD EEEEEEEE MM MMM MM OO OO NN NN EE EE TTTTTT
DD DD EE MM M MM OO OO NN NN EEEEE TT
DD DD EE MM MM OO OO NN NN EE TT
DDDDDDDD EEEEEEEE MM MM OOOOOO NN NN EEEE TT

WELCOME TO IBM
ZSERVEROS
HELP DESK: 972-561-7700

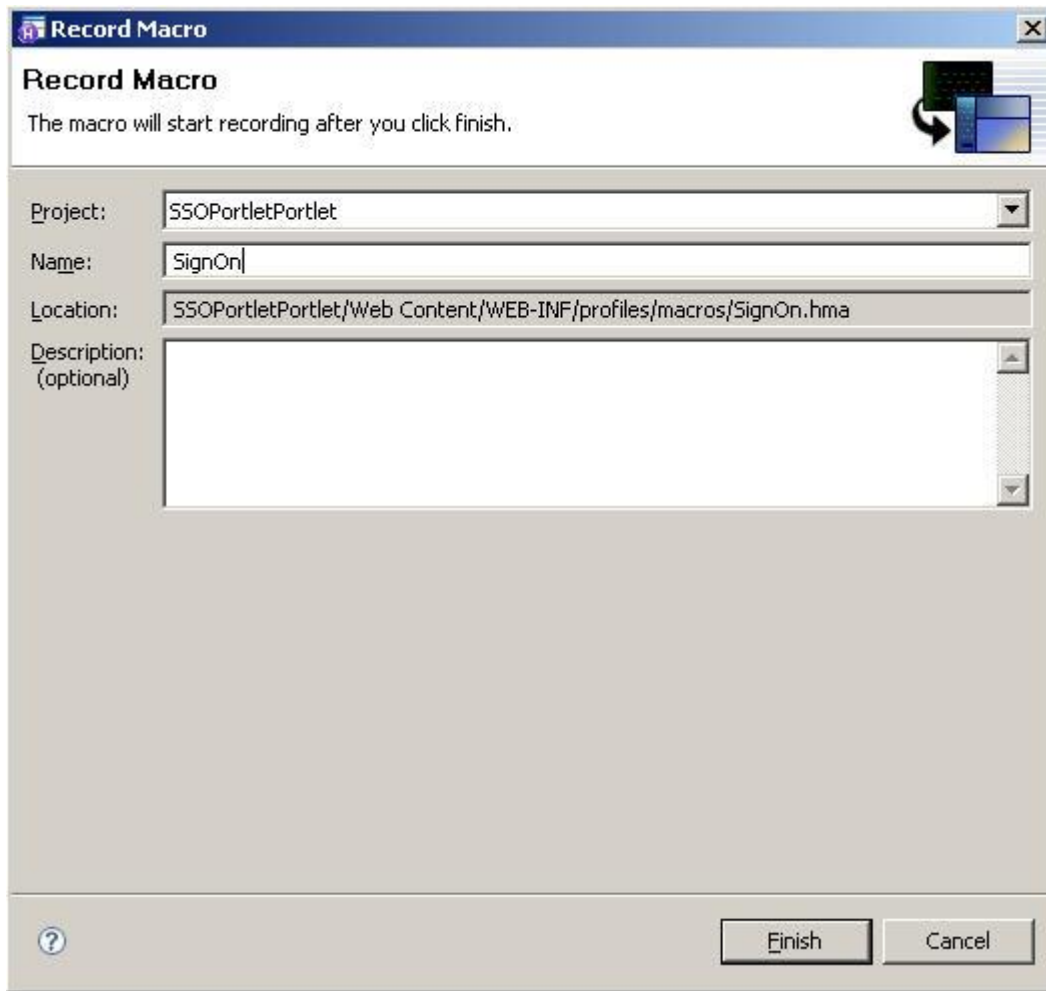
YOUR IP ADDRESS : 210.2.132.117
YOUR TELNET PORT: 02785

-----
APPLICATIONS AVAILABLE
-----
TSO      | CICS   | CICSB  | CICS
IMSA     | IMSB   | IBMSM  |
NETVIEW  |        | CICS   | CICS
-----

SELECTION ==> _
MA+ a 24/020
```

At the bottom of the window is a control panel with buttons for PF1 through PF12, Enter, Clear, PA1, PA2, Attn, SysReq, NewLine, and NextPad.

17. On the “**Record Macro**” panel, type “**SignOn**” in the Name field and click **Finish**.



Record Macro

The macro will start recording after you click finish.

Project: SSOPortletPortlet

Name: SignOn

Location: SSOPortletPortlet/Web Content/WEB-INF/profiles/macros/SignOn.hma

Description:
(optional)

Finish Cancel

18. On the “**Screen Recognition Criteria**” window, select the three line text in the white font color starting with “**Welcome to IBM**” as screen recognition criteria. Select “**At a Specified Position**” radio button on the right hand side and click **Finish** button.

Define Screen Recognition Criteria

Define the starting screen of the macro

Select the criteria which will be used to identify this screen when the macro is played. Select Next to add additional criteria.

Screen Name:

This is a transient screen

Total number of fields:

Number of input fields:

Cursor position: Row Column

Strings:

WELCOME TO IBM
ZSERVEROS

String position

Anywhere on the screen

At a specified position:

Row Column

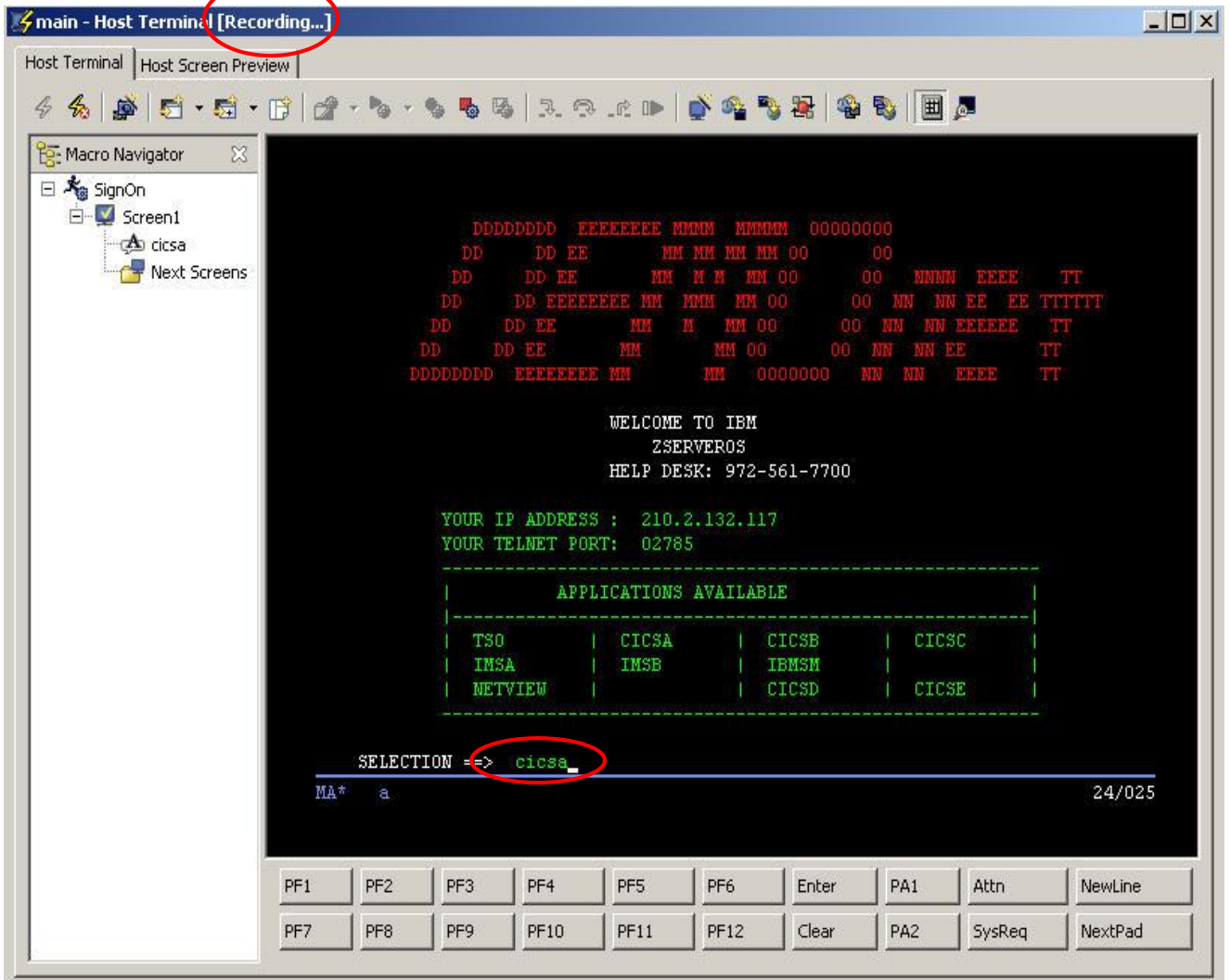
Within a rectangular region:

Start row Start column

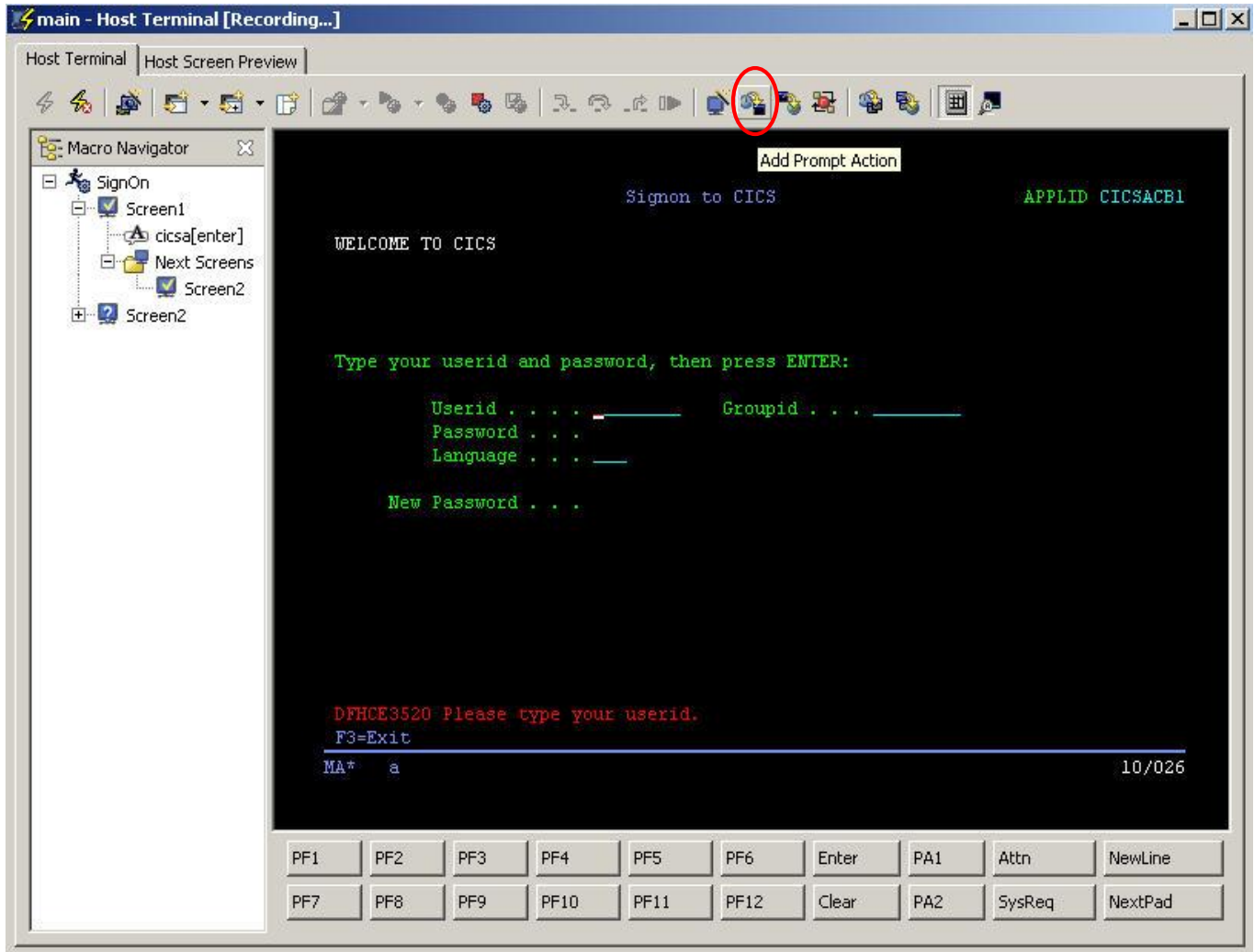
End row End column

Highlight fields: Input Protected Hidden

19. Now your macro is in the **recording** state as shown on the Title bar. Type **"cicsa"** in the **selection** field and hit "ENTER" key.



20. On the “**Signon to CICS**” screen, your **cursor** is in the “**Userid**” field. Click “**Add Prompt Action**” button from the toolbar.



21. Select **“Signon to CICS”** text as the **“Screen Recognition Criteria”** and select **“At a Specified Position”** radio button from the right hand side.

Define Screen Recognition Criteria

Define the screen on which the prompt will be used
Adding a text string will help insure that the screen is matched correctly.

Screen Name:

This is a transient screen

```
APPLID CICSACB1
WELCOME TO CICS
Type your userid and password, then press ENTER:
  Userid . . . . . Groupid . . . .
  Password . . . .
  Language . . . .
  New Password . . . .
```

Total number of fields:

Number of input fields:

Cursor position: Row Column

Strings:

String position

Anywhere on the screen

At a specified position:

Row Column

Within a rectangular region:

Start row Start column

End row End column

Highlight fields: Input Protected Hidden

22. On the “**Add Prompt Action**” panel, type “userid” in the **Name** field and select “**Use Web Express Logon**” radio button and type “cicsa” in the “**Application ID:**” field.



Add Prompt Action

Name:

Default value:

Password protect input

Position

Row:

Column:

Handle Macro Prompt

Show handler

Handler:

Set prompt to string

String:

Set prompt to global variable

Global variable:

Set prompt to property from User List

User Profile:

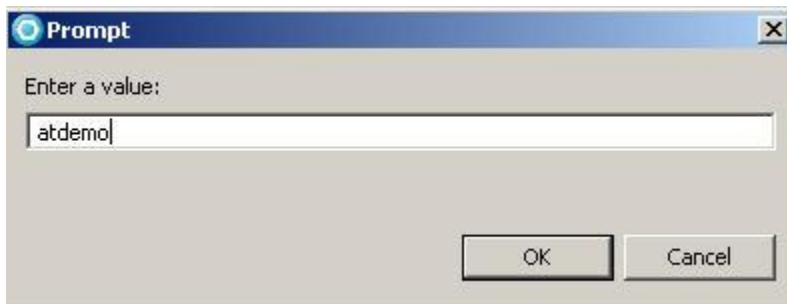
User List property:

Use Web Express Logon

Prompt type:

Application ID:

23. On the “**Value Prompt**”, type “**atdemo**” and click “**OK**” button.



Prompt

Enter a value:

24. Now press “**Tab**” key **twice** to put your cursor in the “**password**” field. Then again click on “**Add Prompt Action Button**” from the toolbar as we did in **step # 20**.

25 On the “**Add Prompt Action**” panel, type “password” in the **Name** field and select “**Use Web Express Logon**” radio button and type “**cicsa**” in the “**Application ID:**” field.

Add Prompt Action

Name: password

Default value:

Password protect input

Position

Row: 11

Column: 26

Handle Macro Prompt

Show handler

Handler: default.jsp

Set prompt to string

String:

Set prompt to global variable

Global variable:

Advanced...

Set prompt to property from User List

User Profile:

User List property:

Use Web Express Logon

Prompt type: Password

Application ID: cicsa

OK Cancel

26. On the “**Value Prompt**”, type “**demo4you**” and click “**OK**” button

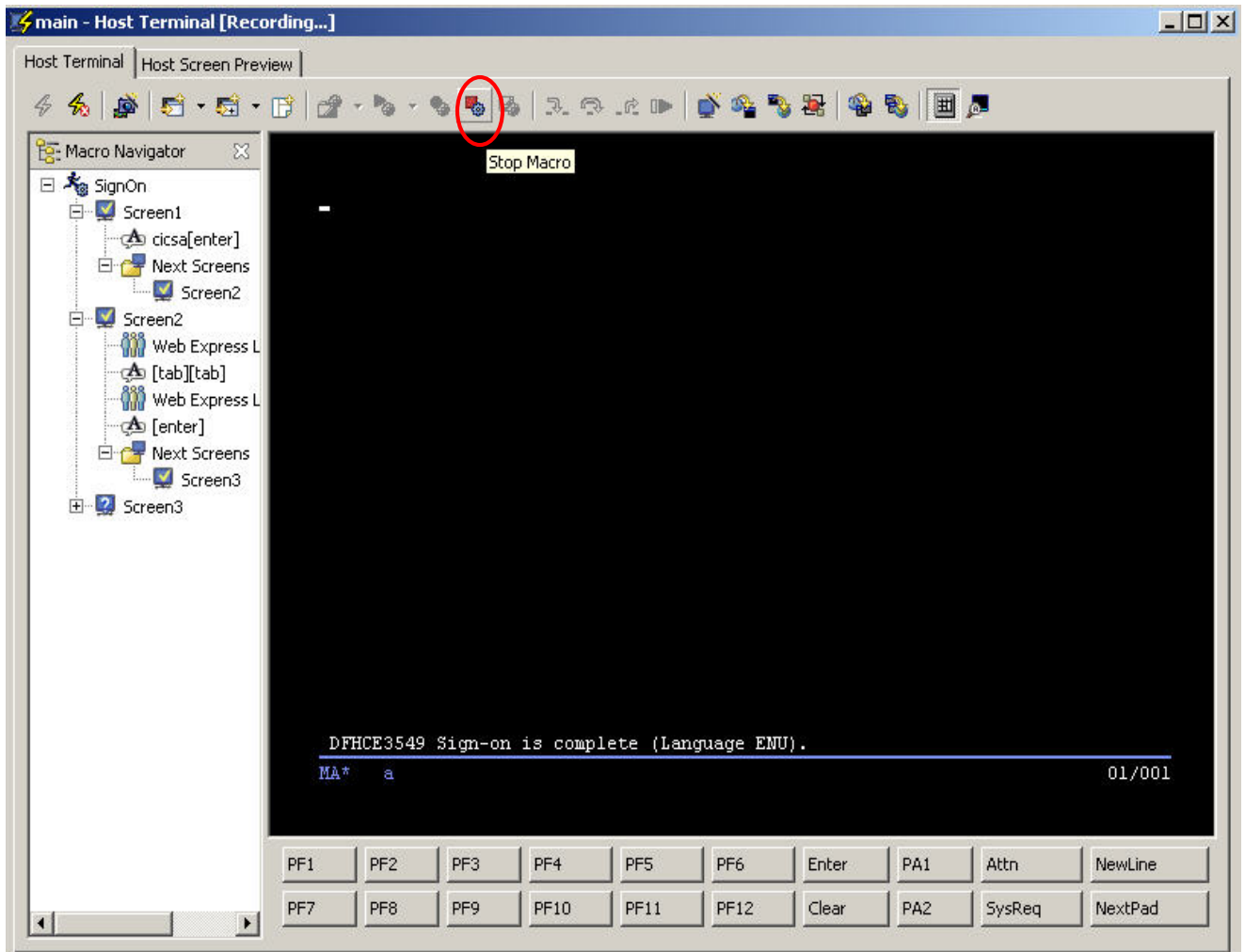
Prompt

Enter a value:

OK Cancel

27. Now press “**ENTER**” to navigate on to the next screen.

28. On the next screen, Click on the **“Stop Macro”** button.



29. On the “**Screen Recognition Criteria**” screen, select “**DFHCE3549 Sign-on is complete (Language ENU)**” as screen recognition criteria. **Uncheck** “Total number of fields”, “Number of Input fields”, “Cursor Position” check boxes. Select “**At a specified Position**” radio button and click **Finish**.

Define Screen Recognition Criteria

Define the exit screen of the macro

Select the criteria which will be used to identify this screen when the macro is played. Select Next to add additional criteria.

Screen Name:

This is a transient screen

Total number of fields:

Number of input fields:

Cursor position: Row Column

Strings:

DFHCE3549 Sign-on is complete (Language ENU)

String position

Anywhere on the screen

At a specified position:

Row Column

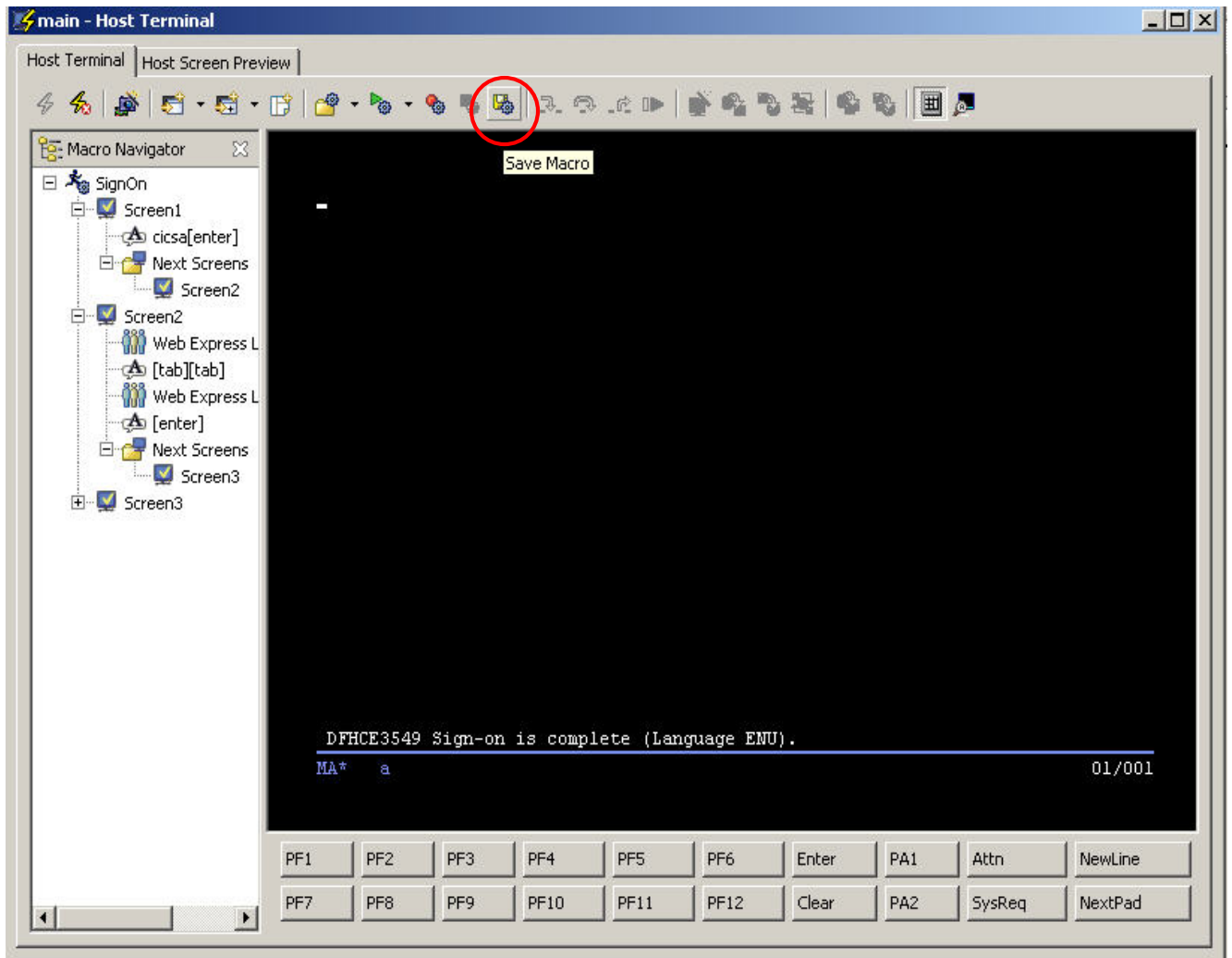
Within a rectangular region:

Start row Start column

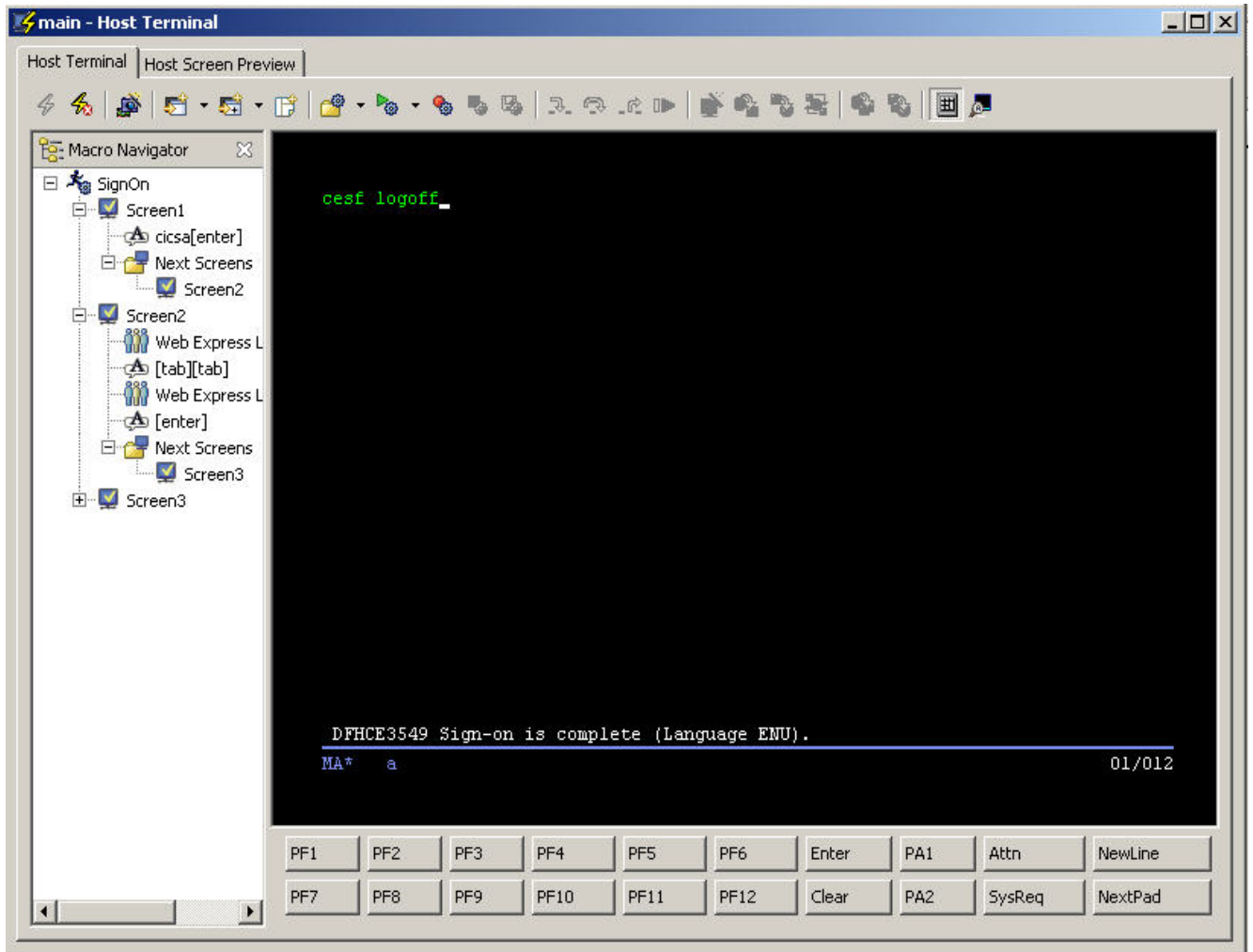
End row End column

Highlight fields: Input Protected Hidden

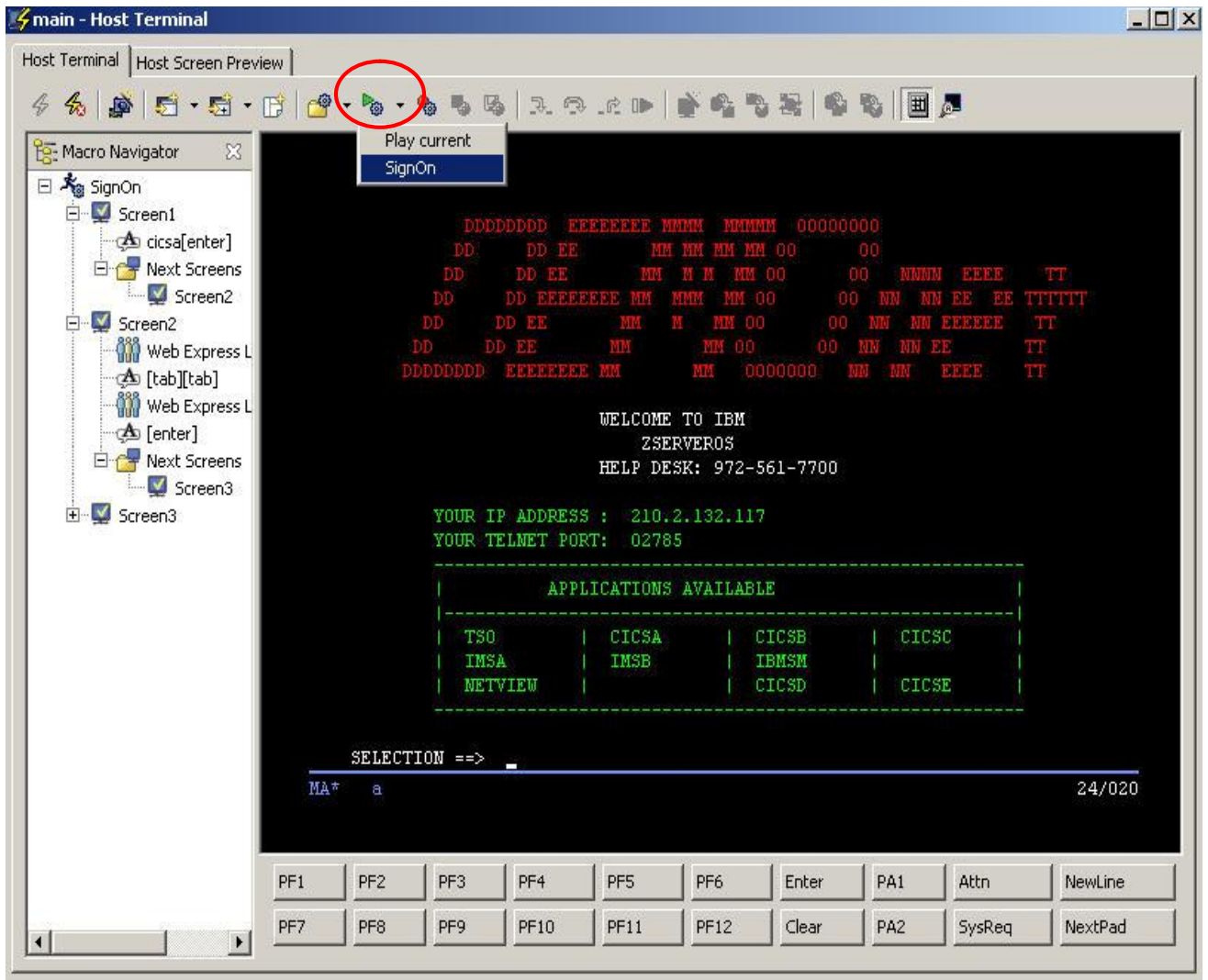
30. Click on the **“Save Macro”** button to save the macro.



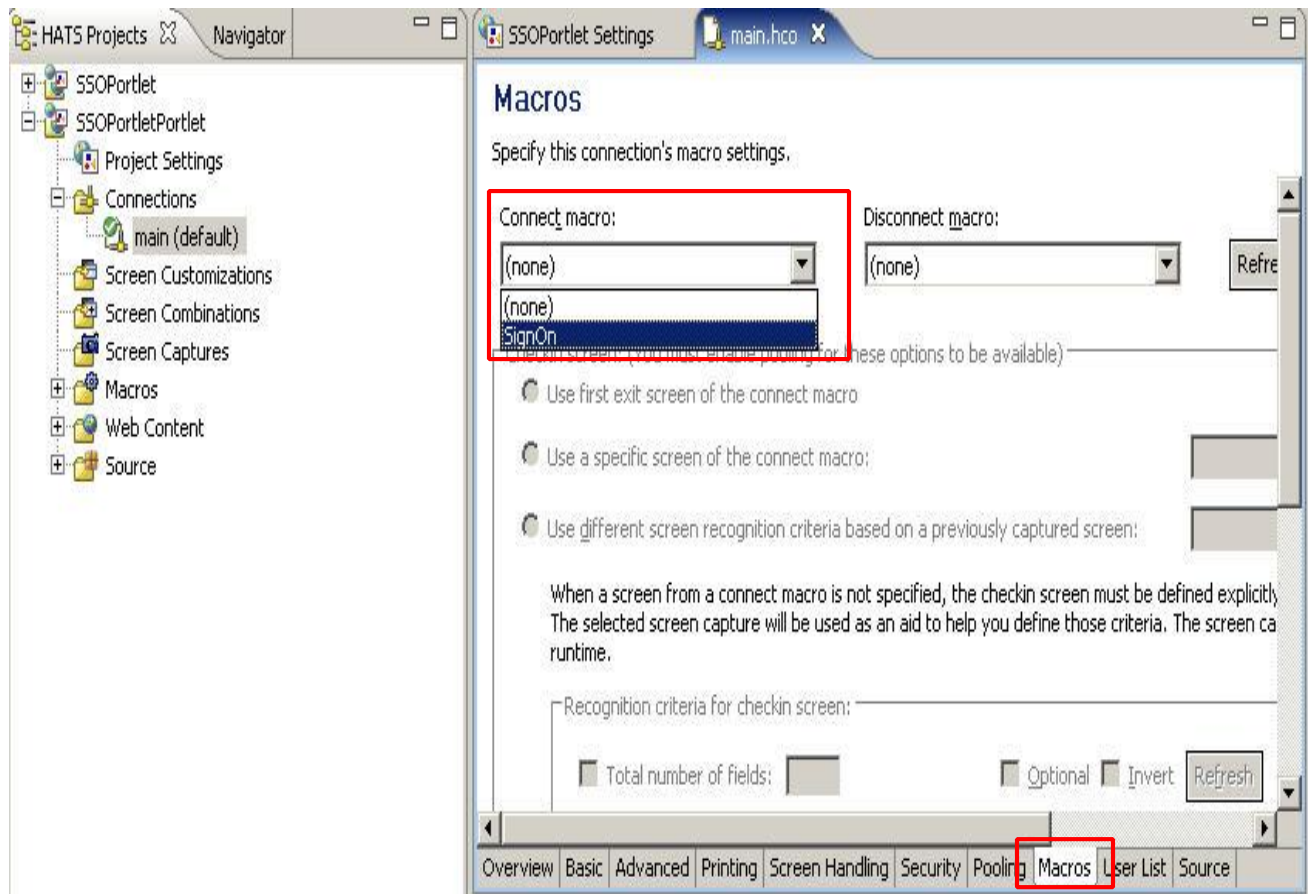
31. Type **cesf logoff** and hit ENTER to go back on the Welcome screen to test the Signon macro.



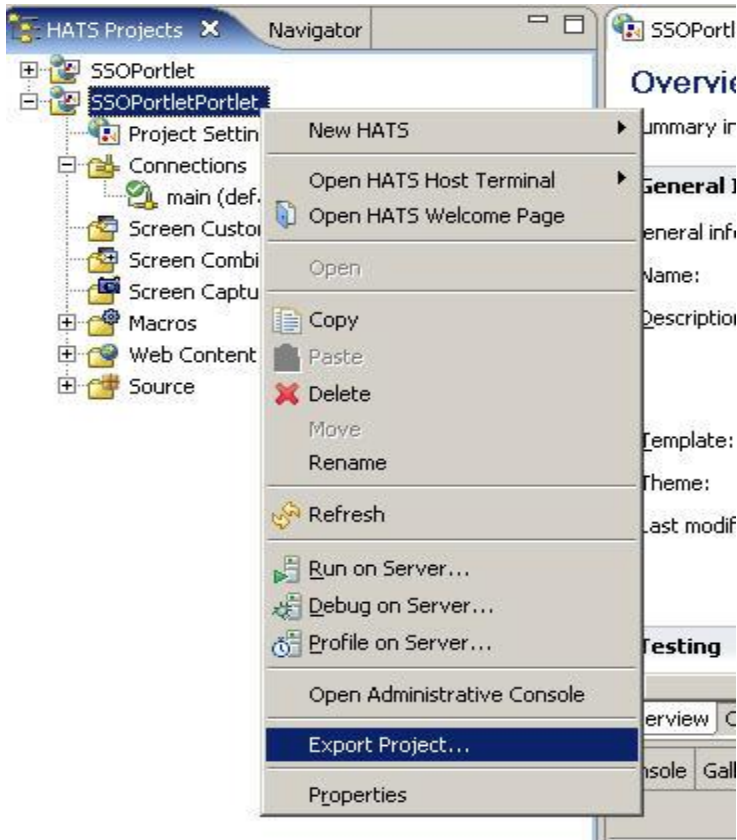
32. Click on the “Play a macro” button and select Signon Macro from the list to check, whether it is working correctly or not.



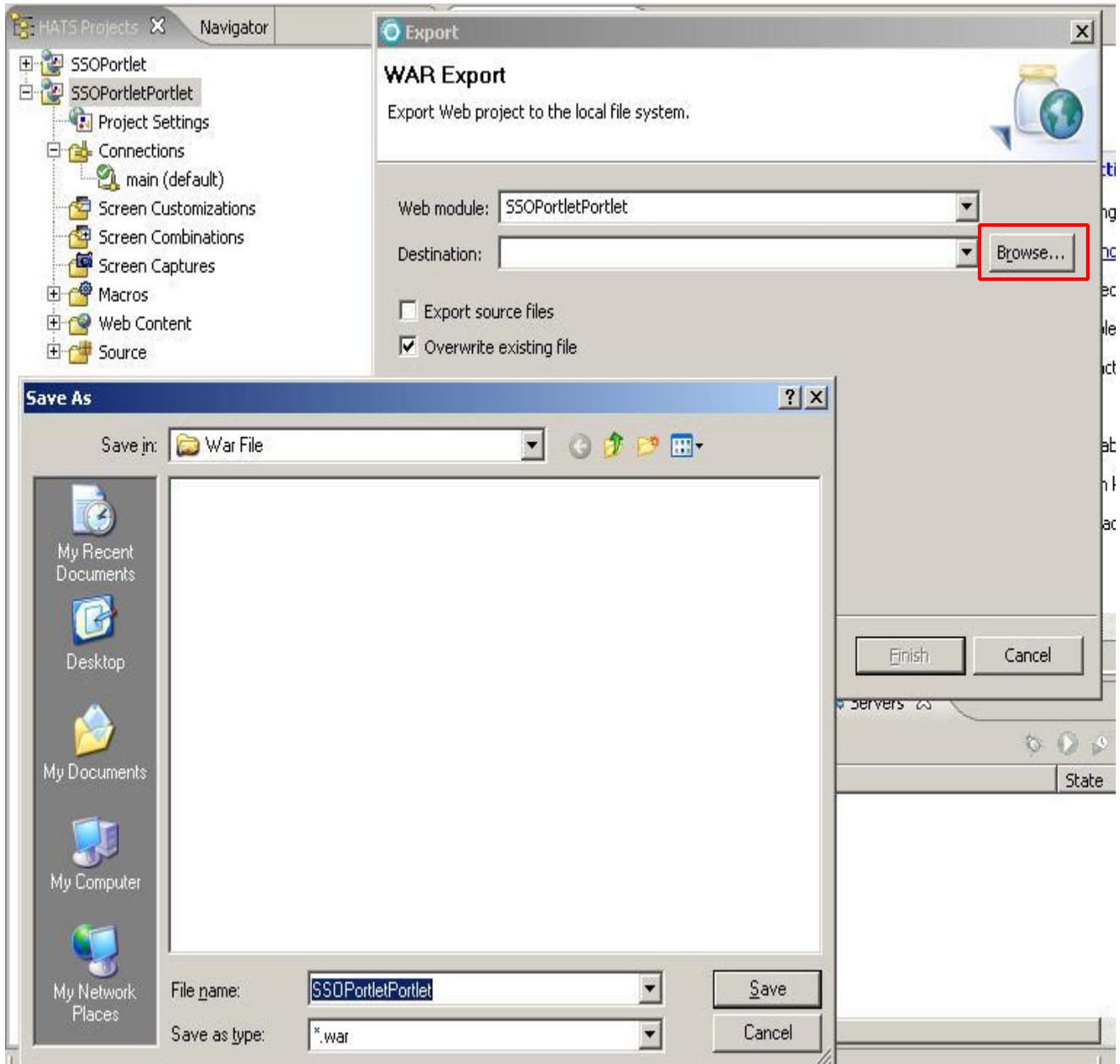
33. Now double click on the “main” under the “Connection” folder and select the “Macros” tab. select the “SignOn” macro as a “Connect macro” from the dropdown and save the file.



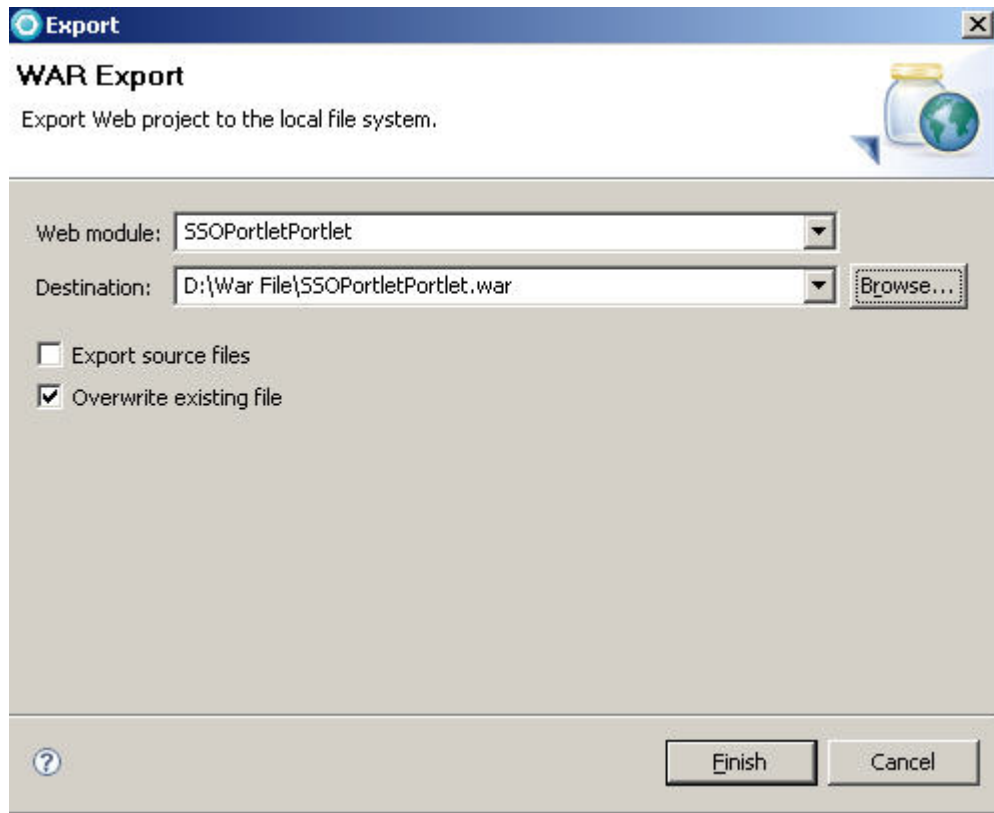
34. Right Click on the “SSOPortletPortlet” project and select “Export Project” to create the .war file of the project.



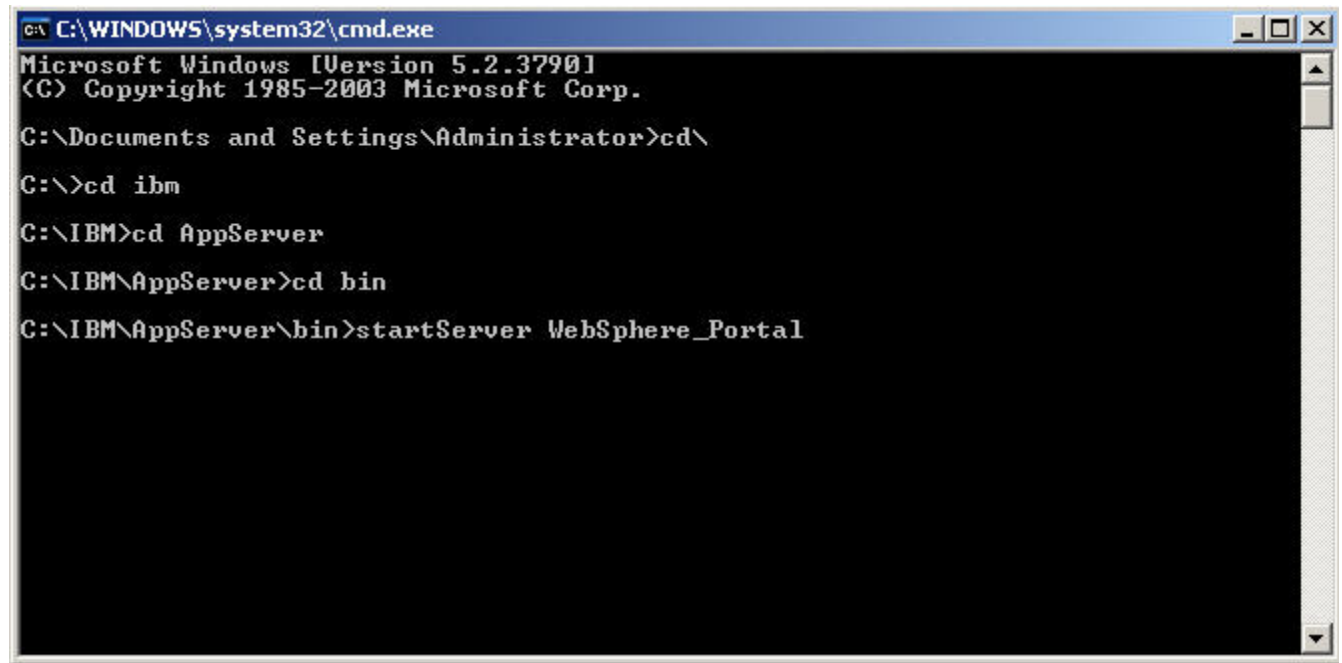
35. On the “**Export**” panel, click on the “**Browse**” button and give the path where you want to create your “**war file**”.



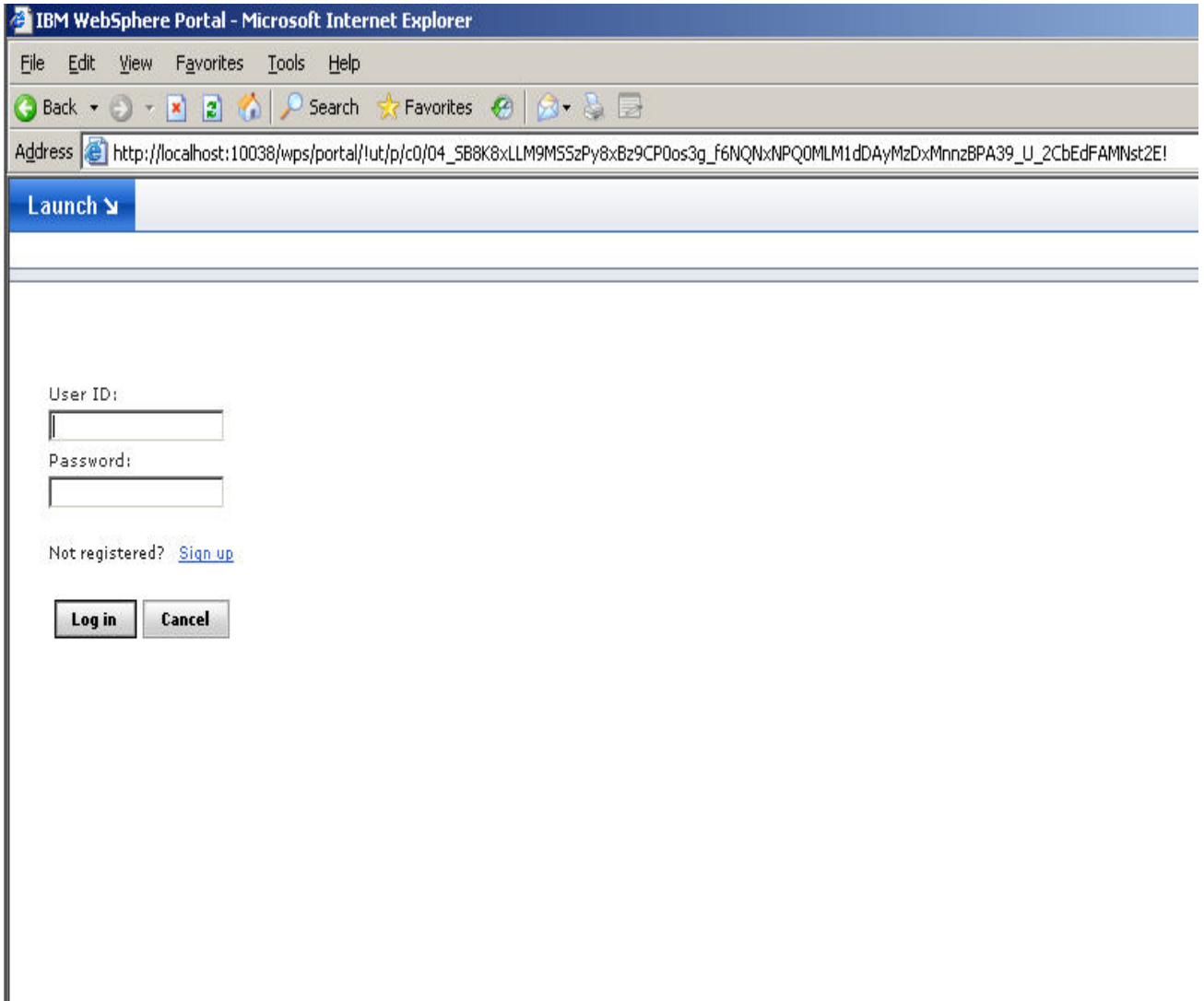
36. Your “**Export**” window should look like this. Click “**Finish**” button.



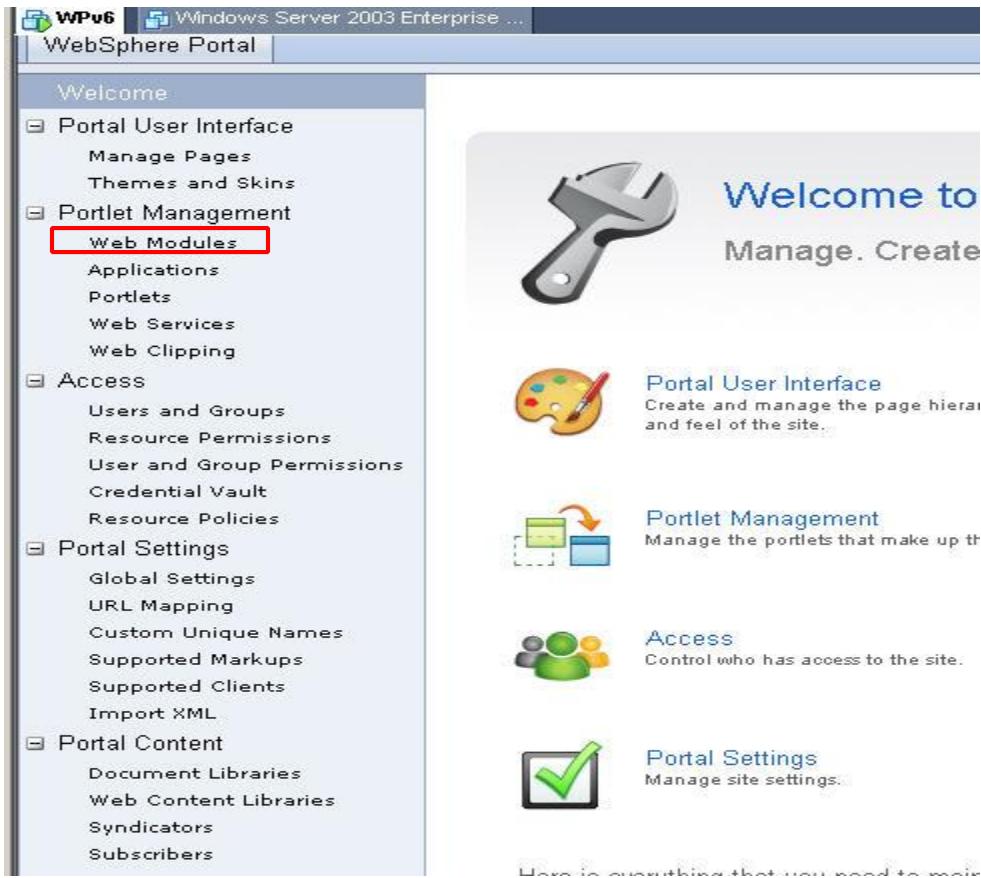
37. Now open the command prompt and start your **WebSphere Portal Server** in the following way:



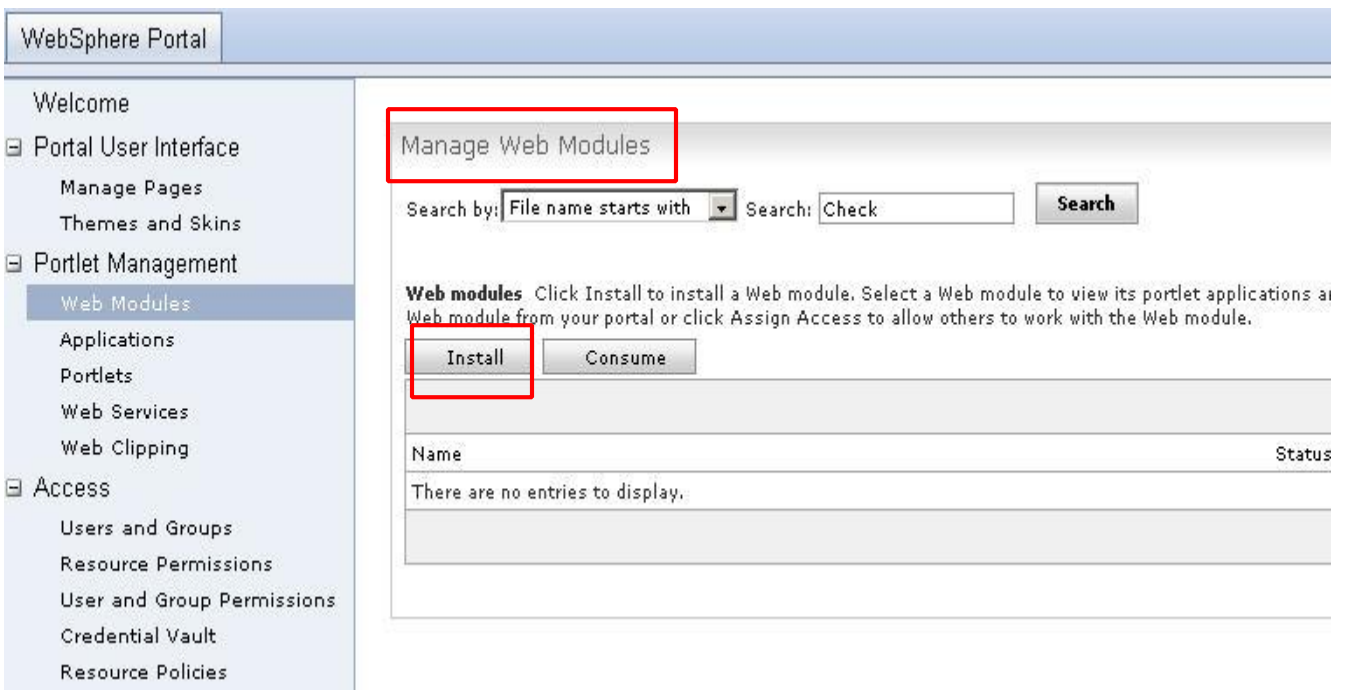
38. After starting WebSphere Portal Server, Open the browser and type the following URL.
<http://localhost:10038/wps/myportal>



40. Now click on the “Web Modules”.



41. On the “Manage Web Modules” page, click on the “Install” button.



42. Now click on the **“Browse”** button to specify the path of the **WAR** file and then click **Next** button.

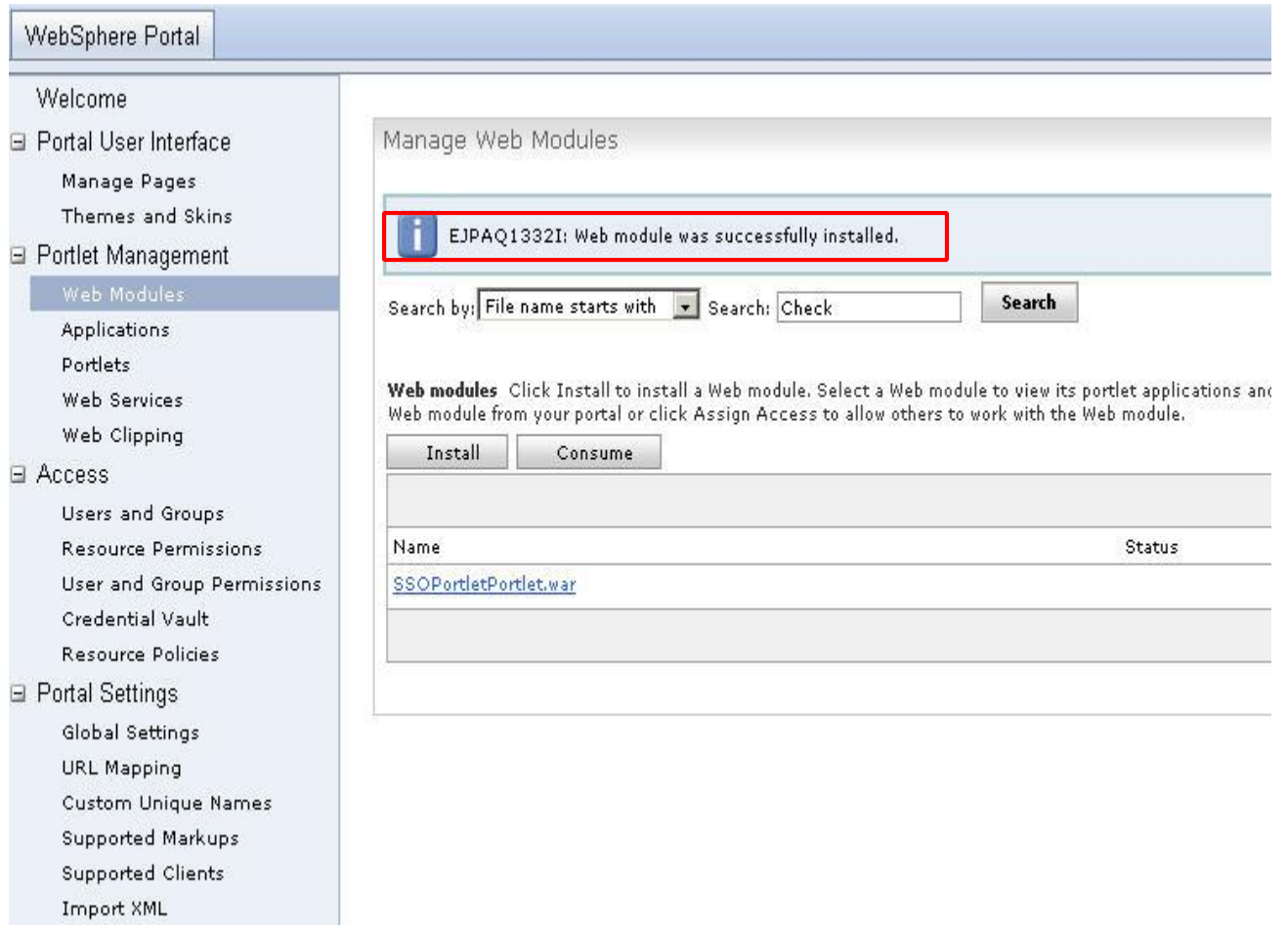
The screenshot shows the 'WebSphere Portal' interface with a left-hand navigation menu. The 'Portlet Management' section is expanded, and 'Web Modules' is selected. The main content area displays the 'Manage Web Modules' dialog box. The dialog title is 'Manage Web Modules'. Below the title, it says 'Installing a Web module, Step 1: Select WAR file.' A help icon and text indicate: 'Click the Browse button to specify the location of the WAR file to the Web module page.' There is a text input field labeled 'Directory:' followed by a 'Browse...' button. At the bottom of the dialog are 'Next' and 'Cancel' buttons.

43. Click on the **“Finish”** button to deploy the **WAR** file.

The screenshot shows the 'WebSphere Portal' interface with the same navigation menu as the previous screenshot. The 'Manage Web Modules' dialog box is now at 'Step 2: View WAR file contents.' The dialog title is 'Manage Web Modules'. Below the title, it says 'Installing a Web module, Step 2: View WAR file contents.' A help icon and text indicate: 'The selected WAR file contents are displayed below. Select the Finish button to install the WAR file or the module page.' Below this text is a table with two columns: 'Portlet applications' and 'Portlets'. The table contains one row of data: 'SSOPortletPortlet Application' under 'Portlet applications' and 'SSOPortletPortlet Portlet' under 'Portlets'. At the bottom of the dialog are 'Finish' and 'Cancel' buttons. The 'Finish' button is highlighted with a red rectangle.

| Portlet applications | Portlets |
|-------------------------------|---------------------------|
| SSOPortletPortlet Application | SSOPortletPortlet Portlet |

44. When your application **WAR** file will be installed, it will give the message of successful installation as shown below:



The screenshot displays the WebSphere Portal interface. On the left is a navigation menu with categories like 'Welcome', 'Portal User Interface', 'Portlet Management', 'Access', and 'Portal Settings'. The 'Web Modules' link under 'Portlet Management' is highlighted. The main content area is titled 'Manage Web Modules' and features a message box with an information icon and the text 'EJPAQ1332I: Web module was successfully installed.' Below this is a search section with a dropdown menu set to 'File name starts with', a search input field containing 'Check', and a 'Search' button. A 'Web modules' section contains instructions and two buttons: 'Install' and 'Consume'. At the bottom, a table lists installed modules.

| Name | Status |
|---------------------------------------|--------|
| SSOPortletPortlet.war | |

45. Now click on the “**Manage Pages**” link from the left navigation and then click on “**Content Root**” link.

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

Manage Pages

Use the controls below to work with your pages. Browse or search for pages to work with. Click New and deactivate pages, re-order, edit properties and layout, move, export, assign permissions and delete pages. For more information, see the Manage Pages help topic.

Search by: Search:

[Select Page](#)

My pages Add, Edit, Delete, and Reorder pages

| Title | Unique name |
|------------------------------|------------------|
| Content Root | wps.content.root |

46. Then click on the “**Home**” link.

Windows Server 2003 Enterprise ...

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

Manage Pages

Use the controls below to work with your pages. Browse or search for pages to work with. Click New to create new page and deactivate pages, re-order, edit properties and layout, move, export, assign permissions and delete pages. For more information, see the Manage Pages help topic.

Search by: Search:

[Select Page](#) > **Content Root**

Pages in Content Root Add, Edit, Delete, and Reorder pages

| Title | Unique name | Status |
|--|-----------------------------------|--------|
| Home | ibm.portal.Home | Active |
| Administration | ibm.portal.Administration | Active |
| News | ibm.portal.News | Active |
| Personalization Picker | ibm.portal.Personalization.Picker | Active |
| Documents | ibm.portal.Documents | Active |
| Groups Viewer | ibm.portal.Groups.Viewer | Active |
| People Finder | ibm.portal.People.Finder | Active |
| Person Tag | ibm.portal.Person.Tag | Active |
| Directory Search | ibm.portal.Directory.Search | Active |
| Resource Policy Editor | ibm.portal.PolicyEditorCPP | Active |

Page 1 of 4

47. On the “Manage Pages” panel, click on the “New Page” tab.

The screenshot shows the WebSphere Portal interface. The left sidebar contains a navigation menu with the following items:

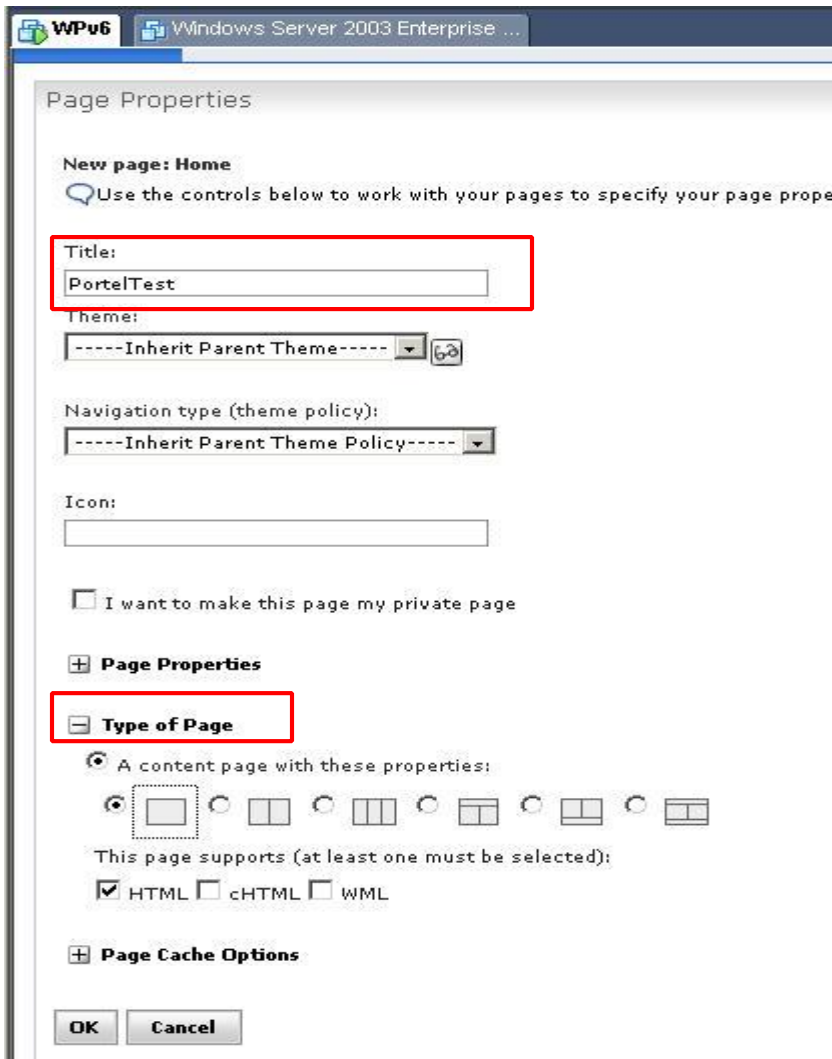
- Welcome
- Portal User Interface
 - Manage Pages (highlighted)
 - Themes and Skins
- Portlet Management
 - Web Modules
 - Applications
 - Portlets
 - Web Services
 - Web Clipping
- Access
 - Users and Groups
 - Resource Permissions
 - User and Group Permissions
 - Credential Vault
 - Resource Policies
- Portal Settings
 - Global Settings
 - URL Mapping
 - Custom Unique Names
 - Supported Markups
 - Supported Clients
 - Import XML
- Portal Content
 - Document Libraries

The main content area is titled "Manage Pages" and includes the following elements:

- Instructional text: "Use the controls below to work with your pages. Browse or search for pages to and deactivate pages, re-order, edit properties and layout, move, export, assign p"
- Search controls: "Search by: Title starts with" (dropdown), "Search:" (input field), and "Search" (button).
- Breadcrumb: "Select Page > Content Root > Home"
- Section: "Pages in Home" with the subtitle "Add, Edit, Delete, and Reorder pages".
- Buttons: "New Page" (highlighted with a red box), "New Label", and "New URL".
- Table of pages:

| Title | Unique name |
|---------------------------------|---------------------------|
| Welcome | ibm.portal.Home.Welcom |
| Getting Started | ibm.portal.Getting Starte |
| PortelCMPTest | 6_A43TRKG10OQT102 |

48. On the “**Page Properties**” page, type the name “**PortletTest**” in the “**Title**” field. Expand the “**Type of Page**” and select the **first radio button for the Portlet** to display as shown below and click on **OK** button.



49. Your Page will appear in the “**Manage Pages**” page. Click on the “**Edit Layout**” button with the “**Pencil**” image in front of your Portlet page as shown below:

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

Manage Pages

Use the controls below to work with your pages. Browse or search for pages to work with. Click New to create new pages, labels and urls. Activate and deactivate pages, re-order, edit properties and layout, move, export, assign permissions and delete pages. For more information, click Help.

Search by: Search:

[Select Page](#) > [Content Root](#) > [Home](#)

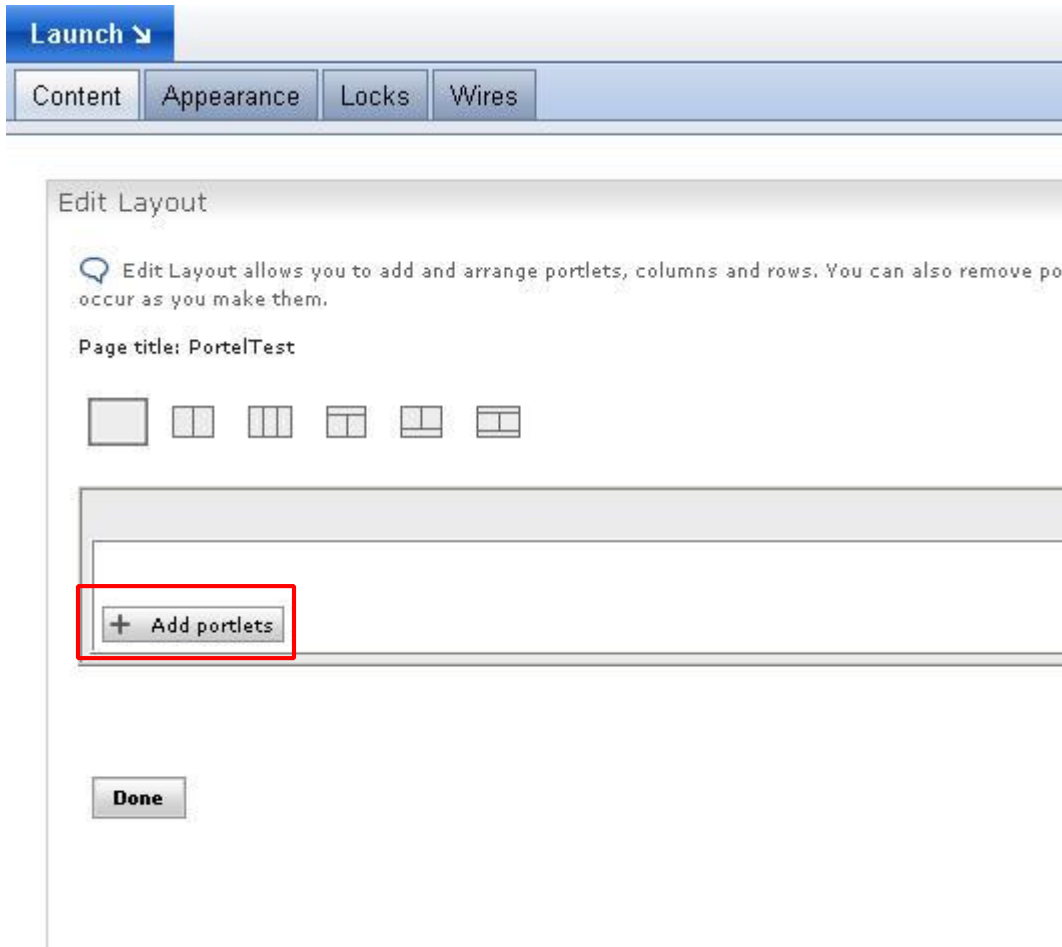
Pages in Home Add, Edit, Delete, and Reorder pages

Page 1 of 1

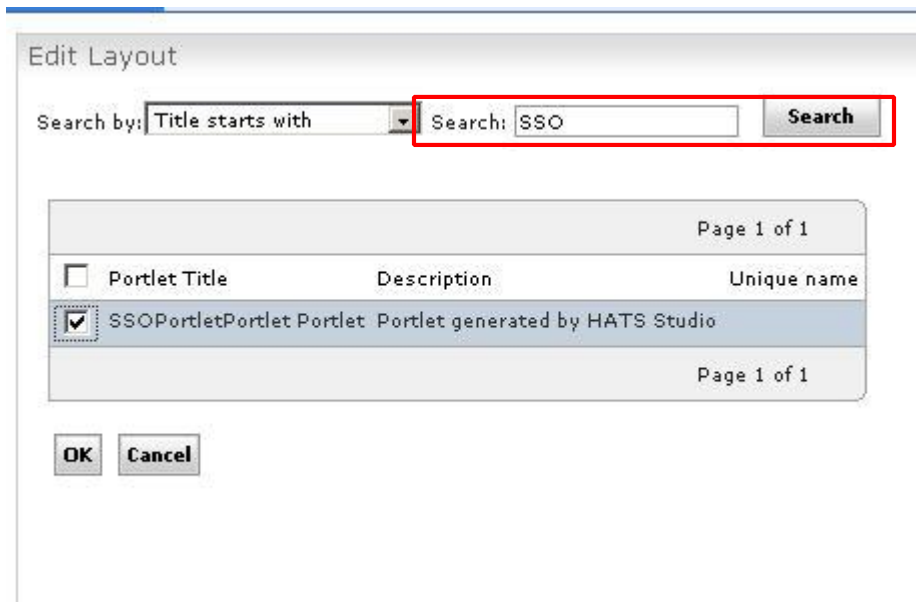
| Title | Unique name | Status | | | | | | | | |
|---------------------------------|------------------------------|------------------------|---|---|---|---|---|---|---|---|
| Welcome | ibm.portal.Home.Welcome | Active | ▼ | 📄 | ✎ | 📄 | ☑ | 🔑 | 🗑 | |
| Getting Started | ibm.portal.Getting Started | Active | ▲ | ▼ | 📄 | ✎ | 📄 | ☑ | 🔑 | 🗑 |
| PortelCMPTest | 6_A43TRKG100QT102J9D94LK30G0 | Active | ▲ | ▼ | 📄 | ✎ | 📄 | ☑ | 🔑 | 🗑 |
| PortelTest | 6_A43TRKG108SPD02JPI72112007 | Active | ▲ | ▼ | 📄 | ✎ | 📄 | ☑ | 🔑 | 🗑 |

Page 1 of 1

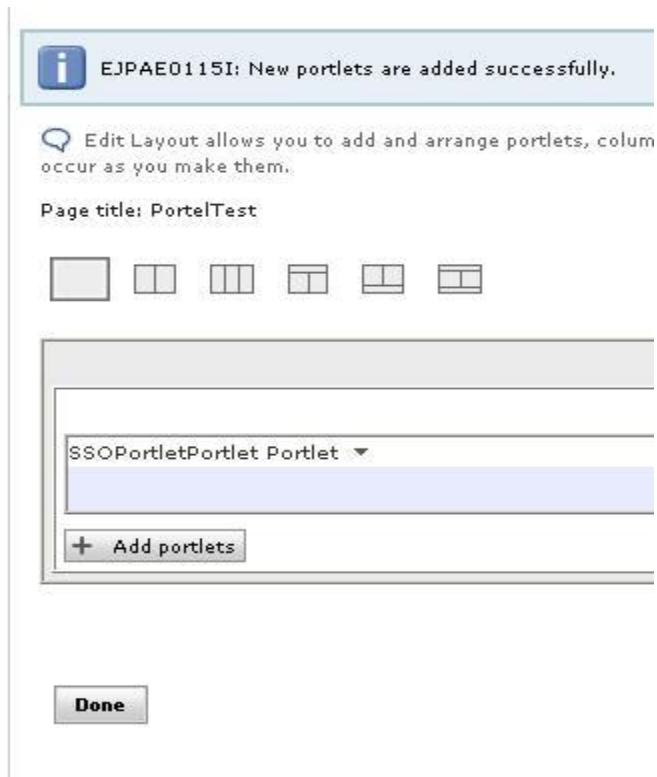
50. On the “**Edit Layout**” panel, click on the “**Add portlets**” button



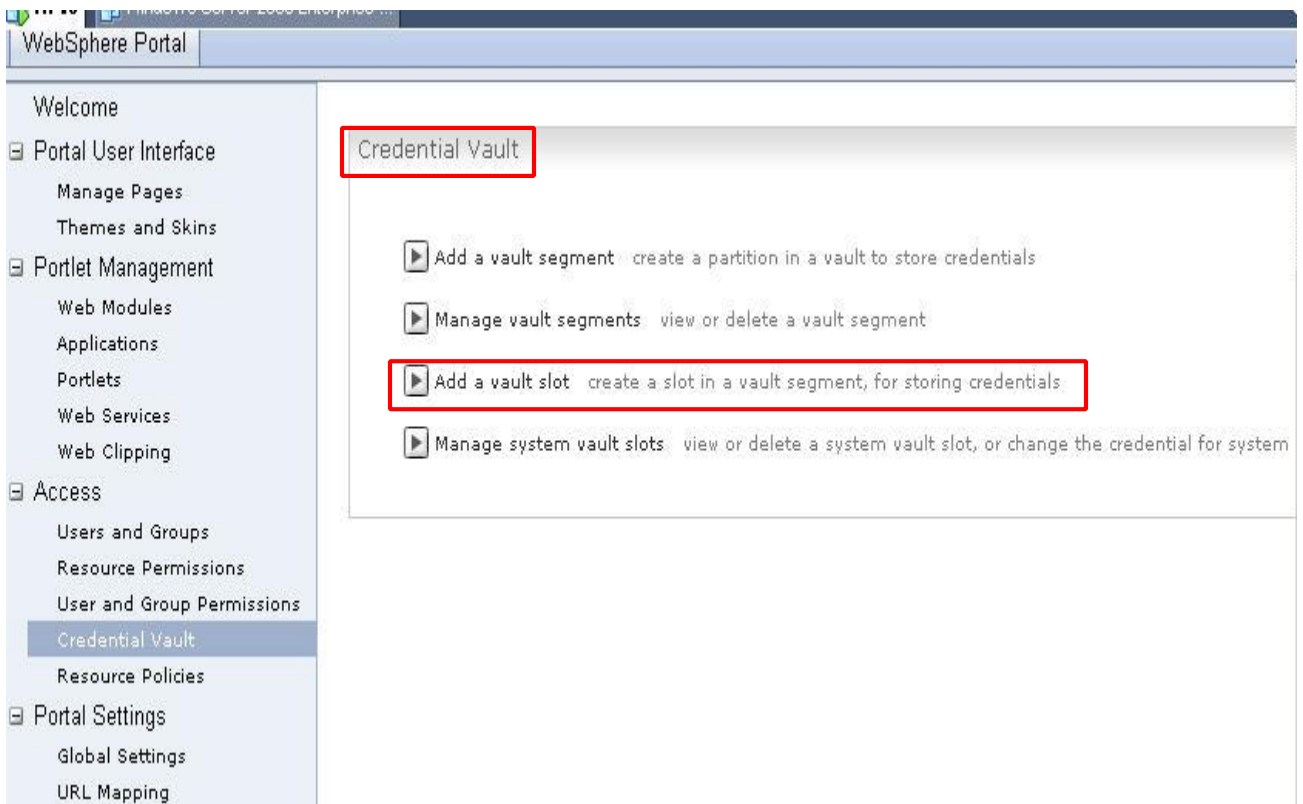
51. On the next window, type initial letters of your **WAR** file for e.g. SSO in the **Search** input field and click on **Search** button. It will bring up your **WAR file** and then select your **WAR** file and click on the “**OK**” button.



52. Click on the **DONE** button.



53. Now click on the **"Credential Vault"** link from the left navigation. You will see the following 4 options on the page under the **Credential Vault** heading. Click on the **"Add a vault slot"** option.



54. On the “**Credential Vault**” panel, type “**HATS zserveros.dfw.ibm.com cicsa**” in the “**Name**” field.

HATS is the name of **SLOT ID** which we saw in **Step # 14**.

zserveros.dfw.ibm.com is the **hostname**.

cicsa is the **Application ID**.

Enable checkbox “**Vault slot is shared**” and type “**atdemo**” in **userid** field and “**demo4you**” in **shared password** and **confirm password** fields.

Select the **new** radio button and type **HATS** in the field

Select Vault

Vault:

default-release

Create a vault slot

Name:

HATS zserveros.dfw.ibm.com ci

Vault segment:

DefaultAdminSegment

Vault resource associated with vault slot:

existing:

new: HATS

Vault slot is shared:

Shared userid: atdemo

Shared password: ●●●●●●

Confirm password: ●●●●●●

Description:

Set locale-specific descriptions

OK Cancel

55. Now click on the “Home” link at the bottom.

The screenshot displays the IBM WebSphere Portal interface. At the top, there is a browser window title bar showing "vrvvu" and "Windows Server 2003 Enterprise...". Below this, the main content area is divided into several sections:

- Page Menus**: A section with the text "Use page menus to access all actions that you are allowed to perform. Just click the menu icon beside a page title, and select an action."
- Portlet Menus**: A section with the text "Click the menu icon in a access all of the actions".
- Portlet Palette**: A section with the text "Add a portlet to a page portlet from the Portlet".
- Search Scopes**: A section with the text "Use search scopes to restrict a search to a specific area of a site. Use search administration to define new scopes and links to other search engines."

Below these sections is a box titled "About WebSphere Portal" containing the following information:

IBM WebSphere Portal 6.0
Build Level: wp600_244 2006-07-18 17:02

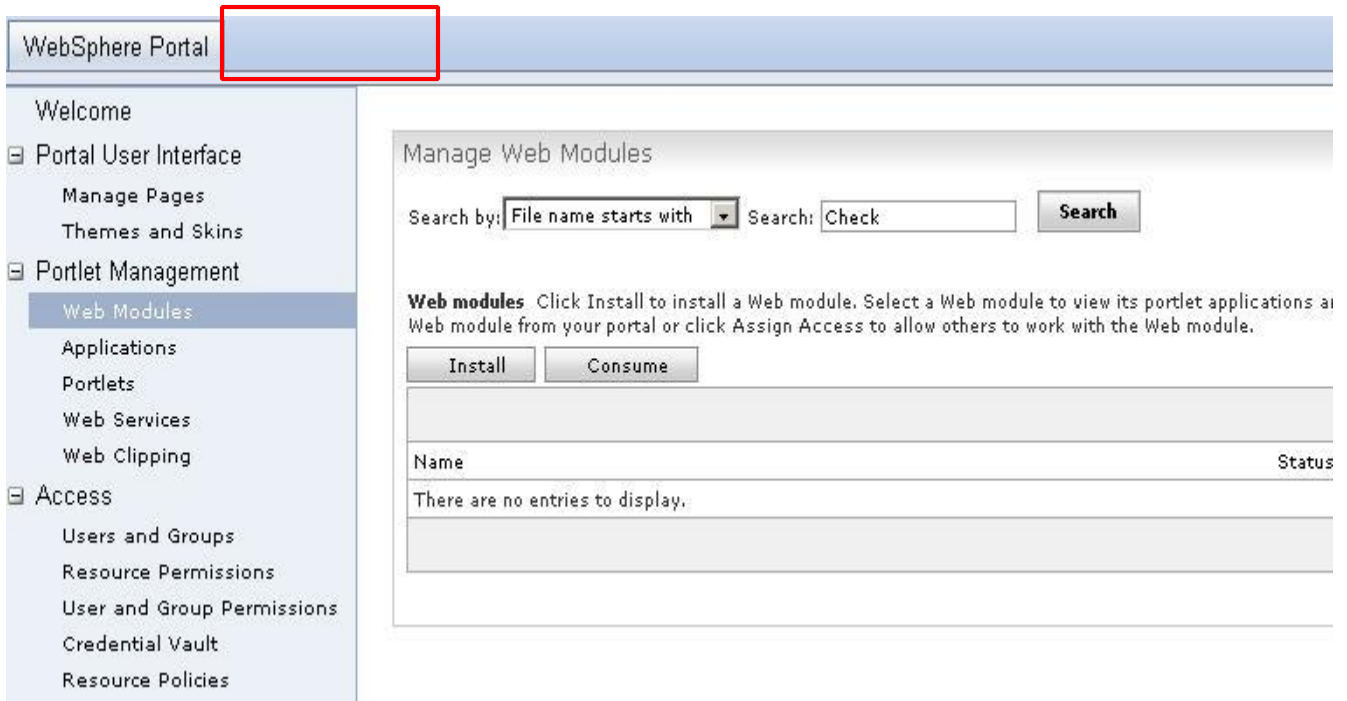
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5724-E76, 5724-E77, 5655-M44
(C) Copyright IBM Corp. 2001, 2006 All Rights Reserved.

Below the "About" box, there is a message: "Welcome to the portal, admin".

At the bottom of the page, there is a navigation bar with the following links and icons:

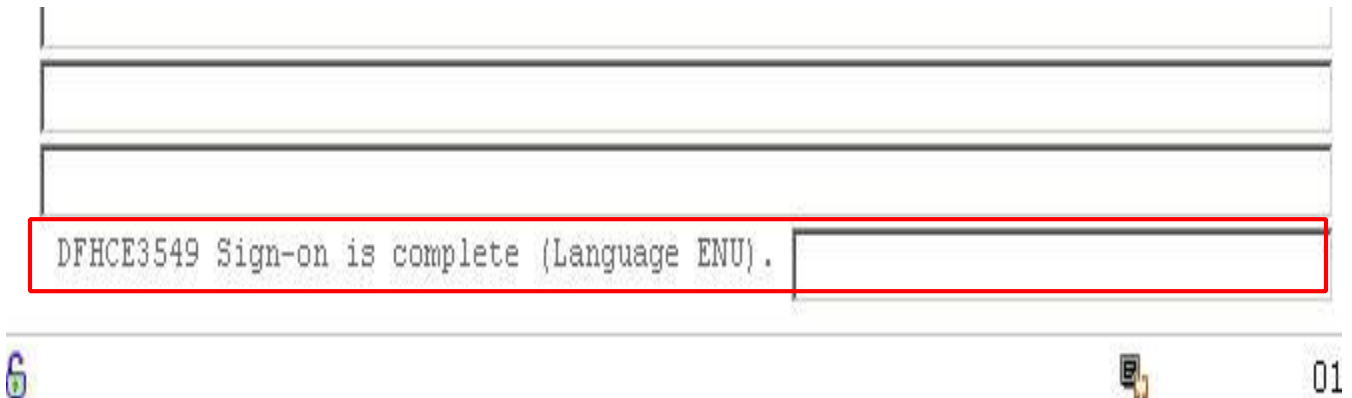
- Home**: A house icon, which is highlighted with a red box.
- Administration**: A key icon.
- Documents**: A folder icon.
- Messaging**: An envelope icon.
- Site Map**: A location pin icon.

56. On the “Home” page, you will find a tab, just beside the **WebSphere Portal** tab as shown below in the blank red rectangle, with the name of your portlet page i.e. **PortelTest** which we have given during deployment process in **step # 48**.



The screenshot shows the WebSphere Portal interface. At the top, there is a navigation bar with the text "WebSphere Portal" and a blank red rectangle next to it. On the left side, there is a navigation menu with the following items: Welcome, Portal User Interface (Manage Pages, Themes and Skins), Portlet Management (Web Modules, Applications, Portlets, Web Services, Web Clipping), and Access (Users and Groups, Resource Permissions, User and Group Permissions, Credential Vault, Resource Policies). The "Web Modules" item under "Portlet Management" is highlighted. The main content area displays the "Manage Web Modules" portlet. It has a search bar with a dropdown menu set to "File name starts with" and a search button. Below the search bar, there is a section titled "Web modules" with instructions: "Click Install to install a Web module. Select a Web module to view its portlet applications at 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", and a table with columns "Name" and "Status". The table contains the text "There are no entries to display."

57. Then click on your Portlet page and it will directly take you on the “Sign On complete” screen as shown below.



The screenshot shows the "Sign On complete" screen. The main content area contains the text "DFHCE3549 Sign-on is complete (Language ENU)." which is highlighted by a red rectangle. At the bottom of the screen, there is a navigation bar with a lock icon on the left, a small icon in the center, and the number "01" on the right.



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