

## Get to the Web Fast With iSeries Access for Web

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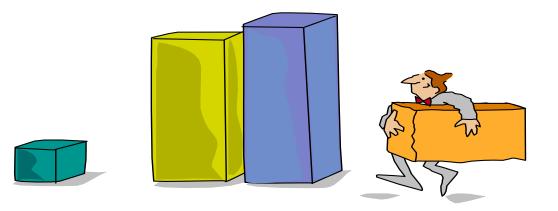
## 12/12/07 Evansville Presntations:

ftp://ftp.software.ibm.com/as400/products/clientaccess/win32/presentations/evansville

- 1. iSeries Access Family: What's New?: iSeries\_Access\_New.pdf
- 2. Get to the Web Fast with iSeries Access for Web: iAW\_Overview.pdf
- 3. iSeries Access for Web: Use 5250 in a Browser: iAW\_5250.pdf



## Packaging and Ordering





## **iSeries Access Family - Packaging**

V5R4 5722-XW1 iSeries Access Family	V5R3 5722-XW1 iSeries Access Family
iSeries Access for Windows, 5722-XE1, V5R4	iSeries Access for Windows, 5722-XE1, V5R3
iSeries Access for Web, 5722-XH2, V5R4	iSeries Access for Web, 5722-XH2, V5R3
	HATS Limited Edition V5.0, 5724-F97-01 (withdrawn 1Q2006)
iSeries Access for Linux, 5722-XL1	iSeries Access for Linux, 5722-XL1, V1.10
iSeries Access for Wireless, 5722-XP1, V5R4	iSeries Access for Wireless, 5722-XP1, V5R3
	V5R3 customers not wanting to upgrade to i5/OS V5R4 but want the new V5R4 iSeries Access Family clients can order no-charge Feature No. 2648 of Product No. 5722-XW1



## **Products - Focus**

Description	Product	Product Number	Need 5722-XW1 to use
Family Name	iSeries Access Family	5722-XW1	
			Yes
Windows client	iSeries Access for Windows	5722-XE1	(for 5250 and Data Transfer)
Linux client	➢iSeries Access for Linux	5722-XL1	Yes (for 5250)
Browser Access	➢iSeries Access for Web	5722-XH2	Yes
Handheld / Wireless offering	<ul><li>➢iSeries Access for Wireless</li><li>➢iSeries Toolbox for Java ME</li></ul>	5722-XP1	No
i5/OS systems management	<ul> <li>iSeries Navigator</li> <li>Operations Console</li> <li>EZ-Setup</li> </ul>	Packaged in 5722-XE1	No

- Flexible Purchase Options
- Processor-Based = purchase price based on software tier, connect unlimited numbers of users
- Subser-Based = purchase only number of users who will be concurrently connected
  - Note: Can upgrade from User-Based to Processor-Based, but cannot go back to User-Based after purchasing Processor-Based
- Software maintenance included in base i5/OS software subscription



# iSeries Access Family included with new System i Hardware

•iSeries Access Family (5722-XW1) unlimited user feature included with the following System i hardware

- System i Model 515 Express configurations
  - See Announcement Letter 107-181 dated 4/1/07 for more details
- System i Model 525 Express and CBU configurations
  - See Announcement Letter 107-182 dated 4/1/07 for more details
- System i Model 570 with POWER6 technology
  - See Announcement Letter 107-448 dated 7/31/07 for more details

•Any i5/OS user connecting to the above System i models is entitled to use any of the iSeries Access Family products at no additional charge. This includes:

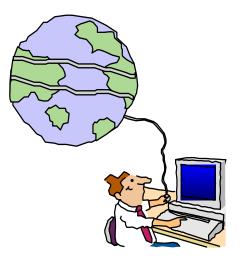
- iSeries Access for Windows
- iSeries Access for Web
- iSeries Access for Linux





## **Table of Contents**

- What is iSeries Access for Web?
- Getting Started
- Ways to roll out to end users
- Control Access to functions





# What is iSeries Access for Web?

End users can leverage business information, applications, and resources across an enterprise by extending the iSeries resources to the client desktop through a web browser

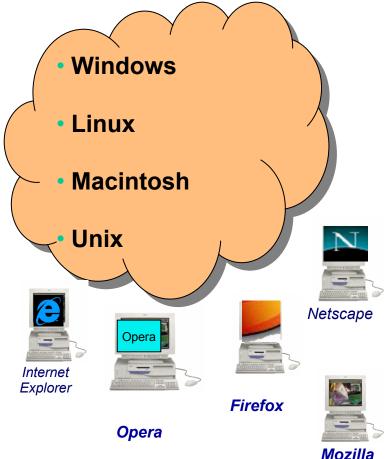
## Provides access to iSeries through a

browser

- 5250 access
- Access to database, integrated file system, printers, output queues, jobs
- Can run batch commands and send/receive messages

## It has the following advantages:

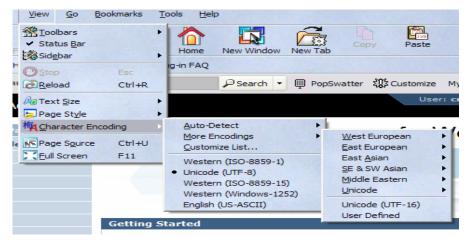
- Is server based
- Requires only a browser on the client, no configuration required at desktop, no applets installed on desktop
- Uses industry standard protocols -HTTP, HTTPS and HTML

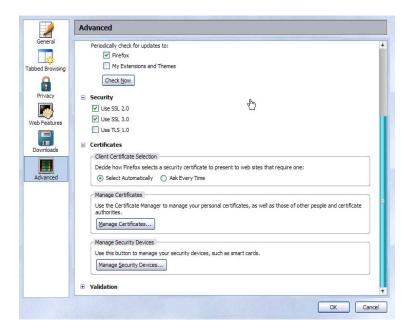




# **Fully Integrated with your Browser**

- Use any code page available in your browser
  - iSeries Access for Web, V5R4, translated into 38 NLVs (including DBCS
    - New Japanese Feature 2930 in V5R4
  - See screens in preferred language
- Use any keyboard setting available in Windows
- Font Size
- Set up your SSL through your browser







# Functions you can perform with iSeries Access for Web 5722-XH2, V5R4

#### Print

- Printer output
- PDF Printer output
- Printers
- PDF Printers
- Internet Printers
- Internet Printer Shares
- Printer shares
- Output Queues

#### 5250

- Active Sessions
- Start 5250 Session
- Configured Sessions
- \*\* Bypass Sign-on

#### Files

- Browse Files
- \*\* Browse File Shares
- File Shares

### Items marked with \*\* are new in the V5R4 version

#### Messages

- Display Messages
- Send Messages
- Sametime
- Operator Messages
- Message Queue

#### Database

- Tables
- My Request
- Run SQL
   \_ \*\* Open Office Formats
- Copy Data to Table
- Import Requests
  - iSeries Access for Windows
  - \*\* Query Manager
  - \*\* Query/400
- Extract Server Data

### Download

### **My Personal Folder**

#### Jobs

- User Jobs
- Server Jobs

#### Customize

- Preferences
- Policies
- Settings
- \*\* Transfer configuration

#### Commands

- Run commands
- My commands
- Search

### Other

 Bookmarks, Change Password, Connection Pool, Status, Trace, About



- •My Folder
- •Print
- Messages
- •Jobs
- •5250
- Database
- •Files
- Commands
- •Customize
- Downloads
- •Mail

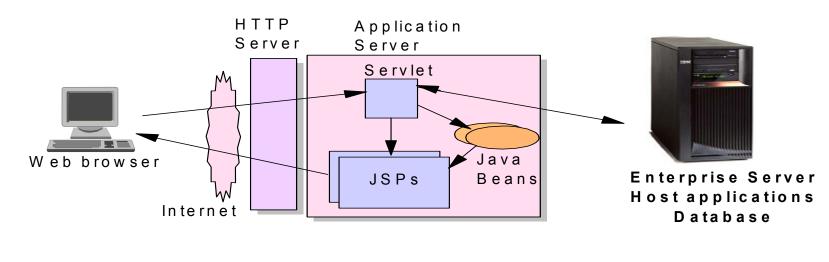
5250 is the only function in iSeries Access for Web that requires the interactive feature.

All other functions run as batch tasks.



## **Getting Started**

# Before you start with Access for Web you must get your web application server running



Tier 1

Tier 2

Tier 3

## **Supported Web Application Servers**

•The iSeries Access for Web servlet code can be used with any of the following web application servers:

- Integrated web application server starting October 2006
- WebSphere® Application Server V6.1 and V6.0 – Express for i5/OS
- WebSphere Application Server V6.1 and 6.0 Base and Network Deployment
- WebSphere Application Server V5.1
   Express for iSeries
- WebSphere Application Server V5.0

   Express
- WebSphere Application Server V5.1 and 5.0 Base and Network Deployment Editions
- ASF Tomcat

•The iSeries Access for Web portlet code can be used with any of the following portal servers.

- IBM Workplace Services Express V2.6 (V5R4 iSeries Access for Web)
- IBM Workplace Services Express V2.5
- WebSphere Portal for Multiplatforms V6.0
- WebSphere Portal for Multiplatforms V5.1.0.1
- WebSphere Portal Express for Multiplatforms V5.0.2
- WebSphere Portal Express Plus for Multiplatforms V5.0

PTFs required for latest web app server and portal support: <a href="http://www.ibm.com/eserver/iseries/access/web/servicepacks.html">http://www.ibm.com/eserver/iseries/access/web/servicepacks.html</a>





## 4Q2006 Announcement: "System i Web Enablement Made Easy"

•Two pieces related to iSeries Access for Web:

- iSeries Access for Web supports the use of a Web application server integrated with i5/OS.
  - Configure iSeries Access for Web without having to install or configure a Web Application server
- Web Enablement for i5/OS: Express Runtime Environment
  - Auto configure of Web servers, components, applications using WAS Express V6.0
  - iSeries Access for Web is part of the environment

### http://www.ibm.com/eserver/iseries/access/web/servicepacks.html



## **Integrated Web application server** What is it, does iSeries Access for Web support it?

- What is the i5/OS integrated Web application server
  - A web application engine much like ASF Tomcat
  - Uses minimal system resources, similar to ASF Tomcat
  - Minimal effort by an Administrator to maintain
  - V5R4 is the last release i5/OS will contain ASF Tomcat
- How is it packaged
  - 5722-DG1 IBM HTTP Server for i5/OS
  - Available in the DG1 group PTF
    - V5R4 SF99114 level 6 or later
    - V5R3 SF99099 level 15 or later
- · iSeries Access for Web support
  - Only V5R4 iSeries Access for Web supports the i5/OS integrated Web application server
  - V5R4 iSeries Access for Web can be installed and is supported on...
    - V5R3 i5/OS
    - V5R4 i5/OS



# Integrated Web application server

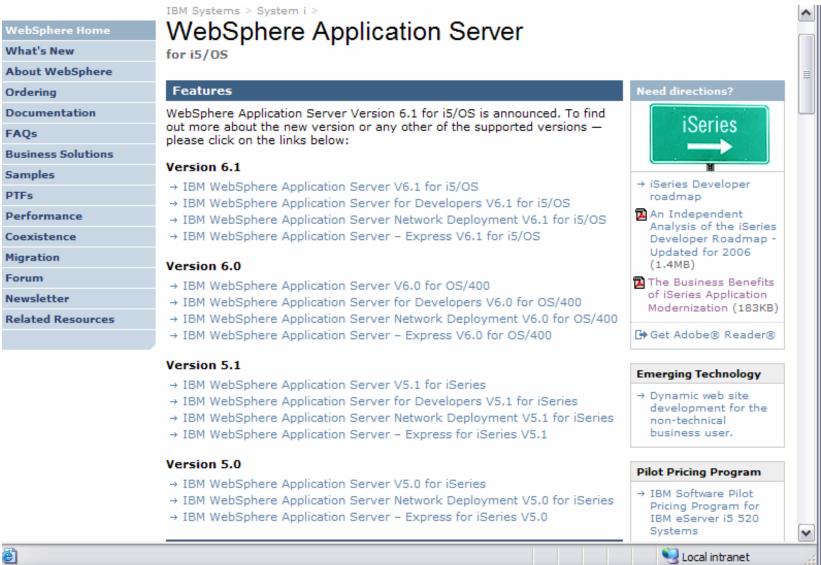
iSeries Access for Web within this environment

To use iSeries Access for Web within the i5/OS integrated Web application server

- 1. Stop the Web Administration for i5/OS
  - ENDTCPSVR SERVER(\*HTTP) HTTPSVR(ADMIN)
- 2. Load/apply latest 5722-DG1 group PTF (review cover letters for any additional information)
  - V5R4 SF99114
  - V5R3 SF99099
- 3. Load/apply latest V5R4 iSeries Access for Web PTF
  - SI25551 or later
- 4. Configure iSeries Access for Web
  - QSH
  - cd /QIBM/ProdData/Access/Web2/install
  - cfgaccweb2 –appsvrtype \*INTAPPSVR
- 5. Start the Web Administration for i5/OS
  - STRTCPSVR SERVER(\*HTTP) HTTPSVR(\*ADMIN)
- 6. Start preconfigured HTTP web server
  - STRTCPSVR SERVER(\*HTTP) HTTPSVR(IWADFT)
- 7. Open a browser to iSeries Access for Web using preconfigured HTTP:port
  - <u>http://<system\_name>:2020/webaccess/iWAMain</u>
- 8. Done!

## IBN

## http://www.ibm.com/eserver/iseries/software/websphere/wsappserver





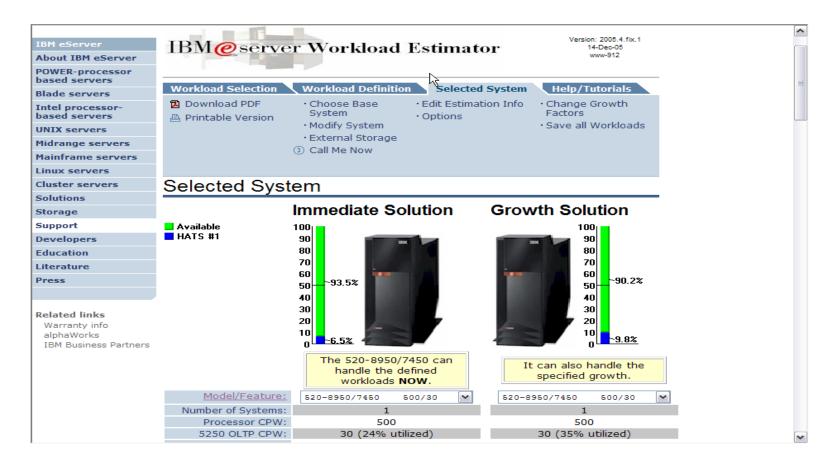
# Is your System i ready?

Under 512Mb Under 300 CPW	Bxx, Cxx, Dxx, Exx, Fxx S10, S01, Pxx S20 / #2161, #2163 100, 150 170 / #2159,#2160,#2164,#2289,#2290,#2291,#2292 #2407, #2408,#2409 200, 20S, 250 270 / #2422,#2423, #2424,#2248,#2452,#2454	3xx, 4xx 500, 510, 50S 53S / #2154 530 / # 2150, # 21 600 620 / #2175,#2179 720 / #2061 820 / #2425,#2420	9,#2180,#2181
512Mb–1GB 300-500 CPW	S30 / #2257 S20 / #2170,#2165 170 / #2176,#2183,#2383,#2384,#2385,#2386 270 / #2250,#2431 53S / #2155 530 / #2150,#2151 600 / All 620 / #2175,#2179,#2180,#2181 720 / #2161 820 / #2425,#2426,#2456,#2457		WAS Express with few concurrent users
Over 1GB And 500 CPW	SB1,SB2,SB3,S20(1),S30(1),S40,170 / #2388 270 / #2252,#2253,#2432,#2434 53S / #2156,#2157 530 / #2153,#2162 730,740,800 / #2464 810,825,870,890,i5 520,i5 550,i5 570,i5 595 / All		Complex web applications with many concurrent users



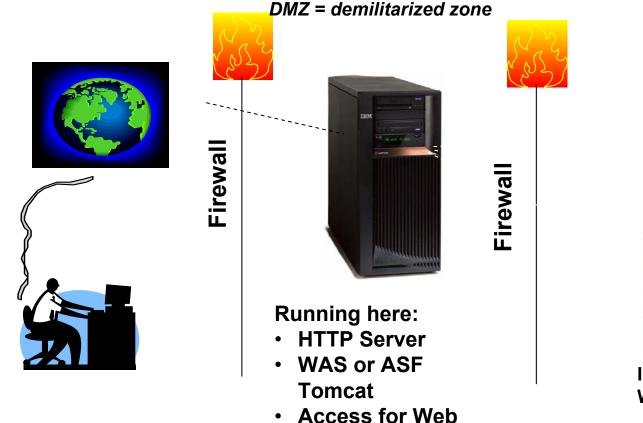
## **Performance Considerations...**

# Use the IBM Systems Workload Estimator at http://www-912.ibm.com/wle/EstimatorServlet





## Setting up your web application server



Systems users actually accessing

Install Access for Web (RSTLICPGM)

Only need to set up one web application server

# **Port Requirements Comparison**

iSeries Access for Windows (5722-XE1)\*

- Port 449 for Port Mapper
- Port 8476 (9476) for Sign-on
- Port 8470 (9470) for Central
- Port 8472 (9472) for Data Queues
- Port 8471 (9471) for Database
- Port 8475 (9475) for Remote Commands
- Port 8473 (9493) for Print
- Port 2001 (2010) for Web Admin
- Port 446 (448) for DDM
- Port 23 (992) for Telnet
- Port 137, 138 for NetServer
- Port 389 (636) for LDAP
- Port 5555 (5566) for Mgmt Central
- Port 53 if using DNS Server

iSeries Access for Web (5722-XH2)

- Port 80 (or any other port) for HTTP Server
- Port 443 (or any other port) for HTTPS Server

\*See Information APAR II12227 for detailed information



## **Get iSeries Access for Web running**

- Get a copy of the iSeries Access for Web Install & Users Guide
  - http://www.ibm.com/systems/i/software/access/web/doc.html
- Install iSeries Access for Web from your i5/OS stacked media.
  - RSTLICPGM Install Access for Web, 5722-XH2, into QIBM directory
- Configure and start iSeries Access for Web.
  - CFGACCWEB2 Configure the iSeries Access for Web application server
  - STRACCWEB2 Start the iSeries Access for Web application server.
- Set some policies to enable or limit access to various functions of Access for Web



## iSeries Access for Web Documentation on the Web...



/5R4 iSeries Access for Web is supported on V5R4 and V5R3 i5/	0S.	1
Connecting to iSeries: iSeries Access for Web (Information Center)	HTML PDF	-
URL Interfaces to V5R4 iSeries Access for Web	PDF	
→ <u>Back to top</u>		
V5R3		
/5R3 iSeries Access for Web is supported on V5R3 i5/OS and V5	5R2 OS/400.	
Connecting to iSeries: iSeries Access for Web (Information Center)	HTML PDF	-
WAS V6.1 for i5/OS (Base, Express, ND) - Setup/Configuration example	PDF	
WAS V6.0 for iSeries (Base, Express) - Setup/Configuration Example	PDF	
WAS - Express for iSeries V5.1 - Setup/Configuration Example	PDF	-
WAS - Express for iSeries V5.0 - Setup/Configuration Example	PDF	-
WAS V5.1 for iSeries (Base, Network Deployment) - Setup/Configuration Example	PDF	
WAS V5.0 for iSeries (Base, Network Deployment) - Setup/Configuration Example	PDF	
Apache Software Foundation (ASF) Tomcat - Setup/Configuration Example	PDF	
Workplace Services Express V2.5 - Setup/Configuration Example	PDF	
WebSphere Portal Enable for Multiplatforms V5.1 - Setup/Configuration Example	PDF	
WebSphere Portal - Express for iSeries V5.0 - Setup/Configuration Example	PDF	
WebSphere Portal - Express for iSeries V5.0 Configuring the use of authenticated WebSphere credential for Single Sign-On (SSO) and iSeries Access for Web portlets	HTML PDF	
URL Interfaces to V5R3 iSeries Access for Web	PDF	
		ľ

http://www.ibm.com/systems/i/software/access/web/doc.html



## **i5/OS Software Requirements**

Product Number	Product Name	Option	\$
5722-SS1	V5R3 iSeries Access for Web: V5R2 OS/400 or V5R3 i5/OS	Base	w/HW
	V5R4 iSeries Access for Web: V5R3 and later i5/OS		
5722-SS1	OS/400 - Extended Base Directory Support	3	N/C
5722-SS1	OS/400 - AFP Compatibility Fonts	8	N/C
5722-SS1	OS/400 - Host Servers	12	N/C
5722-SS1	Operating System/400 QShell Interpreter	30	N/C
5722-SS1	If you plan to use Secure Sockets Layer (SSL): OS/400 Digital	34	N/C
5722-AC3	Certificate Manager		N/C
	Cryptographic Access Provider (128-bit)		
5722-DG1	IBM HTTP Server for iSeries	Base	N/C
5722-JV1	Developer Kit for Java	Base	N/C
	Developer Kit for Java Version 1.2	3	N/C
	Developer Kit for Java Version 1.3	5	N/C
	Developer Kit for Java Version 1.4	6	N/C
	(Check WebSphere doc for required version)		
5722-JC1	Toolbox for Java	Base	N/C
5722-TC1	TCP/IP Connectivity Utilities for iSeries	Base	N/C



## i5/OS Software Requirements (continued)

Product Number	Product Name	Option	\$
5722-XW1	iSeries Access Family	Base	\$
5722-XH2	<ul> <li>iSeries Access for Web</li> <li>Ships with 5722-XW1 iSeries Access Family</li> <li>V5R3 iSeries Access for Web runs on OS/400 V5R2 and i5/OS V5R3</li> <li>V5R4 iSeries Access for Web runs on i5/OS V5R3 and V5R4</li> </ul>	Base	part of XW1
5722-IP1	IBM Info Print Server ( <u>Optional</u> enables best PDF output: - <u>is not</u> required to view PDF output - is required for V5R3 and V5R4 "PDF Printer" support)	Base	\$



### Software Requirements (continued)

Product Number	Product Name	Option	\$
5733-W61 5733-W60 5722-E51 5733-W51 5722-IWE 5733-WS5 5722-DG1 5722-DG1 * *	One, or more, of the following web servers         • WebSphere Application Server V6.1 for i5/OS (all three editions)         • WebSphere Application Server V6.0 for OS/400 (all three editions)         • WebSphere Application Server V5.1 - Express for iSeries         • WebSphere Application Server V5.1 - Express for iSeries         • WebSphere Application Server V5.1 for iSeries (Base and ND)         • WebSphere Application Server V5.0 - Express for iSeries         • WebSphere Application Server V5.0 for iSeries (Base and ND)         • MebSphere Application Server V5.0 for iSeries (Base and ND)         • Apache Software Foundation Tomcat         • Integrated web application server         • WebSphere Portal for iSeries (Express and Express Plus) V5.0.2.2         • WebSphere Portal For iSeries (Express and Express Plus) V5.0.2.2         • WebSphere Portal Kenable for Multiplatforms V5.1.0.1         • WebSphere Portal V6.0         • IBM Workplace Services Express V2.5, V2.6	See documentation	

Refer to the documentation for the individual web serving environments additional requirements that may not be listed above.

- WebSphere http://www.ibm.com/servers/eserver/iseries/software/websphere/wsappserver/
- ASF Tomcat http://www.ibm.com/servers/eserver/iseries/software/http/
- Portal V5.0.2.2 http://publib.boulder.ibm.com/pvc/wp/502/smbi/en/InfoCenter/index.html
- Portal V5.1.0.1 http://publib.boulder.ibm.com/infocenter/wp51help/index.jsp
- Portal V6.0 http://publib.boulder.ibm.com/infocenter/wpdoc/v6r0/index.jsp
- Workplace V2.5 http://publib.boulder.ibm.com/infocenter/wseic/v2r5/index.jsp
- Workplace V2.6 http://publib.boulder.ibm.com/infocenter/wseic/v2r6/index.jsp



# 4 CL Commands in iSeries Access for Web

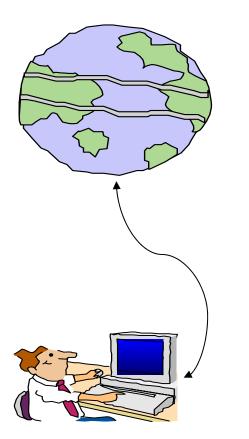
- Configure Command example when using WebSphere Application Server V5.1 - Express for iSeries
  - CFGACCWEB2 -appsvrtype \*WAS51EXP -wasinst iwa51exp -appsvr iwa51exp
- Start Command example when using WebSphere Application Server V5.1 - Express for iSeries
  - STRACCWEB2 APPSVRTYPE(\*WAS51EXP) WASINST(MYINST) APPSVR(\*DEFAULT)
- End Command example when using WebSphere Application Server V5.1 for iSeries
  - ENDACCWEB2 APPSVRTYPE(\*WAS51) WASINST(DEPTXYZ) APPSVR(\*DEFAULT)
  - Sometimes you may need to end Access for Web so you can make changes, then start it again.

## Remove Command

 The Remove iSeries Access for Web (RMVACCWEB2) command is used to remove the iSeries Access for Web configuration from a web application server



## **Users can now Connect!**



- Open browser
- Key in System i url
- Prompted for i5/OS user id and password

Google	<u>Personalized Home   Sign in</u>
Prompt       Image: Constraint of the system o	

# Different Ways to Roll Out iSeries Access for Web

- Use 'out of the box'
  - Set some policies to limit what functions are accessible to your users, and give them the URL address to iSeries Access for Web
- Use 'out of the box', but set up predefined functions
  - You can set up preconfigured 5250 sessions that users (or groups of users) can run, can create predefined database requests for users to run, set up commands users can run, etc.
- Create your own 'window' to your system through Access for Web
  - Add company banners to screens, set up 'click and link' tasks that users can perform, set up macros to simplify user access.
- Use Access for Web with the IBM WebSphere Portal solution
  - A single unified workspace in which your employees, trading partners, and customers can easily find and use the applications and information that they need



## **Different Ways to Roll Out iSeries Access for Web**

- Use 'out of the box'
- Use 'out of the box', but set up predefined functions





- Create your own 'window' to your system through iSeries Access for Web
- Use the WebSphere Portal solution



## Home Page entry point

## Home Page = http://<myiseries>:<port>/webaccess/iWAHome

 iSeries Access for Web 'Home Page' out-of-the-box view

 This page is totally customizable

iSeries Access fo	or Web	USEL CMINER S	DYSLEHII. LY IZUAD.KURLAND.ID	m.com
My Home Page 🕂 My Folder	Welcome to is	Series Access fo	r Web	
Print Messages				Rochester information
Jobs 5250				G→ City information G→ Movies G→ Mayo Clinic
Database Files	Getting Started			Rochester weather
Command	My Information	My View	Related Products	
Download Customize Other	<ul> <li><u>My Folder</u></li> <li><u>Printer output</u></li> <li><u>Display messages</u></li> <li><u>Start a 5250 session</u></li> <li><u>Database requests</u></li> </ul>	• See <u>Customizing iSeries</u> <u>Access for Web</u> to find out how to customize the behavior and look of iSeries Access for Web.	<ul> <li>WebSphere Application Server for iSeries</li> <li>WebSphere Development Studio Client for iSeries</li> <li>WebSphere Development</li> </ul>	Bochester news     Bost-Bulletin online
Related Links: • iSeries Access for Web	• <u>Browse files</u> • <u>Preferences</u>	Also, find out how to create your own home page!	<u>Studio for iSeries</u>	HATTC     Telephone directory     G→ Find a person
• iSeries Access • iSeries Navigator • iSeries Information Center	What is iSeries Access for A new generation of softwa and resources through a we	are that enables you to access y	your iSeries server information	G+ Find a business
· iSeries Resource Library		<b>s Server Information</b> s taken over, and businesses are a-business. Since most deskton	, , ,	

New 'look' in V5R4...



# Your Window to your System

http://<myiseries>/webaccess/iWAHome

Customized 'window' to i5/OS

# Window is associated with i5/OS user profiles

- An administrator can create multiple different 'windows' based on user profile / group profile for different types of users.
- Can tightly control what functions a user can perform on your iSeries
- Tie in with other web applications (such as WebFacing and HATS) from here as well
- Link to other systems, not just System i



- One view and set of functions for the Accounting department
- Another view and set of functions for the Warehouse staff

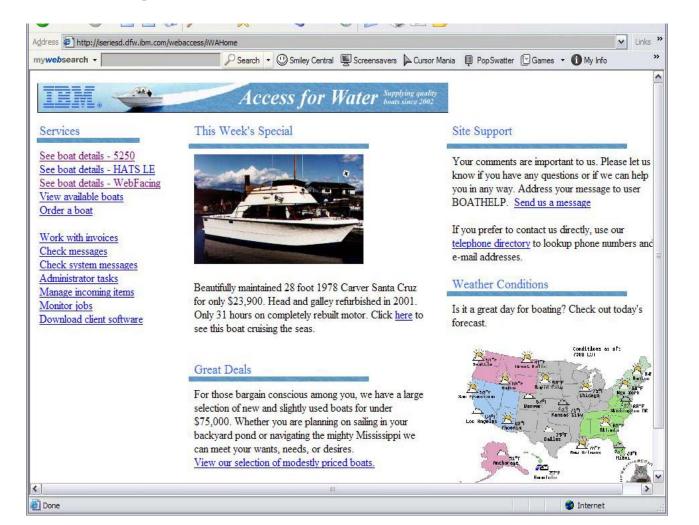


## **Customized Home Page**

Customized view of the Home Page

 Could be used as 'entry' point to iSeries

 Let's drill down and look at some of this...



http://iseriesd.dfw.ibm.com/webaccess/iWAHome



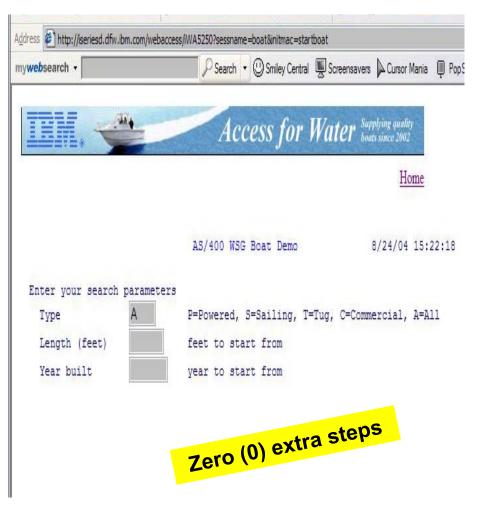
# **Using 5250 emulator in iSeries Access for Web**

The company banner, 'Access for Water' is carried forward on all screens

 Went into 'Customize → General' and pointed at file with the company .gif.

## 5250 emulator in Access for Web

- Application looks better and did no work
- Can use 5250 Bypass Signon (new in V5R4) to bypass i5/OS sign-on screen
- Can use Access for Web Macro support to start the RPG application (BOATS)





## Task Oriented – not function oriented...

8

uis Bookmarks

Selected 'work with invoices'

- This takes user to 'Printer Output' – user's Spoolfile printer output
- SCS or AFP printer output is converted to PDF 'on the fly' by Access for Web to PDF
- Since it is now in .PDF format, user can print it to any network printer



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		Hometo Thursda	wn, CA 1 y, June 1 3	2345 13, 200	2					
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	Invoice No.	Hometo Thursda 987654	wn, CA 1 y, June 1 3	2345 13, 200		art No.	Quantity	Price	Amoun	t
	Invoice No. Payment Due	Hometo Thursda 987654	wn, CA 1 y, June 1 3	2345 13, 200	P	art No. 04356	Quantity 1	Price \$57,900.00	Amoun \$57,900.00	
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	Invoice No. Payment Due Description Hunter 33.5 Boat trailer	Hometo Thursda 987654	wn, CA 1 y, June 3 3	2345 13, 200	P: 0	04356 99234	1	\$57,900.00 \$1,800.00 FREE	\$57,900.00 \$1,800.00 \$0.00	



# **E-mail PDF output**

E-mail is integrated with iSeries Access for Web

- Your mail server can be anywhere in your network
- Users receiving your e-mail need only an e-mail address

User selects an option in the Printer Output screen to 'e-mail PDF output'

- The PDF document is then included in the e-mail
- Sender's e-mail address filled in; user only needs to address it.

My Home Page	Convert Printer Output to PDF
Print	From: cminer@us.ibm.com
Printer output	
PDF printer output     Printers	To: louie@abc.net cc:
• PDF printers	bcc:
• Internet printers	Subject: Your Invoice
Internet printer shares     Printer shares     Output queues	Here is the invoice for the boat you have ordered.
Messages	
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Other	

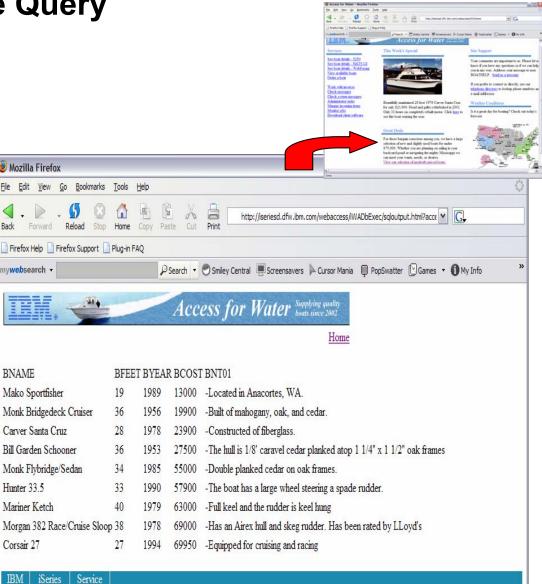




# Run an i5/OS Database Query

#### Clicked on 'View our selection of moderately priced boats'

- Administrator had previously built an SQL Query using the iSeries Access for Web 'Database' function
- Could also have been set up to show in an .XLS or .PDF format
  - a variety of other output types as well





## Try out iSeries Access for Web on a demo server!

Start your browser and connect to the following web site: http://iseriesd.dfw.ibm.com/webaccess/iWAHome (case sensitive)

User ID = WACUST Password = demo2pwd	This shows the basic look of iSeries Access for Web as we ship it. You can try various functions including working with printer output, creating database requests, etc. Click on the 5250 tab, sign onto the iSeries, then start an RPG application called BOATS and run it.
User ID = BOATADMIN Password = demo2pwd	This is an example of how a customer might design a web page for their use. You will see that an end user could start the same BOATS application by clicking on the 5250 session, or they could have used HATS to run the application. You will also see other links that would let a user work with spooled file information, work with IFS, run database requests, etc

Send email to: LLHIRSCH@us.ibm.com to reset the user profiles if either gets disabled.



## More Documentation...

Article describing how 'Access for Water' web page was built

# Go to the iSeries Access Family web page at:

www.ibm.com/systems/i/software/access/web

- Click on the "Articles" link on the lefthand side of screen.
- Find article written Jan/Feb 2003 entitled 'Build a Quick and Easy Web Site with iSeries Access for Web' (PDF version)
- Updated Oct 2006 in <u>System i News</u>
   'Tailor iSeries Access for Web'



#### Weber on CA/400

 Who will be no fit? IS store managese and deals to padministrators who want to Web-enable their IS effect applications.

• What you'll learn: Webec's step-by-step acticle details how shope can use the tee Access for the Web to possible box was based access to the tee applications and data. Because there access for Web is regimented as next offans seculate that can on the the teeses was only a box was to equited on the disnt.

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# With iSeries Access for Web

You an build a quick and every Web eite for your company with the automization support of identies Access for Web. No Two programming is exquired. You singly cants HAD. Else and set configuration options. In this satisfy, Identications this appelling by anothing. Web eiteboeth hous. This information is becaused on the functionality available with the VSD2 release of identies Accesse for Web. Prest intecloued by IBM. In September 2000, it populses for Web integrations to identic rescurses, such as DE2 UDE, peinter output, and OR 400 CL commande.



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#### Home page and template files

identies Access for Web ships a default home page. This page is displayed when you access the home page to the high / appendix home page is stored in the identies integrated file system in the following location: //QEBAY Prod Data/ Access //WEAY that //Arm spage.html

iSecies Accession Web Also ships a default template file. The template file combines the HDML-scures displayed at the top and bottom of each iSecies Accession for Web content page. The location of the default template file is /QDEM/Pool Data/Access/Web2/html/web accession. The 3% values in the template file are explanement togs. We will discuss these lates in the stards.

First of all, we need to canke a customized home page and a customized template file. We do not wrat to modify as update the fileunder (CIBA/Field Date shows this disctory test is intended only far poduct files. Instead, we canke a new disctory ramed (boots/homepage and place our files in it. Our customized homepage containe linketo view and order boots. Our customized template file containes the company's lago. We discuss de ball of the file contents. colosion the DC Support, Client Access and ISed & Access products. Here (caucheds an on programming interfaces. Jan & le accessity a member of the ISed of Accession (or Web developmentition).

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#### **Different Ways to Rollout Access for Web**

Use 'out of the box'



- Use 'out of the box', but set up predefined functions
- Create your own 'window' to your system through Access for Web
- Use the WebSphere Portal solution





## iSeries Access for Web has many entry points

'URL Interfaces to iSeries Access for Web' manual available on the web

- Can enter at many different pages
- Can use navigation bar to move from function to function

#### http://<myiseries>/webaccess/iWA5250

iSeries Access for	r Web	User	: cminer System: iS	eriesD.DFW.IBM.CO
My Home Page My Folder Print Messages Jobs 5250 · Active sessions · Configured sessions · Start session Database Files Command Download Customize Other	User Password	Subs Displ	em: ystem: ay:	ISERIESD QINTER QPADEV0018
Related Links: • iSeries Access for Web	IBM s internal systems IBM s business or for pu	rposes authorized by IB		
· iSeries Access				6,53
• iSeries Access • iSeries Navigator	37		1919	
	37 Attention	Refresh Screen	Field Exit	Page Up

#### http://<myiseries>/webaccess/iWAMain

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	My Home Page		iSeries Access for Web	
	📑 My Folder			
	Print		Welcome to iSeries Access for Web, the lightweight, browser-based access to your iSeries	
	Messages		server.	
	Jobs		Burne Jacob and Alberta di anno a	
	5250		Pure Java servlet based access	≡
	Database		iSeries Access for Web is a set of servlets that run on iSeries servers as extensions to the HTTP	
	Files		server. The servlets provide access to databases, files, print queues, printer output, and	
	Command		messages contained on the iSeries server.	
	Download		Industry standard protocol	
$\searrow$	Customize		Industry standard protocol	
	Other		iSeries Access for Web uses the industry standard HTTP and HTTPS protocols instead of proprietary TCP/IP ports and protocols. Firewall issues are much more manageable as a result.	

#### http://<myiseries>/webaccess/iWASpool

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# Reduce functions you give to users

ty Home Page sz50 siles telated Links: iSeries Access for Web	1	o iSeries Acce	ess for Web	Rochester information B* City information B* Movies E* Mayo Clinic Rochester weather	l			duce tabs that	
Web iSeries Access iSeries Navigator iSeries Information Center iSeries Resource Library	Getting Started My Information • My Folder • Printer output • Display messages • Start a 5250 session • Database requests • Browse files • Preferences	My View • See <u>Customizing</u> <u>iSeries Access for</u> Web to find out how to customize the behavior and look of iSeries Access for Web. Also, find out how to create your own home page!	Related Products · WebSphere Application Server for Iseries · WebSphere Development Studio Client for Iseries · WebSphere Development Studio for Iseries	SkyCam      SkyCam      Rochester news     KTC      Host-Bulletin online     KTTC      Telephane directory     E+ Find apperson			•	displayed	
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				• iSeries Info Center • iSeries Res Library					



# **Printer Output - Spoolfile**

- 1. Print Tab
  - User only has one option available, i.e. 'Printer output'
- 2. Default look of 'Printer Output'
- 3. Customized look of 'Printer Output' for signed on user
  - **Removed many of the** columns of printer output
  - Reordered list
  - **Removed several end** user actions

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3



# **Run Pre-configured 5250 Sessions**

You want to limit users to only starting 5250 sessions that you have preconfigured

- You have removed user's ability to configure a session
- User selects 'Configured Sessions'
  - Only one listed, only action user can perform is to 'start' it
- User clicks on Start

My Home Page
Print
5250
<ul> <li>Active sessions</li> </ul>
<ul> <li>Configured sessions</li> </ul>
<ul> <li>Start session</li> </ul>
Files

My Home Page	5250	Ν
Print	0200	4
5250	Access 5250 user interface on your iSeries server with	iSeries Access for Web
Active sessions	,	
• Configured sessions	Active sessions	
Files	• List active 5250 user interface sessions.	
	Configured sessions	
Related Links: • iSeries Access for	List configured 5250 user interface sessions.	

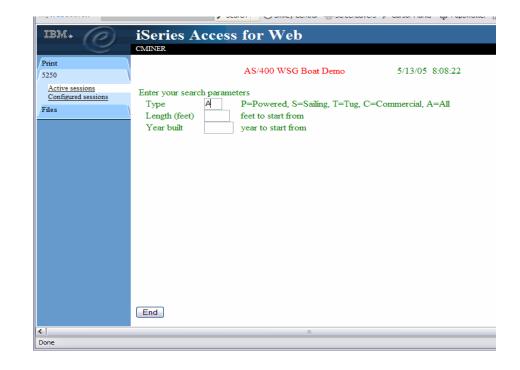
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· Configured sessions Files	Shortcut to Inventory System	LP126AB.RCHLAND.IBM.COM	) û û <u>1</u>	Yes	CMINER	cminer1



# **User can run 5250 application**

# User is placed in this application

- The session could be configured to include a macro to put the user directly into a specific application on the System i
  - Or on a menu screen
- Use CHGUSRPRF, LMTCPB=Yes to remove command line from user's screen



# Change look of 5250 session

- 1. Default 'web' look
- 2. Changed colors, added keypad at side, changed buttons at bottom to words
- 3. Removed navigation bar, put keypad on top
- 4. Selected 'traditional' view, removed navigation bar

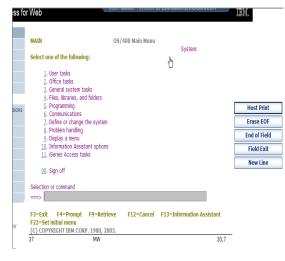


1

iSeries Access fo	or Web	
My Home Page		
My Home Page	MAIN OS/400 Main Menu	
Print		N
	Select one of the following:	13
Messages	1. User tasks	
Jobs	2. Office tasks	
5250	3. General system tasks	
Active sessions	4. Files, libraries, and folders	
Configured sessions	5. Programming 6. Communications	
Start session	<ol> <li>Communications</li> <li>Z. Define or change the system</li> </ol>	
Database	8. Problem handling	
Files	<ol> <li>Display a menu</li> <li>Information Assistant options</li> </ol>	
Command	11. iSeries Access tasks	
Download	90. Sign off	
Customize	<u>90</u> . Sign off	
Other	Selection or command	
	===>	
Related Links: • iSeries Access for Web • iSeries Access • iSeries Access	Exit         Prompt         Retrieve         Cancel           Set initial menu         (C) COPYRIGHT IBM CORP. 1980, 2003.         37	In









### Work with Files in the IFS

- Navigate and browse the directories located on your iSeries server integrated file system
  - Don't need to map drives
  - Don't need to know directory structures

iSeries Access f	Dr Web User: cminer1 System: RCHLAND.IBM.COM
My Home Page Print	Files
5250	Access files on your iSeries server with iSeries Access for Web.
Files	
Browse files  Related Links:     iSeries Access for     Web     iSeries Access	<ul> <li>Browse files</li> <li>Navigate and browse the directories located on your iSeries server integrated file system.</li> <li>View, upload, and download files.</li> <li>Copy and mail files.</li> <li>Rename and delete files and directories.</li> <li>Zip and unzip files and directories.</li> <li>Edit authorities and change ownership of objects in the integrated file system.</li> </ul>
<ul> <li>iSeries Navigator</li> <li>iSeries Information Center</li> </ul>	

- View, upload, and download files
- Copy and mail files
- Rename and delete files and directories
- Zip and unzip files and directories
- Edit authorities and change ownership of objects in the integrated file system



~

#### **Browse Files - 'Filtered View'**

When I click on 'Browse Files', I see only a directory called 'cminer1' and its content

 Because the administrator set a 'Default Directory' policy for me

#### Actions I can perform:

- Subdirectories: Create new ones, Rename, Work with
- Files: Copy, Rename, Delete, Mail, Work with (ie, Zip, Unzip, etc)

My Home Page	Directory Contents /CMINER	1	Ν		
Print			R		
5250	Copy Files to Server				
Files	Copy files to the current directory.				
• Browse files	Create Directory				
	Create a subdirectory in the current directory.				
• iSeries Access for	Found 0 directories. Found 4 files with a total size of 1	3,928,795 by	tes.		
Web					
<ul> <li>iSeries Access</li> <li>iSeries Navigator</li> </ul>	<u>Name</u> ▲	<u>Size</u> (bytes)	<u>Type</u>	Modified	Action 🚱
ISeries Navigator     iSeries Information     Center     iSeries Resource     Library	AMP23 Use iSeries Access for iSeries Database Access.ppt	12799488	File	12/19/05 11:32:18 AM	ù L L Î &
	ASJ 2005 NovDec A new beta is out for iSeries Access for Web.doc	873472	File	12/19/05 11:29:19 AM	46 <u></u> 10 <u>6</u>
Library		158208	File	12/19/05 11:30:36 AM	ù L L Î &
Library	ISN 2005 Dec Cool Tips about iSeries Access.doc			CM11	



# **Different Ways to Rollout iSeries Access for Web**

- Use 'out of the box'
- Use 'out of the box', but set up predefined functions
- Create your own 'window' to your system through Access for Web







### Portal built on i5/OS

WebSphere Portal		Му	Portal Administration 🖌 E	dit my profile ? Lo Page Assign Permi
Welcome My Work My Finances I My Page	My Newsroom   My iSerie:			My Favorites
IBM.	My Vertical News	ł / ? - 🗆	My Stocks	+ 1 ?
Welcome to WebSphere Portal version 5.0 To rearrange portlets on this page, click the Show tools icon. This action produces tools that allow you to arrange and remove portlets. Click Edit page to add new portlets or change page layout.	- 1 arr A h is l me Sp. foll sus	• •	Monday, December 19, IBM 83.4 SCOMPO 2,235.3 SDJI 10,900.3 SSPX 1,263.9 Data delayed at least 2 Get Quote MarketWath © MarketW Intraday data provide Interactive Data	48 0.11 0.1 15 -17.33 -0.7 56 24.97 0.2 98 -3.34 -0.2 0 minutes. <u>Symbol Looku</u> Vatch, Inc. 2005 ed by ComStock, a
To create a page, click New page. Bookmarks	<ul> <li>arrested in Spain</li> <li>U.S. releases some S detainees</li> </ul>	Saddam-era	My Weather Monday, December 19,	<i>₹ ℓ ?</i> 2005 5:18:00 PM (
<ul> <li>WebSphere Portal home</li> <li>WebSphere Portal Zone</li> <li>WebSphere Portal catalog</li> </ul>	<ul> <li>Israel's Sharon suffer</li> <li>Baghdad hospital car</li> </ul>	<u>bomb kills two</u>	Raleigh, North Partly Sunny	Carolina 48° 24°/
WebSphere Portal product           documentation	US News (includes ph	ver Bush's wiretaps	Snow	<u>nany</u> <b>30°</b> 24°/
<ul> <li>WebSphere Portal support</li> <li>WebSphere Portal offerings</li> </ul>	<ul> <li>Secretary of State d</li> <li>Time honors three w</li> </ul>	ho live to give	Beijing (Peking Partly Cloudy	1) <u>, China</u> 23° 17°/
About WebSphere Portal –	<u>NYC transit strike be</u> Market & Economy Ne      Late shoppers get by	ews	Clear	<b>36°</b> 31°/
<				<b>)</b>



### iSeries Access for Web Portlets on System i Portal

		_
WebSphere Portal	My Portal Administration & Edit my profile ? Log out	^
	New Page Edit Page Assign Permissions	
Welcome My Work My Finances My f	Vewsroom My iSeries 🖌 My Favorites 😽	
• 5250         IFrame Portlets         Files         Print	Database Command	
iSeries 5250 Session 4 2 ? - 🗆	Welcome – 🗖	
Start Session	Welcome to the iSeries Access portlets - specifically developed for iSeries Access	
Server: ×1519p4.rchland.ibm.com	customers. These portlets allow you to access information on your iSeries servers through a Web browser.	
Port: 23	iSeries Access portlets include the following:	
Code page: 37 💙	• 5250 portlet	
Display HTML data in fields	<ul> <li>Run commands and access full-screen 5250 character-based applications.</li> <li>IFrame portlet         <ul> <li>Access any of the iSeries Access for Web servlets using the IFrame</li> </ul> </li> </ul>	
Workstation ID	portlet.	
⊙ Use user ID	<ul> <li>Integrated file system (IFS) browsing portlets</li> <li>O Browse the iSeries integrated file system.</li> </ul>	
○ Specify workstation ID	<ul> <li>View, edit, upload and download files.</li> </ul>	
Avoid duplicates for this user	Printers, printer output, and output queues portlets	
Avoid duplicates with other users	<ul> <li>View printer status, start and stop the writer job associated with a printer.</li> </ul>	
	<ul> <li>Hold, release, print, delete and view printer output files.</li> </ul>	
Start Session	<ul> <li>Move printer output files to another output queue or printer.</li> <li>Hold and release output queues.</li> </ul>	
	Database tables and SQL portlets	
	<ul> <li>View database tables, add and update records.</li> </ul>	
	<ul> <li>View query results, customize format of results.</li> <li>Run SQL statements dynamically.</li> </ul>	
	Commands portlets	
	O Run CL commands.	
	The iSeries Access portlets are included with iSeries Access for Web. The iSeries Access for Web product is part of the iSeries Access Family (5722-XW1). For more information regarding iSeries Access, iSeries Access for Web, and the iSeries Access	~



# Portlet Support added to iSeries Access for Web

V5R4	V5R3 PTF SI11914 (May 2004)	V5R3 (Jan 2004)
<ul> <li>Single Sign-on (SSO) <ul> <li>Via WAS Security model</li> <li>5250 Bypass signon option</li> </ul> </li> <li>Database <ul> <li>OpenOffice spreadsheet format (.ods)</li> <li>iSeries SQL Requests</li> <li>Viewer to look at iSeries SQL results</li> </ul> </li> <li>Files <ul> <li>Zip function to zip files in IFS</li> </ul> </li> <li>iSeries Credentials <ul> <li>Users can change i5/OS password via iSeries Access for Web, and it will additionally update currently defined credentials with the new password value.</li> </ul> </li> </ul>	<ul> <li>File</li> <li>Print</li> <li>Database</li> <li>Command</li> <li>Credentials</li> <li>Related Links</li> </ul>	<ul> <li>5250</li> <li>iFrame</li> <li>Welcome</li> </ul>





- Use 'out of the box', but set up predefined functions
- Create your own 'window' to your system through Access for Web



Use the WebSphere Portal solution



#### **Control User Access to functions**



- 1. How do I keep my users from using all these functions?
- 2. How do I set up the environment for my users?
- 3. Should I let my users set have some individual screen settings for some functions?

You need \*SECADM authority to customize profiles



# **iSeries Access for Web uses i5/OS User Profiles**

When an iSeries Access for Web user attempts to access any function on the iSeries, the following sequence of checks are made to authenticate user access:

- User profile
- Group profile(s)
- \*PUBLIC profile

\*PUBLIC profile is the set of default policy settings shipped with Access for Web

• The defaults allow most functions to be available to all users

The settings in these policies indicate what functions within iSeries Access for Web, a user can attempt to use.

- For Example: Let's say you give users full access to the 'Database' tab.
- You have Object Level authority set up on your data
- When a user attempts to use one of the iSeries Access for Web Database GUIs to get at the database information, the user will get an i5/OS message indicating they are not authorized to access data



## Customize $\rightarrow$ Policies

# Policies are used to control access to iSeries Access for Web functions

Cantar

#### For example:

- A Files access policy can be set to Deny or restrict a user or group from accessing the file function.
- Policies are saved and associated with the appropriate iSeries user or group profile.
- Each 'Category' expands for granular control

My Home Page	Polic	cies		
📑 My Folder	1 011			
Print	Profile:	CMINER1		
Messages				
Jobs	Action	Category	Description	Access
5250	1	5250	5250 user interface custom settings.	Allowed
Database	1	Command	Run batch command custom settings.	Allowed
Files		Customize	Preferences and policy administration custom settings.	Allowed
Command		Database	Database tables, requests, and run SQL custom settings.	Allowed
Download Customize		Database connections	Create and edit database connection definitions.	Allowed
Preferences	1	Download	Download packages custom settings.	Allowed
Policies	1	Files	Integrated file system and file share custom settings.	Allowed
• Settings		General	Page layout, language and character set custom settings.	Allowed
• Transfer	1	Jobs	Work with jobs custom settings.	Allowed
configuration	1	Mail	Send mail custom settings.	Allowed
Other		Messages	Display messages, send messages, and message queue custom settings.	Allowed
1011101010	1	My Folder	My Folder custom settings.	Allowed
Related Links: • iSeries Access for Web		Print	Printer output, printers, printer shares and output queue custom settings.	Allowed
· iSeries Access		Sametime	Lotus Sametime custom settings.	Allowed
<ul> <li>iSeries Navigator</li> <li>iSeries Information</li> </ul>	1	Other	Change password and other miscellaneous custom settings.	Allowed



# Policies - customize for all users at once

One alternative...

Use the \*PUBLIC group profile and set policies for all users

- 'Deny' functions for all users in a single step
- Then 'Allow' specific users access to functions via their User or Group profiles

#### **Problem:**

You're locked out too, until you go in and "Allow" functions to yourself

A DECKNER OF THE RECEIPTION OF THE RECEIPTION			50 97	
My Home Page	Poli	cies	Q.T.	
🗄 My Folder			÷	
Print	Profile:	*PUBLIC		
Messages				
Jobs	Action	Category	Description	Access
5250		5250	5250 user interface custom settings.	Allowed
Database		Command	Run batch command custom settings.	Allowed
Files	/	Customize	Preferences and policy administration custom settings.	Allowed
Command	/	Database	Database tables, requests, and run SQL custom settings.	Allowed
Download		Database	Create and edit database connection definitions.	Allowed
Customize		connections	create and edit database connection deimitions.	Allowed
• Preferences	1	Download	Download packages custom settings.	Allowed
Policies	1	Files	Integrated file system and file share custom settings.	Allowed
• Settings	1	General	Page layout, language and character set custom settings.	Allowed
• Transfer	1	Jobs	Work with jobs custom settings.	Allowed
configuration	1	Mail	Send mail custom settings.	Allowed
Other		Messages	Display messages, send messages, and message queue custom settings.	Allowed
	1	My Folder	My Folder custom settings.	Allowed
Related Links: • iSeries Access for Web	/	Print	Printer output, printers, printer shares and output queue custom settings.	Allowed
iSeries Access	1	Sametime	Lotus Sametime custom settings.	Allowed
• iSeries Navigator	1	Other	Change password and other miscellaneous custom settings.	Allowed



# Example: Set Policy to Default to Specific Directory in IFS

Edit Policies - Files

🖻 My Folder

Set a 'Default Directory' for:

\*PUBLIC

 Groups of users

#### Print Profile: CMINER1 Messages Jobs Policy Derived From 🚱 Action 0 Setting 5250 Files access Shipped default Use current setting ✓ Allow ✓ Database Files tab Shipped default ~ Use current setting Show 💙 Files Shipped default Display directory ~ No 🛩 Use current setting Command contents in new window Download Enable sort links Shipped default Customize Use current setting Yes Y for directory Preferences contents Policies Display directory Shipped default Use current setting Yes Y Settings contents statistics Transfer Browse files Profile setting Use current setting ~ Allow ~ configuration Copy files to Shipped default Use current setting ~ Allow 💙 Other server Copy files from Shipped default Use current setting ✓ Allow ✓ server Default Profile setting Use current setting ~ /cminer1 directory iSeries Acce Display Shipped default ~ Use current setting Allow 💙 subdirectory · iSeries Navigator iSeries Information contents Center Shipped default Display parent Use current setting ✓ Allow ✓ iSeries Resource directory Library contents Display Shipped default Use current setting V Deny V default

#### Specific user

In this example, I went into CMINER1 profile, and set policy to show only the 'CMINER1' directory to this user...







# **iSeries Access for Web – Database Functions**

Access database tables on your iSeries server with iSeries Access for Web.

#### <u>Tables</u>

- View a list of database tables on your iSeries server.
- Perform actions on these tables without having knowledge of SQL and its syntax.
- View the contents of a table in a paged list, using the Quick view action.
- Add and update records in a table using the Insert and Update actions.
- Create your own customized SQL request for a table using the Run SQL action.
- Create your own customized copy data request for a table using the Copy data to table action.

#### My requests

- View a list of previously saved requests.
- Run or Edit requests from this list.
- Manage lists using the Copy, Delete, and Rename actions
- Create and manage shortcuts to requests

#### <u>Run SQL</u>

- Run SQL statements dynamically.
- View output as a paged list or in a popular file format, like Microsoft Excel or Lotus 1-2-3. (Output format depends on how you have your browser configured and whether the browser can locate a plug-in for the output type you choose.)
- Customize how data is returned by setting options specific to the output type.
- Build SELECT statements using an SQL Wizard.
- Save requests for repeated use.

#### <u>Copy data to table</u>

- Copy existing data files from your PC to a database table on your iSeries server.
- These data files can be in many popular file formats, including Microsoft Excel and Lotus 1-2-3.
- Replace the contents of a table or add data to an existing table.
- Create a new database table based on the contents of a workstation file.
- Save requests for repeated use.

#### Import request

- Import Client Access Data Transfer upload and download requests into iSeries Access for Web copy data and SQL requests.
- Imported requests are automatically converted to iSeries Access for Web format.
- Run and edit converted requests on your iSeries server just like other copy data and SQL requests.

#### Import query

- Import queries generated by Query for iSeries and DB2 UDB for iSeries Query Manager.
- Imported queries can be saved into iSeries Access for Web database requests.
- Run and edit converted queries on your iSeries server just like iSeries Access for Web SQL requests.

#### Extract server data

• Extract server object information into a database table.



#### Upload PC Data to the System i

- Upload data from a variety of file types
  - Excel, XML, Lotus, etc
  - OpenOffice new V5R4
- Put into iSeries database
  - 'Replace' contents of table
  - 'Append' to existing data
- If no table exists on the iSeries, you will get a wizard to help you create a new table



iSeries Access for	or Web
My Home Page	Copy Data to Table
🗅 My Folder	Copy Bata to Table
Print	File to Conv.
Messages	
Jobs	File: Browse
5250	File type: Comma Separated Value (.csv) 🛛 Settings
Database	
• Tables	Table to Receive Data 🛛 🕄
• My requests	Table:
• Run SQL	Action: Replace data if table exists 🗸
· Copy data to table	
<ul> <li>Import request</li> </ul>	
<ul> <li>Import query</li> </ul>	Connection 2
• Extract server data	Connection: IBM Toolbox for Java - LP126AB.RCHLAND.IBM.COM 💙
Files	
Command	Copy Data to Table Save Request
Download	

Customize



#### **Create System i Table**

iSeries Access	for Web User: CMINER System: LI
My Home Page	Copy Data to Table
Print Messages	Table BOATS.DATA does not exist.
Jobs	Create options
5250	• View or change column definitions before creating table
Database	O Create table using the source file's column definitions
• Tables • My requests	OK Cancel
• Run SQL	

Wizard to help you create an iSeries table from your PC spreadsheet

	5 🛛 🏠 🛛		http://p116ab:2016				
	load Stop Home C		rint http://p116ab:2016	5/weba	access/iWADbUpload		✓ C,
Firefox Help 📋 Firefox	K Support 📄 Plug-in FAQ						
IEM.	iSeries A	ccess for V	Web				
	cminer					LP11	6AB RCHLAND IBM CO
My Folder	Table Colu	umn Definit	ions				
My Home Page							
Print			reating the table is recom	meno	ded. You can cha	inge any of	the column definition
Messages	attributes before	clicking Create Tab	le.				
Jobs	Column	Description	Туре		Length	Scale	Sample Data
5250 Database	EMPNO	Description	CHAR	V	6	0	200340
Tables	FIRSTNME		CHAR	~	9	0	ROY
My requests	MIDINIT		CHAR	~	1	0	R
Run SQL Copy data to table	LASTNAME		CHAR		10	0	ALONZO
Import request	WORKDEPT			~			E21
Extract server data			CHAR	~	3	0	ALATAN'S
Files	PHONENO		CHAR	*	4	0	5698
Command	HIREDATE		CHAR	~	8	0	5/5/47
Download Customize	JOB		CHAR	~	8	0	FIELDREP
Other	EDLEVEL		FLOAT 💌		0	0	16.0
	SEX		CHAR	¥	1	0	М
Related Links: iSeries Access for Web	BIRTHDATE		CHAR	~	8	0	1/1/01
TOOLICS PLOCESS TOT WED	SALARY		FLOAT 💌		0	0	23840.0
iSeries Access	BONUS		FLOAT 👻		0	0	500.0
iSeries Navigator					0	0	1907.0
	COMM		FLOAT 💌		0	U	1007.0

## **Database Tables**

#### You can:

- Insert
- Update
- Quick View
- Find (new V5R4!)
- Run SQL
- Copy Data to Table

iSeries Access f	or Web	User: CMINER	I
My Home Page	Tables	$\searrow$	
🗅 My Folder	Tables		
Print	Connection: IPM	Toolbox for Java - LP126AB.RCHLAND.IBM.COM	
Messages	Table filter: *US		
Jobs	Table filter. 05		
5250	≪	<u>56789</u> ▶ ≫ ▶ Q	
Database			
• Tables	Table	Description	Action 😧
• My requests	BOATS.BOATS	Available BOATS	
• Run SQL	BOATS.BOATS1	Available boats by length	
• Copy data to table	BOATS.PCFILES	PC files needed by BOATS WSG Demo	vi 🗹 🖻 🔍 🖿
Import request	BOATS.QCLSRC		'i Z D Q X L
Import query	BOATS.QCMDSRC		¥ 2 8 9 % 4
• Extract server data	BOATS.QDDSSRC		ä 2 D Q % D
Files	BOATS.QRNCVTLG	;	"a Z B Q % h
Command	BOATS.QRPGLESR	с	ä 🛛 🖬 🔍 🕨 🖿
Download	BOATS.QRPGSRC		9 Z B Q % B
	QGPL.#	\$	12 d d Q % L
Customize	QGPL.BITYPES		"d e d & % L
Other	QGPL.CHADDEC		ïe e o & % le
	QGPL.CONCURTYP	E	12 e d & % 4
Related Links:	QGPL.CPY_INFO		
• iSeries Access for	QGPL.DAVE		
Web	QGPL.DECSEP		
· iSeries Access	QGPL.DIVZERO		
<ul> <li>iSeries Navigator</li> <li>iSeries Information</li> </ul>	QGPL.DIVZERO2		
Center	QGPL.DSD		
iSeries Resource	OGPL.DSPSFWRSC	Output file for DSPSFWRSC	
Library			

64

# **Download Database Information from System i**

# Run SQL allows you to run SQL statements

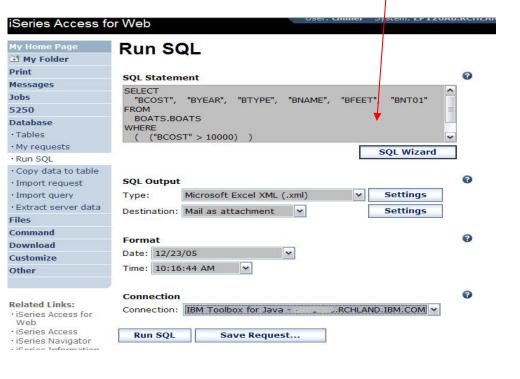
- Could copy/paste complex SQL statements in here...
- Variety of output types
  - PDF, Excel, 1-2-3, XML, etc

#### Destination

- Browser
- Mail as attachment
- Personal Folders
- IFS (new V5R4)

#### Can save request

 My Requests, Give Shortcut to others





SQL Wizard if you don't know SQL





# **Create Database Requests with SQL Wizard**

# SQL Wizard enables you to:

- Select tables
- Select which columns to return
- Add conditions to your select statement
- Select the columns by which you want the data sorted

iSeries Access fo	or Web
My Home Page	SQL Wizard
🗀 My Folder	
Print	SELECT
Messages	*
Jobs	FROM
5250	BOATS.BOATS
Database	
• Tables	
• My requests	Welcome
Run SQL	Welcome
• Copy data to table	This wizard steps you through creating an SQL select statement.
<ul> <li>Import request</li> </ul>	This wizard steps you through creating an SQL select statement.
<ul> <li>Import query</li> </ul>	
• Extract server data	
Files	Next Finish Cancel
Command	Next Filisi Calcel
Download	

66

## **Database - Run Requests**

Administrator could:

- Give users or groups of users some database requests that were created for them.
- Users can run only these specific requests
- No other database options offered

My Home Page	My Requests					
Print						
5250	{≪  √ [1] ) >>> > Q					
Database	and the second sec					
• My requests	Request	Description	Action	Shortcut	Created By	Access
Files	Shortcut to Boats For Sale	View all available boats	×	Yes	CMINER	groupa
Download	Shortcut to Find Boat To Buy	Select type and price limits	×	Yes	CMINER	*PUBLIC
	Shortcut to My Customers Mailing	Mail Customer List	×	Yes	CMINER	groupa
Related Links:	Shortcut to My Customers Mailing	Mail Customer List	×	Yes	cminer	cminer1
· iSeries Access for Web · iSeries Access	Shortcut to Put My Customer List in Folder	Store Customer List	×	Yes	CMINER	groupa
• iSeries Navigator	Shortcut to request sql		×	Yes	secyesi	*PUBLIC
<ul> <li>iSeries Information Center</li> </ul>	Shortcut to request upload			Yes	secyesi	*PUBLIC





## **Dynamic Queries – V5R3**

3

2

1

SQL Wizard enables you to generate an SQL statement with markers for conditional values

- 1. End user selects query to run
- 2. End user selects Boat Type and Price Range
- 3. Boats are displayed that fit that range

Messages						
Jobs	BCOST	BYEAR	BTYPE	BNAME	BFEET	BNT01
5250	27500	1953	S	Bill Garden Schooner	36	-The hull is 1/8' caravel cedar planked atop 1 1/4" x 1 1/2" oak frames
Database	57900	1990	S	Hunter 33.5	33	-The boat has a large wheel steering a spade
• Tables	57500	1000	5		55	rudder.
• My requests	63000	1979	S	Mariner Ketch	40	-Full keel and the rudder is keel hung
• Run SQL • Copy data to table	69000	1978	S	Morgan 382 Race/Cruise Sloop	38	-Has an Airex hull and skeg rudder. Has been rated by LLoyd's
· Import request	69950	1994	S	Corsair 27	27	-Equipped for cruising and racing
• Import query • Extract server data	80000	1974	S	Garden Design Porpoise Ketch	51	-The hull is carvel planked teak.

iSeries Access	TOR Web
My Home Page 🕂 My Folder	Find Boat
Print	Select Boat Type
Messages	S ×
Jobs	Price in US\$ greater than or equal to: 25000
5250	
Database • Tables • My requests	Price in US\$ less than or equal to: 100000 OK Cancel

Ny lione Page	My Requests					
I My Folder	my requests					
Print						
Messages						
Jobs	Request	Description	Action @	Shortcut	Created	Access
5250	Boats Available	See available boats	XSB237	No	cminer	cniner
Database	Boats By Price	Boats for sale by	130201	No	cminer	cniner
Tables	BOALS BY PICE	price	「日田田田田田	140	Citation	Conster
-My requests	Boats by Price in .xls format	Save in My folder	XDDDDZ	No	cminer	cminer
+Run SQL	Boats by Price in Excel	Boats for sale by	* SBABP	No	cminer	cminer
- Copy data to table		price				
+ Import request	Boats For Less than \$1,000,000		* 2 2 2 2 1	No	cminer	ommer
- Import query		price	and the second second second			
· Extract server data	Boats For Sale	View all available boats	THEFT	No	cminer	cminer
Files	Dynamic BOATS Request	Price and Type	REDER	No	cminer	crainer
Command	Find Boat By Price and Tune		X S B B Z Z	No	cminer	cminer
Download	Find Boat To Buy	Select type and price	* 3 * * * * *	No	cminer	crainer
Customize		limits	The the two was not the			
Other	My Customers	Customer List	100000	No	cminer	cminer
	My Customers Mailing	Mail Customer List	*50000	No	cminer	cminer
	Put My Customer List in Folder	Store Customer List	1112201	No	cminer	ominer
Related Links:	Shortcut to Find Boat To Buy	Select type and price	* 三面	Yes	CMINER	"PUBLIC



## Printing





### Work with Printer Output, Printers, Queues

#### Typical end user printer tasks

- Printer Output
- PDF Printer Output



Tasks more oriented toward system operators, administrators, programmers, etc

- Printers
- PDF Printers
- Internet Printers
- Internet Printer Shares
- Printer Shares
- Output Queues







# **Work with Printer Output**

#### http://<myiseries>/webaccess/iWASpool

My 'printer output'

**Actions include:** 

- Work with
- View
- View As
- View PDF

Easy-to-use GUI for working with my printer output

> Don't need to sign onto a 5250 session, and run commands to get to spool file

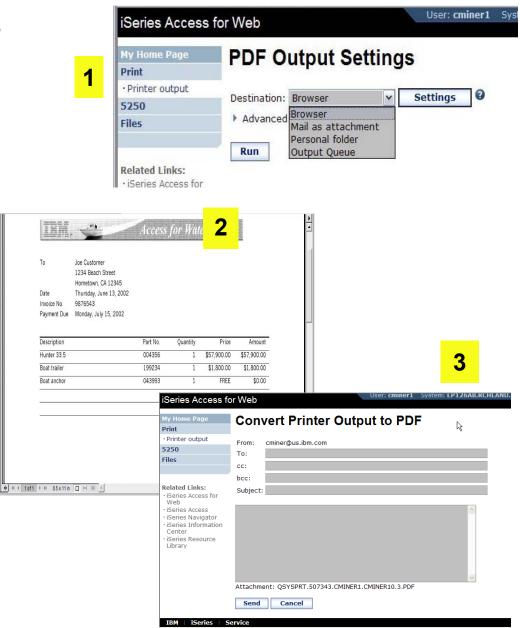
4y Home Page ቿ My Folder	Printer	Output f	or cm	iner			N			
Print	≪  - [1]						$\mathbb{R}$			
Printer output	[-]									
PDF printer output Printers	File Us Name Da	er Creation ta Date/Time	Pages Per Copy	Copies	Status	Action 😧	User	Job Name	Job Number	Fi Num
PDF printers	QSYSPRT	12/15/05 4:31 PM	1	1	Ready	🗋 🖻 🖪	CMINER	CMINER0	502274	
Internet printers Internet printer	QSYSPRT	12/15/05 4:31 PM	1	1	Ready	🗅 🛍 🗖	CMINER	CMINER0	502274	
shares Printer shares	QSYSPRT	12/15/05 4:32 PM	1	1	Ready	🗋 🖻 ଅ	CMINER	CMINER0	502274	
Output queues	QSYSPRT	12/15/05 4:39 PM	1	1	Ready	🗋 🛍 ଅ	CMINER	CMINER0	502274	
lobs	QSYSPRT	12/15/05 4:41 PM	1	1	Ready	🗅 🛍 🗖	CMINER	CMINER0	502274	
5250 Database	QPRINT	12/15/05 4:48 PM	1	1	Ready	🗋 🛍 🗖	CMINER	QIWAPDFSTR	502281	
Files Command	QPRINT	12/15/05 4:50 PM	1	1	Ready	🗋 🛍 ଅ	CMINER	QIWAPDFSTR	502285	
Download	QPRINT	12/15/05 4:52 PM	1	1	Ready	🗋 🛍 🖬	CMINER	QIWAPDFSTR	502287	
Customize Other	QPRINT	4.52 PM 12/15/05 4:57 PM	1	1	Ready	🗋 🖻 🗖	CMINER	QIWAPDFSTR	502291	

Note: IBM Infoprint Server (5722-IP1) is NOT needed to use "View PDF"



## **Printer Output - Spoolfile**

- **1.** Requested 'View PDF'
  - Can select any option on pulldown for my printer output
- 2. View in Browser
  - Shows overlays, etc
  - Can print on any printer in network
- 3. Send .PDF document in an email
  - Mail server does not have to be installed on iSeries





# **PDF Printer Output**

http://<myiseries>/webaccess/iWAPDFPrinterOutput

#### Printer output automatically

converted to PDF and placed in PDF Printer Output Queue at spool time

#### Actions include:

-View

- -Copy to File
- -Copy to Folder; Delete

iSeries Access f	or Web			User: cminer Syst	em: LP126AB.RCI	ILAND.IBM.CO	IBM.
My Home Page	PDF Pri	nter Ou	utput				
Print • Printer output	4≪ 4 [1] 2	<u>34</u> • • •	Q				
• PDF printer output	File Name	File Number	User	Creation Date/Time	Job Name	Job Number	Action
Printers     PDF printers	QSYSPRT	5	JOANSG	4/7/05	QPRTJOB	064814	
	QSYSPRT	1	CLARKD	4/27/05	QPADEV0018	115207	
Internet printers	QSYSPRT	2	CLARKD	4/27/05	QPADEV0018	115207	
<ul> <li>Internet printer shares</li> </ul>	QSYSPRT	1	CLARKD	5/2/05	QPADEV0012	122000	
Printer shares	QSYSPRT	2	CLARKD	5/2/05	QPADEV0012	122000	
Output queues	QSYSPRT	3	CLARKD	5/2/05	QPADEV0012	122000 [	
Messages	QSYSPRT	4	CLARKD	5/2/05	QPADEV0012	122000 [	
lobs	QSYSPRT	5	CLARKD	5/2/05	QPADEV0012	122000	
5250	QSYSPRT	6	CLARKD	5/2/05	QPADEV0012	122000	
Database	COVER_PAGE	11	GILBERTM	11/1/05	QPRTJOB	287159	
Files	BG1_3812	12	GILBERTM	11/1/05	QPRTJOB	287159	
Command	BG2_3812	13	GILBERTM	11/1/05	QPRTJOB	287159	
Download	BG3_3812	14	GILBERTM	11/1/05	QPRTJOB	287159	
Customize	BOX_3812	15	GILBERTM	11/1/05	QPRTJOB	287159	
Other	MBX_3812	16	GILBERTM	11/1/05	QPRTJOB	287159	
ouier	IMG_3812	17	GILBERTM	11/1/05	QPRTJOB	287159	
	HRZ_3812	19	GILBERTM	11/1/05	QPRTJOB	287159	

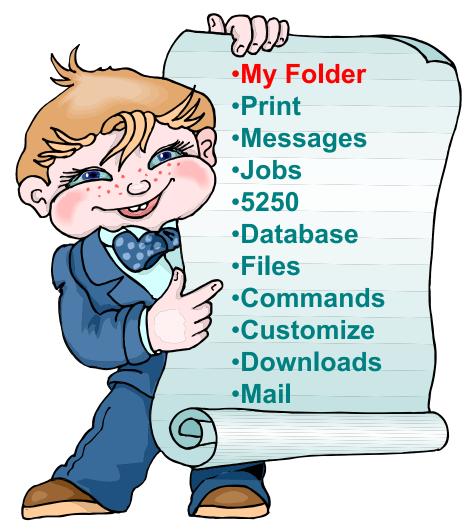
*Note: IBM Infoprint Server (5722-IP1) needed to use "PDF Printer Output" and "PDF Printers"* 

#### -Mail

Actual host application could additionally send spooled file to another output queue (in SCS or AFP mode)



# **My Folder**



## IBM

# **My Folder**

## Folder resides in the IFS

- Folder does not show up in IFS directory listing
- Administrator can control size of Folders (new in V5R3)

## Folder can only be accessed by owner

- Good for long-running requests (ie, actions performed asynchronously so the browser is not tied up)
- An easy way to avoid large attachments (ie, a large query result)

Can place information in other users' Folders

- -Performing requests for someone else
- -Mechanism for workflow.

Combine e-mail and My Folder functions to:

- Perform requests for someone else
- Distribute results to a group of users
- Send e-mail to others when you place information in their Folder
- Be notified when new items are placed in your Folder

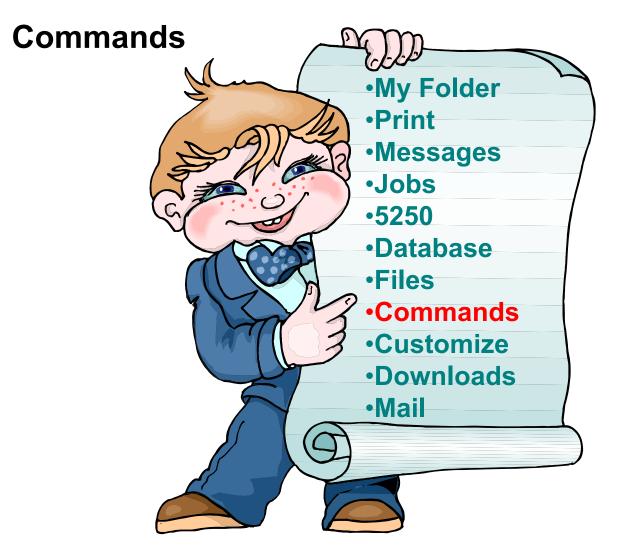


# Simply click on 'My Folder' to see items

- Can store items, email them, delete them, etc
- Do not need to understand any Directory structure to put information in My Folder or another's Folder

My Home Page	My Folder					
🗄 My Folder	ing i oraci					
Print	4≪ 4 [1] ▶ ≫ ⊨ Q					
Messages	1005.8					
Jobs	Item	Status	From	Date/Time	Size	Action
5250	Status [SQL output in PDF]	Unopened	CMINER	12/12/05 6:08 PM	202	🐨 🖻 😐 🖸 🖻 😿
Database	SOL output in PDF	Unonened	CMINER	12/12/05 6:08	2543	* * +
Files		onopened	CIMINEIX	PM	2545	
Command	Status [SQL output in PDF]	Unopened	CMINER	12/12/05 6:04	202	* • • • • •
Download				PM		
Customize	SQL output in PDF	Opened	CMINER	12/12/05 6:04 PM	2543	
Other	Status: SQL output to Integrated File System	Unopened	CMINER	12/12/05 5:39 PM	272	* * *
Related Links:	Status: SQL output to Integrated File System	Unopened	CMINER	12/12/05 5:35 PM	271	V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Web · iSeries Access · iSeries Navigator	Status [SQL output in HTML]	Unopened	CMINER	12/9/05 4:52 PM	202	* * + +
• iSeries Information Center	SQL output in HTML	Opened	CMINER	12/9/05 4:52 PM		10 11 11 11 11 11 11 11 11 11 11 11 11 1
• iSeries Resource Library	Status [SQL output in XLS]	Unopened	CMINER	12/5/05 4:35 PM	297	* • • • • • *
	SQL output in XLS	Opened	CMINER	12/5/05 4:35 PM	3956	10 11 11 11 11 11 11 11 11 11 11 11 11 1





# **Run CL Commands**

#### iSeries Access for Web

My Home Page	Search	for C	comm	ands	
🖻 My Folder				ando	
Print	Command: wo	rk user n	rofiles	0	
Messages			i o i ii e b		
Jobs	Library: *L	IBL		0	
5250					
Database	Search by				
Files					
Command	Command r	name 💿 T	ext descrip	tion 🕑	
• My commands	Search				
Run command	Search				
• Search					
Download	I I I I 2	34567	<u>8910</u>	D IA <	
Download Customize					
Dominoud	Command	Library	E	Description	
Customize	Command	Library QSYS	E Work with	<b>Description</b> User Profiles	
Customize	Command WRKUSRPRE WRKUSRJOB	Library QSYS QSYS	E Work with Work with	<b>Description</b> User Profiles User Jobs	
Customize Other Related Links:	Command WRKUSRPRE WRKUSRJOB DSPWSUSR	Library QSYS QSYS QSYS	Work with Work with Display Wo	Description User Profiles User Jobs ork Station User	
Customize Other Related Links:	Command WRKUSRPRF WRKUSRJOB DSPWSUSR RSTUSRPRF	Library QSYS QSYS QSYS QSYS	Work with Work with Display Wo Restore Us	Description User Profiles User Jobs ork Station User ser Profiles	
Customize Other Related Links:	Command WRKUSRPRE WRKUSRJOB DSPWSUSR RSTUSRPRE WRKNWSENR	Library QSYS QSYS QSYS QSYS QSYS	Work with Work with Display Wo Restore Us Work with	Description User Profiles User Jobs ork Station User ser Profiles NWS User Enrollmen	nt
Related Links: · iSeries Access for Web · iSeries Navigator	Command WRKUSRPRF WRKUSRJOB DSPWSUSR RSTUSRPRF WRKNWSENR DSPNWSUSR	Library QSYS QSYS QSYS QSYS QSYS QSYS	Work with Work with Display Wo Restore Us Work with Display Ne	Description User Profiles User Jobs ork Station User ser Profiles NWS User Enrollmen twork Server Users	nt
Related Links: · iSeries Access for Web · iSeries Access · iSeries Navigator · iSeries Information	Command WRKUSRPRE WRKUSRJOB DSPWSUSR RSTUSRPRE WRKNWSENR	Library QSYS QSYS QSYS QSYS QSYS	Work with Work with Display Wo Restore Us Work with Display Ne Work with	Description User Profiles User Jobs ork Station User ser Profiles NWS User Enrollmen twork Server Users User Tables	nt
Customize Other Related Links: • iSeries Access for Web • iSeries Access • iSeries Navigator	Command WRKUSRPRF WRKUSRJOB DSPWSUSR RSTUSRPRF WRKNWSENR DSPNWSUSR	Library QSYS QSYS QSYS QSYS QSYS QSYS	Work with Work with Display Wo Restore Us Work with Display Ne Work with	Description User Profiles User Jobs ork Station User ser Profiles NWS User Enrollmen twork Server Users	nt
Related Links: · iSeries Access for Web · iSeries Access · iSeries Navigator · iSeries Information Center	Command WRKUSRPRE WRKUSRJOB DSPWSUSR RSTUSRPRE WRKNWSENR DSPNWSUSR WRKUSRTBL WRKNETE WRKNET	Library QSYS QSYS QSYS QSYS QSYS QSYS QSYS QSY	Work with Work with Display Wo Restore Us Work with Display Ne Work with Work with	Description User Profiles User Jobs ork Station User ser Profiles NWS User Enrollmen twork Server Users User Tables Network Files Network Job Entries	s
Related Links: · iSeries Access for Web · iSeries Access · iSeries Navigator · iSeries Information Center · iSeries Resource	Command WRKUSRPRE WRKUSRJOB DSPWSUSR RSTUSRPRE WRKNWSENR DSPNWSUSR WRKUSRTBL WRKNETE	Library QSYS QSYS QSYS QSYS QSYS QSYS QSYS	Work with Work with Display Wo Restore Us Work with Display Ne Work with Work with	Description User Profiles User Jobs ork Station User ser Profiles NWS User Enrollmen twork Server Users User Tables Network Files	s
Related Links: · iSeries Access for Web · iSeries Access · iSeries Navigator · iSeries Information Center · iSeries Resource	Command WRKUSRPRE WRKUSRJOB DSPWSUSR RSTUSRPRE WRKNWSENR DSPNWSUSR WRKUSRTBL WRKNETE WRKNET	Library QSYS QSYS QSYS QSYS QSYS QSYS QSYS QSY	Work with Work with Display Wo Restore Us Work with Display Ne Work with Work with Work with	Description User Profiles User Jobs ork Station User ser Profiles NWS User Enrollmen twork Server Users User Tables Network Files Network Job Entries	s

## Search for Command

### 2 Then *Run Command*

#### iSeries Access for Web

1

My Home Page	Restore Use	er Profiles	(RSTUSRPRF)		
🗈 My Folder			()		
Print	Device G		Name, *SAVF		
Messages					
Jobs	User profile 🕄 🕄	*ALL	O Name, generic*, *ALL, *NEW	, *NONE	
5250	Volume identifier 🚯	*MOUNTED	Character value, *MOUNTED		
Database	Sequence number	*SEARCH	I-16777215, *SEARCH		
Files	End of media option	*REWIND ¥	0		
Command	Save file		Name		
<ul> <li>My commands</li> </ul>					
• Run command	Library	*LIBL	Name, *LIBL, *CURLIB		
• Search	Optical file	*	😮 Path name		
Download					
Customize	Output: My folder	~			
Other	Run Command	Submit F	atch Job Advanced	Save	Cance



## **My Commands**

User can run a command, then Save it

• Commands can be saved by running the Save action for a command that was run in the current browser session.

Then next time they could simply select My Commands and run the previously saved commands

My Home Page	Mycommon	de			
🗈 My Folder	My comman	45			
Print					
Messages					
Jobs	Name	Command	Output	Action 0	Last Accessed
5250	Restore User Profiles	QSYS/RSTUSRPRF	My folder	<u>*</u> = ⇒ û	12/21/05 3:42 PM
Database	Work with Active Jobs	wrkactjob	Browser	<b>X</b> ≣ ⇒ Û	12/21/05 3:45
Files		With the second			PM
Command	Work with Query	QSYS/WRKQMQRY QMQRY	Browser		12/21/05 3:44
• My commands	Manager	(*LIBL/*ALL)		Louised Louised Louised	PM
• Run command • Search	{ ≪ { [1] } } > >   Q				
and the second					



# Summary





## **V5R4 iSeries Access for Web Enhancements**

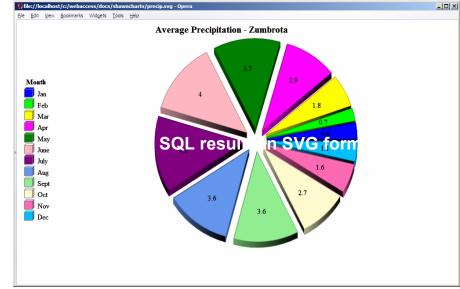
Both Servlets and Portlets	Servlets	Portlets
	<ul> <li>Database</li> <li>Import/run DB2 Query Manager and IBM Query for iSeries queries</li> <li>A new output destination of IFS for SQL requests</li> <li>New option of 'Find' on Tables link</li> <li>Administration</li> <li>Can transfer configuration items between i5/OS user profiles</li> <li>Can use WebSphere data source names for database</li> </ul>	<ul> <li>Database</li> <li>iSeries SQL Requests added</li> <li>iSeries SQL Results Viewer added</li> <li>Files</li> <li>Zip function added</li> <li>iSeries Credentials</li> <li>Can change i5/OS password via Access for</li> </ul>
<ul> <li>Display HTTP/HTTPS URL strings as links</li> </ul>	connections Files <ul> <li>Browse File Share link added</li> </ul>	Web



# What's coming?

### System i Access for Web

- Single sign-on: WAS and Access for Web support authentication using Windows domain login
- SQL wizard supports joins of multiple tables
- Chart SQL results in Scalable Vector Graphics (SVG) format
- Automation and scheduling of Access for Web tasks
- JSR 168 Portlets





## Why use iSeries Access for Web? Start simple, grow fast...

- Any System i customer -- with any hardware model can quickly get started working in a Web environment
  - If their system is not capable to running WAS, they can easily install the ASF Tomcat web application server. ASF Tomcat runs on hardware with 70 CPW and 256 MB memory
- Any System i customer -- with little Web experience can easily get started working with e-business
  - iSeries Access for Web is simple to install and configure
  - No programming skills required to set it up
- Any System i customer -- without training or setup on users' desktops can extend the reach of their resources to end users
  - Use customize facility to set up view ('window') to System i and to control access to various i5/OS resources
    - all built around i5/OS user profiles

A great first step to get System i into ebusiness





# **Additional Information**

- iSeries Access Home page:
  - <u>http://www.ibm.com/systems/i/software/access</u>
- iSeries Access for Web Home page:
  - <u>http://www.ibm.com/systems/i/software/access/web/</u>
- Demo of iSeries Access for Web:
  - <u>http://iseriesd.dfw.ibm.com/webaccess/iWHome</u>
  - Refer to slide 38 of this presentation for sign-on information



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		System i

iSeries

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