



Session: 41GH - 470021

@server **iSeries**

iSeries Access for Web runs in a Portal

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IBM Rochester

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iSeries Access for Web – Sessions in Chicago

1. 31GM - iSeries Access for Web: Setup and Configuration
2. 32GM - iSeries Access for Web: The Browser Alternative!
3. 35LA - LAB: iSeries Access for Web: Installation and Configuration
4. 36LA - LAB: iSeries Access for Web: Installation and Configuration
5. 41GH - iSeries Access for Web Runs in a Portal
6. 42GH - iSeries Access for Web: Run 5250 in a Browser
7. 44GH - Tips and Techniques for iSeries Access for Web
8. 45GM - iSeries Access for Web: Database Access
9. 51GI – Programming with iSeries Access for Web
10. 52GH - iSeries Access for Web: Control Access to your iSeries Resources
11. 53GH - iSeries Access for Web: Printing Made Easy Through Your Browser
12. 55LA - OPEN LAB: iSeries Access for Web
13. 56LA - OPEN LAB: iSeries Access for Web

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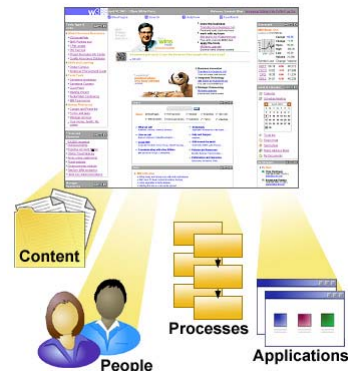


Why Portal

- Single point of entry for backend systems and applications
- Integrate various data sources and applications into one user experience
- Single sign on
 - May not wish to grant user access to backend systems
 - Access to data without granting access to system
- Collaborate with remote sites and users
- Provide e-business experience to customers, business partners and employees

Portal Definition

- Portal - Single Point of Personalized Interaction with Applications, Content, Processes and People
- By definition, a portal should provide
 - **Single sign-on**
 - **Common presentation**
 - **Application and information integration**
 - **Collaborative capabilities**
 - **Personalization and customization**
 - **A framework for Web Services**
 - **Extension to pervasive devices**
- Resulting in...
 - **Improved employee productivity = B2E Portal**
 - **Improved Partner relationships = B2B Portal**
 - **Increased customer loyalty = B2C Portal**





iSeries Portal Offerings

- Express
 - WAS 5.0.2 PME
 - Portal Server
 - Out-of-the-box portlets
 - Collaboration services API
 - Portal toolkit
 - WebSphere Studio Site Developer
 - Portal Document Manager
 - Productivity portlets
 - IBM Directory Server
- Express Plus
 - Express
 - Sametime
 - Quickplace
 - Domino
 - Collaboration Center

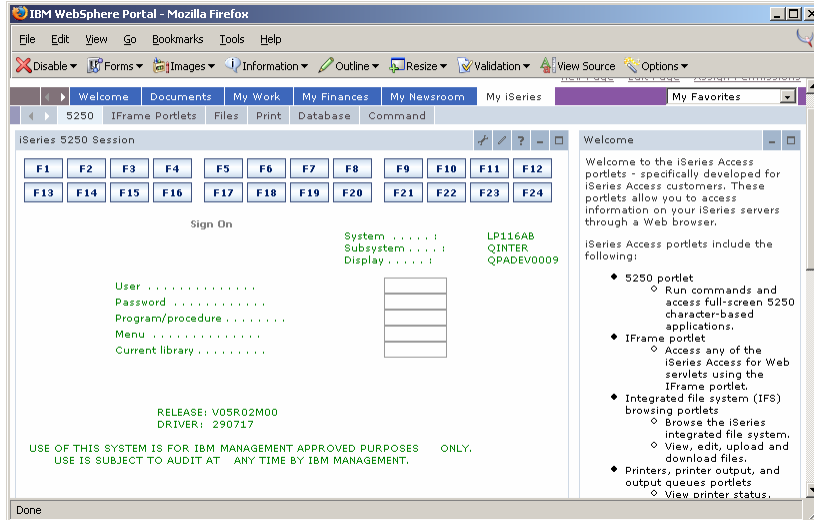


iSeries Access for Web Portlets

- New Portlets
 - GA
 - 5250
 - iFrame
 - PTF
 - File
 - Print
 - Database
 - Command
 - Credential
- iSeries Access for Web CL commands support Portal Server instances
 - Configure “My iSeries” pages



Portlets: 5250



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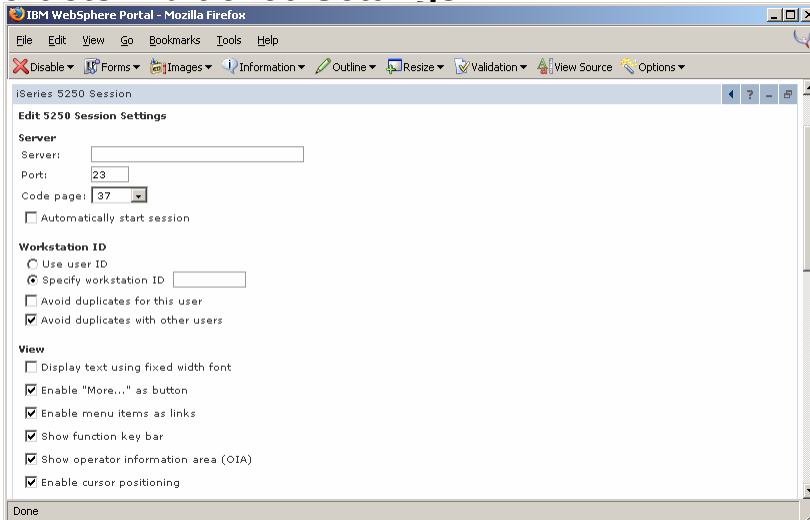
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Portlets: Edit 5250 Settings



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Portlets: iFrame

- Inline frames – iFrame
 - Each iFrame window displays content from a URL
 - Good way to leverage iSeries Access for Web servlets

Portlets: iFrame

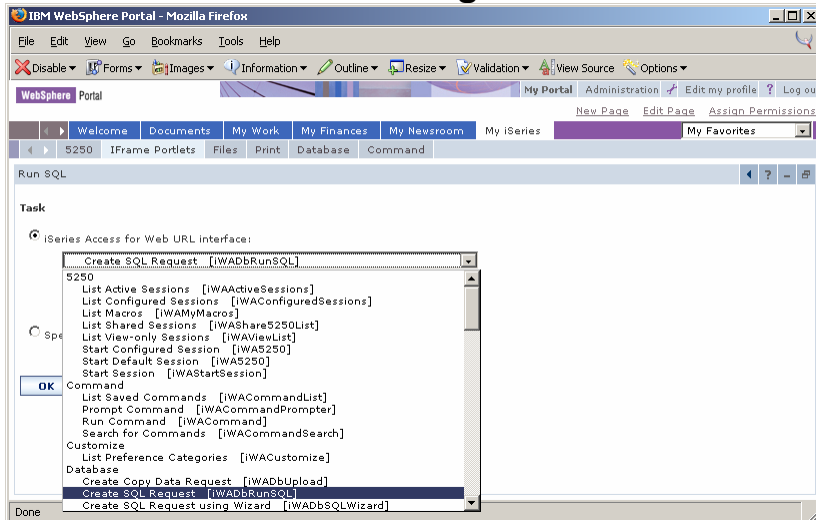
The screenshot shows a browser window displaying the IBM WebSphere Portal. The main content area shows a table titled "Printer Output for smshao" with the following data:

File Name	User Data	Creation Date/Time	Pages Per Copy	Copies	Status	Action	User	Job Name	Job Numl
QFJOBLOG	QZDASOINIT	3/31/04 9:34 AM	2	1	Ready	Work with View View as PDF	SMASHAO	QFPRINTJOB	8773
QFJOBLOG	QZDASOINIT	3/31/04	2	1	Ready	Work with	SMASHAO	QFPRINTJOB	8773

Below the table, there are two portlets:

- Run SQL**: Contains a "Menu" link and an "SQL Statement" input field.
- Directory Contents**: Contains a "Menu" link and a "Copy Files to Server" link.

Portlets: Edit iFrame Settings



Portlets: File

- File viewer portlet
 - Display file content from IFS
 - Html, text, binary files
 - Good for displaying static information to users
- File list portlet
 - List and navigate IFS
 - Send file path to other file cooperative portlets
- File list – viewer
 - Display content of the file sent from file list portlet
- File list – editor
 - Edit text file sent from file list portlet

Portlets: File

The screenshot shows the IBM WebSphere Portal interface in Mozilla Firefox. The main portlet, 'iSeries File List', displays a directory listing for the path /portal/publish. The listing includes columns for Name, Size (bytes), Type, and Modified. Files listed include aaw.exe (892753 bytes), companvnews.html (188 bytes), fixed.html (1191 bytes), menu.html (3602 bytes), gcustcdt.xls (18432 bytes), test.html (6520 bytes), and test.pdf (19024 bytes). Below the listing is a 'Copy File to Server' section with a 'File:' input field, a 'Browse...' button, a 'Replace if exists' checkbox, and a 'Copy to Server' button. To the right, there are two smaller portlets: 'iSeries File List - Viewer' and 'iSeries File List - Editor', both with instructions to use the main portlet to select a file to view or edit.

Portlets: Print

- Printer output portlet
 - List printer output for a user or output queue
 - Output queue may be set by printers or output queues portlet
 - Manage printer output (hold/release, print next, delete)
 - Send printer output identifier to printer output viewer portlet
- Printer output – viewer portlet
 - Display printer output sent from printer output portlet as PDF
- Printers portlet
 - List printers on iSeries server
 - Send printer queue name to printer output portlet
- Output queues portlet
 - List output queues on iSeries server
 - Send output queue name to printer output portlet

Portlets: Print

The screenshot displays two portlets in the IBM WebSphere Portal. The top portlet, 'iSeries Printer Output', shows a table of print jobs with columns for Actions, File Name, Status, User Data, User, Job Name, Job Number, File Number, Creation Date/Time, and Pages Per Cop. The bottom portlet, 'iSeries Printers', shows a table of printer status with columns for Printer, Status, Description, Output Queue, and Actions.

Actions	File Name	Status	User Data	User	Job Name	Job Number	File Number	Creation Date/Time	Pages Per Cop
	QPJOBLOG	*READY	QZDASOINIT	SMSHAO	QPRTJOB	877306	1	3/31/04 9:34 AM	
	QPJOBLOG	*READY	QZDASOINIT	SMSHAO	QPRTJOB	877306	2	3/31/04 9:34 AM	
	QPJOBLOG	*READY	QZDASOINIT	SMSHAO	QPRTJOB	877306	3	3/31/04 9:34 AM	
	QPJOBLOG	*READY	QZDASOINIT	SMSHAO	QPRTJOB	877306	4	4/6/04 9:51 AM	
	QPRINT	*READY		SMSHAO	QIWAPDFSTR	886069	1	4/6/04 1:02 PM	

Printer	Status	Description	Output Queue	Actions
#JRHPEF	Unavailable	PDF Printer to test BIDI enablement	QUSRSYS/#JRHPEF	
BIDIPDF	Unavailable	???????	QUSRSYS/BIDIPDF	

Portlets: Database

- Database table portlet
 - List database table information
 - Optionally
 - Add record
 - Update record
 - Delete record
- Dynamic SQL portlet
 - Perform dynamic SQL request
- SQL query portlet
 - Perform pre-configured SQL request
 - Parameter marker support
 - Create form to prompt for user input

Portlets: Database

Actions	CUSNUM	LSTNAM	INIT	STREET	CITY	STATE	ZIPCOD	CDTLMT	CHGCOD	BALDUE	CTDUE
	938472	Henning	G K	4859 Elm Ave	Dallas TX		75217	5000	3	37.00	0.00
	839283	Jones	B D	218 NW 135 St	Clay NY		13041	400	1	100.00	0.00
	392859	Vine	S S	PO Box 79	Broton VT		5046	700	1	439.00	0.00
	938485	Johnson	J A	3 Alpine Way	Helen GA		30545	9999	2	3987.50	33.50
	397267	Tyron	W E	13 Myrtle Dr	Hector NY		14841	1000	1	0.00	0.00

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iSeries Dynamic SQL

SQL statement:

iSeries SQL Query

Database Query

Minimum balance:

Done

Portlets: Single Signon

My Commands

Edit Portlet Settings

Server
Server:

Authentication

Use credential specific to this portlet window
User:
Password:
Confirm password:

Use credential set with iSeries Credentials portlet
Slot name:

Use system shared credential set by administrator
Slot name:

Use WebSphere Portal identity

General
Window title:

Show server

Done

Portlets: Single Signon Settings

- **Use credential specific to this portlet window**
 - Credential settings only valid for the portlet window
- **Use credential set with iSeries Credentials portlet**
 - Credential settings created and maintained with iSeries Credentials portlet
 - Credential settings are valid for all portlet windows for a particular user
- **Use system shared credential set by administrator**
 - Credential settings created and maintained with the portal server credentials portlet
 - Credential settings are valid for all users and all portlet windows
- **Use authenticated WebSphere credential**
 - Use Identity Token support to map from WebSphere credential to OS/400 credential
 - Requires JCA connector, EIM and LDAP

Portal Demo



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