



IBM System i™

Session: 409160

Agenda key: 45MC

iSeries Access for Web Database Access

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*i want stress-free IT.
i want control.
i want an i.*

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IBM System i



iSeries Access for Web sessions/labs

- 21MC - Get to the Web Fast with iSeries Access for Web
- 23MC - iSeries Access for Web: Setup and Configuration
- 25MC- iSeries Access for Web: Run 5250 in a Browser
-  26LB - LAB: iSeries Access for Web: Installation and Configuration
- 36MC - Build a Home Page to Your i5/OS Using iSeries Access
- 41MC - Tips & Techniques for iSeries Access for Web
- 44LB - LAB: iSeries Access for Web
- 45MC - iSeries Access for Web: Database Access
- 51MM - iSeries Access for Web: Security Considerations
- 53MM - iSeries Access for Web Runs in a Portal
- 55ML - Programming with iSeries Access for Web
-  55LB - LAB: iSeries Access for Web: Installation and Configuration

 Voted "Best Traditional Lab" at Spring and Fall 2005 COMMON

Functional enhancements can be submitted via the FITS system. The url is:
<http://www.ibm.com/eserver/iseries/access/>
And click on link "[Request for Design Change](#)"

i want an i.

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Try out Access for Web for yourself!

Start your browser and connect to the following web site:

<http://iseriesd.dfw.ibm.com/webaccess/iWAHome> (case sensitive)

<p>User ID = WUSER</p> <p>Password = DEMO2PWD</p>	<p>This shows the basic look of 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.</p>
<p>User ID = BOATADMIN</p> <p>Password = DEMO2PWD</p>	<p>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 WebFacing to run the application. You will also see other links that would let a user work with spoolfile information, work with IFS, run database requests, etc..</p>

iSeries Access for Windows sessions:

- 32MC - iSeries Access for Windows: What's New in V5R4
- 33MI - iSeries Access Data Transfer: Tips & Techniques
- 42MK - Performance Tune iSeries Access ODBC
- 43MC - PC5250 Emulation: Everything You Need To Know
- 46ME - iSeries Access in the .NET World

iSeries Access for Linux session:

- 53ML – Creating the iSeries Linux Desktop

Stop in EXPO for a demo...

Functional enhancements can be submitted via the FITS system. The url is:

<http://www.ibm.com/eserver/iseries/access/>

And click on link "[Request for Design Change](#)"

What is iSeries Access for Web?

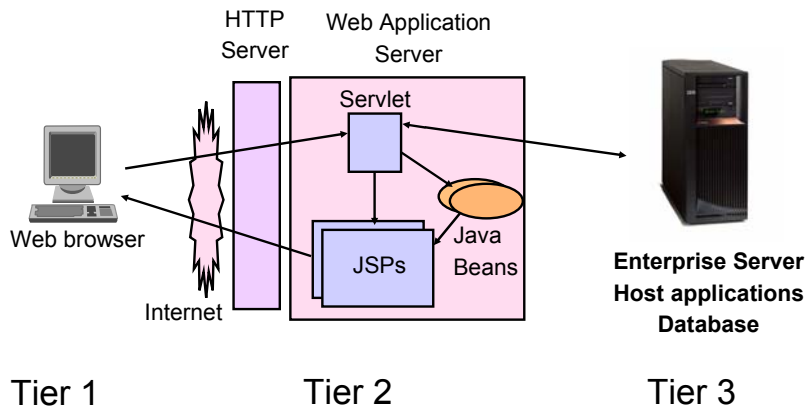
End users can leverage business information, applications, and resources across an enterprise by extending the IBM i5/OS® resources to the client desktop through a web browser

- Provides a web-based view of i5/OS applications and resources through a browser
- Runs on i5/OS
- Requires no software be installed on the client other than a browser
- Provides two offerings:
 - Web application
 - Portal application



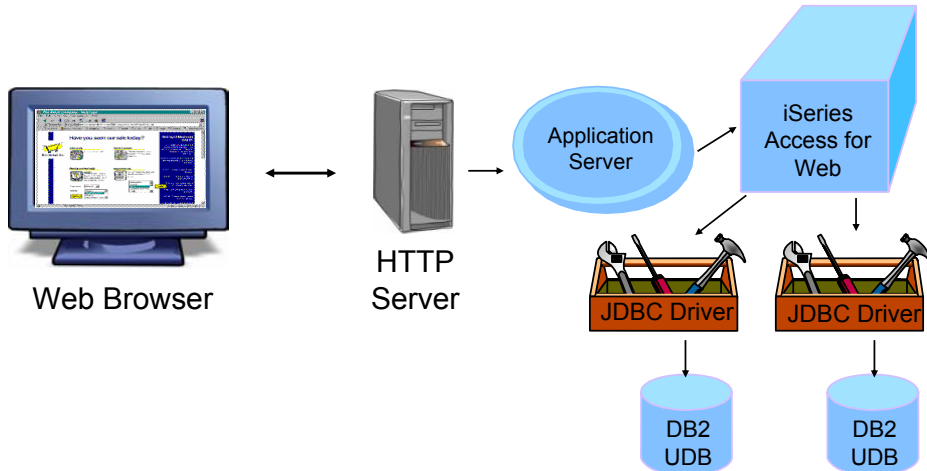
Note: Web application and portal application have different levels of functionality.

Web application environment

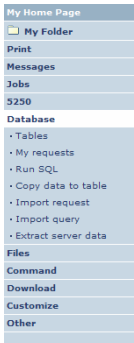


Database Overview

iSeries Access for Web uses the IBM Toolbox for Java
JDBC Driver for Database Connectivity



iSeries Access for Web: Database Functions



iSeries Access for Web has a very robust set of capabilities for working with databases

- Tables - view, find, update, insert, delete table records
- My requests - run, copy, delete, and rename saved requests; create and manage shortcuts
- Run SQL - run SQL statements, wizard to create SELECT statements, many supported output file formats
- Copy data to table - copy data from workstation file to database table
- Import request - import iSeries Access for Windows/Client Access Data Transfer requests
- Import query – import query definition files or Query Manager files
- Extract server data – mine i5/OS object data, store in database table

Restricting End User Access

The screenshot shows two windows from the iSeries Access for Web interface. The top window, titled 'Edit Policies - Database', displays a table of policies for a profile named 'STYHIE'. The table has columns for Policy, Derived From, Action, and Setting. Policies include Database access, Database tab, Tables, Maximum table rows, Table filter, Table filter to user preference, Insert record, and Insert record.

The bottom window, titled 'My Requests', shows a list of requests with columns for Request, Description, and Action. The requests listed are: City condition, Prompted state condition, Shortcut to All customers Find names and addresses, and Wizard condition.

Use Customize to give users access to minimum set of functions needed to perform their jobs

Run SQL

- The Run SQL function allows you to type in a free form SQL statement
- If your statement produces a result set, you can select one of many output formats
- Click Run SQL to run the statement

The screenshot shows the 'Run SQL' dialog box in the iSeries Access for Web interface. The 'SQL Statement' field contains the query: `SELECT * FROM JRHDB.QCUSTCDT`. The 'SQL Output' section shows various output formats, with 'Microsoft Excel XML (.xml)' selected. The 'Destination' is set to 'Preview'. The 'Format' is 'Microsoft Excel 3 (.xls)'. The 'Connection' is 'domain.com'. The 'Run SQL' button is highlighted.

Run SQL: Results

A	B	C	D	E	F	G	H	I	J	K	
1	CUSNUM	LSTNAM	INIT	STREET	CITY	STATE	ZIPCOD	CDTLMT	CHGCOO	BALDUE	COTDUE
2	938472	Hanning	G K	4859 Elm	Dallas	TX	75217	5000	3	37	0
3	839283	Jones	B D	21B NW 1	Clay	NY	13041	400	1	100	0
4	392859	Vine	S S	P O Box 75	Braton	VT	5046	700	1	439	0
5	938485	Johnson	J A	3 Alpine W	Helen	GA	30545	9999	2	3987.5	33.5
6	397267	Tyron	W E	13 Myrtle	Hector	NY	14841	1000	1	0	0
7	389572	Stevens	K L	208 Snow	Denver	CO	80226	400	1	58.75	1.5
8	846283	Alison	J S	787 Lake	Isle	MN	56342	5000	3	10	0
9	475936	Doe	J W	59 Archer	Sutter	CA	95685	700	2	250	100
10	593029	Thomas	A N	3 Dove Cir	Casper	WY	82509	9999	2	0	0
11	593029	Williams	E D	485 SE 2	Dallas	TX	75218	200	1	25	0
12	192837	Lee	F L	5963 Oak	Hector	NY	14841	700	2	489.5	0.5
13	583990	Abraham	M T	362 Mill	Stisle	MN	56342	9999	3	0	0
14											
15											
16											
17											
18											
19											
20											
21											
22											

Run SQL: Statement

- You can run any SQL statement
- The SQL Wizard can help you generate an SQL SELECT statement

Run SQL

SQL Statement

```
CREATE TABLE JRHOB.SAMPLE
(NAME CHAR(40)
DESCRIPTION CHAR(50)
QUANTITY NUMERIC(8))
```

SQL Wizard

SQL Output

Type:

Destination:

Format

Date:

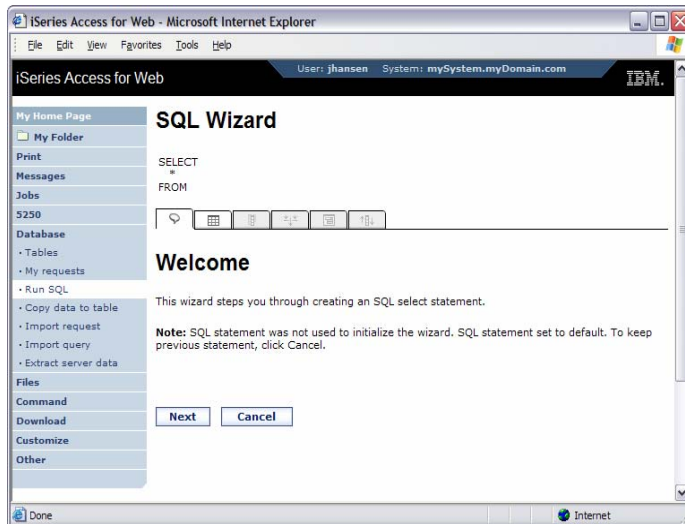
Time:

Connection

Connection:

SQL Wizard

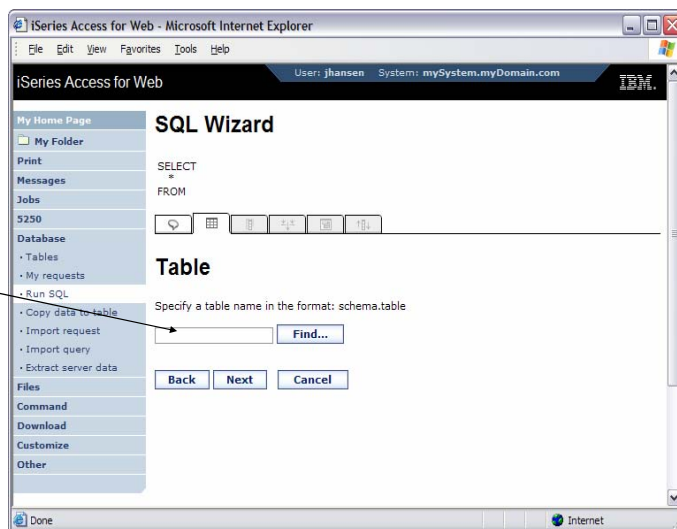
- The SQL Wizard helps you generate a single table SELECT statement



SQL Wizard: Creating a SELECT Statement

Step 1: Choose a table

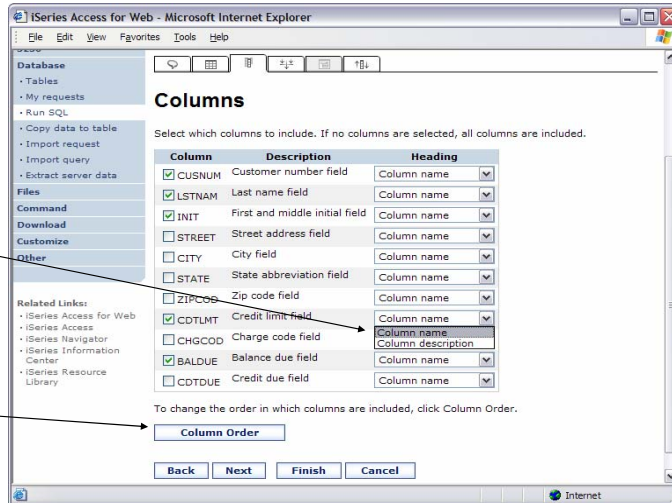
- Type in or find the table from which to select records



SQL Wizard: Choosing Columns for Output

Step 2: Choosing columns

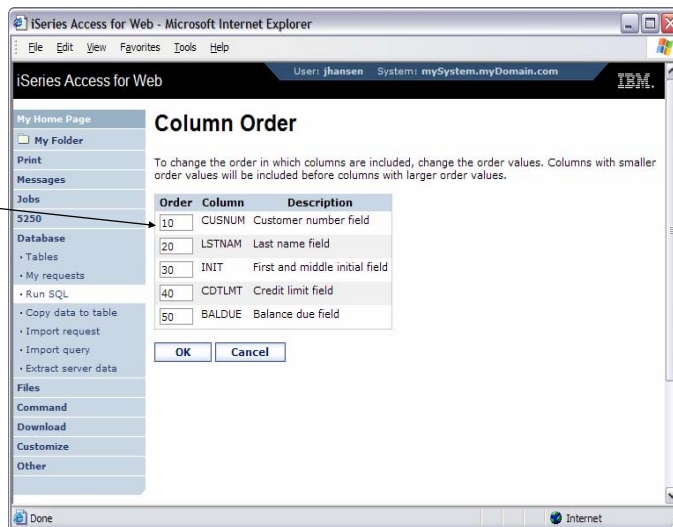
- Check boxes next to columns to include them in the statement
- Select column name or description for heading
- Click Column Order to change the order of columns in the output



SQL Wizard: Choosing Column Order

Step 3: Ordering columns

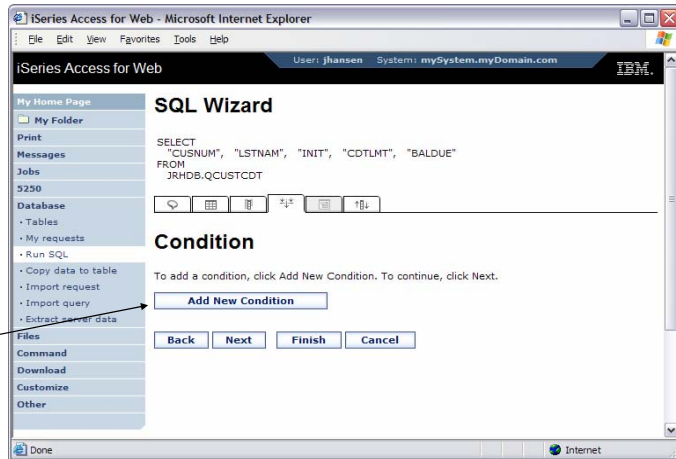
- Order columns by specifying a sequence number



SQL Wizard: Specify Conditions

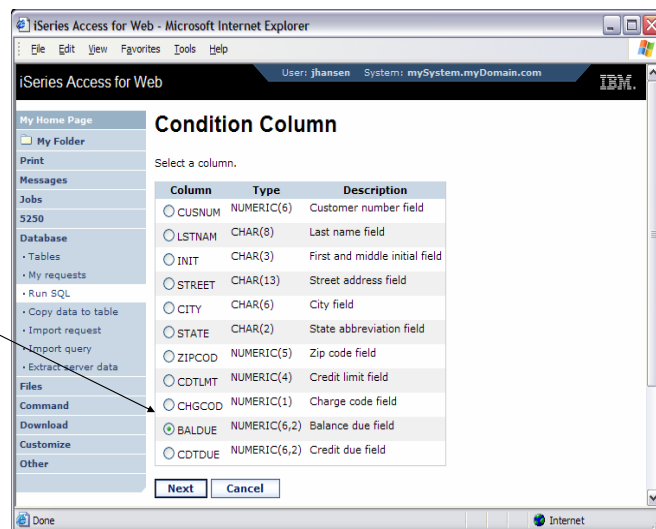
Step 4: Adding conditions

- Conditions allow you to select records that meet certain criteria.
- Click Add New Condition to specify a condition.



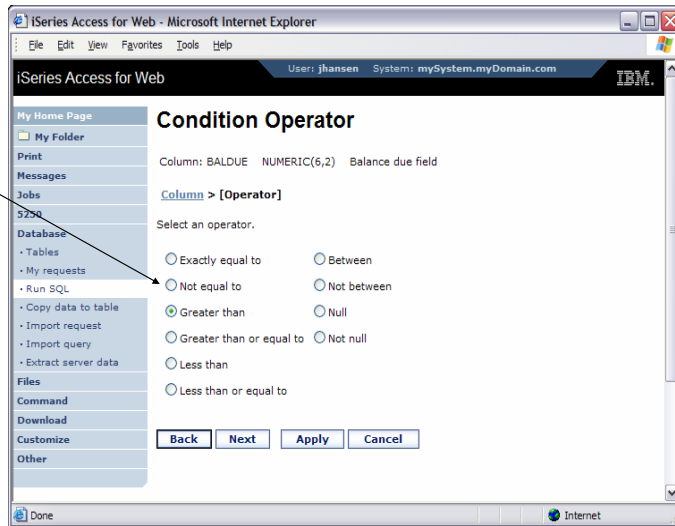
SQL Wizard: Specify a Conditional Column

- Select the column to use in the condition



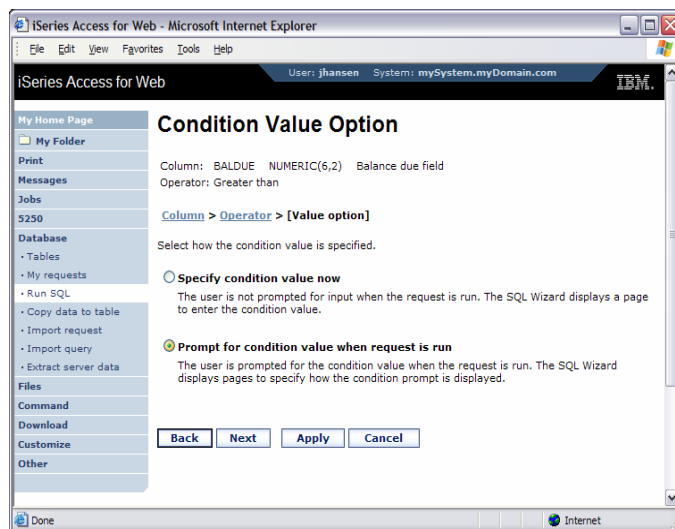
SQL Wizard: Choose the Operator Type

- Select the operator to use in the condition
- Available operators are determined by column type



SQL Wizard: Choose Static vs. Dynamic

- Choose to specify the condition value in the request or to be prompted for it when the request is run



SQL Wizard: Dynamic Query – Prompt Type

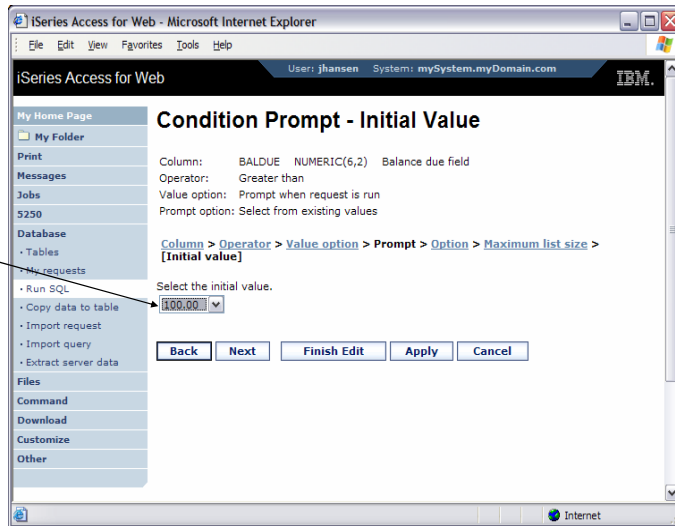
- Select how the user will be prompted for the values

SQL Wizard: Dynamic Query – List Size

- Choose the maximum number of unique values that are listed when using the existing values option

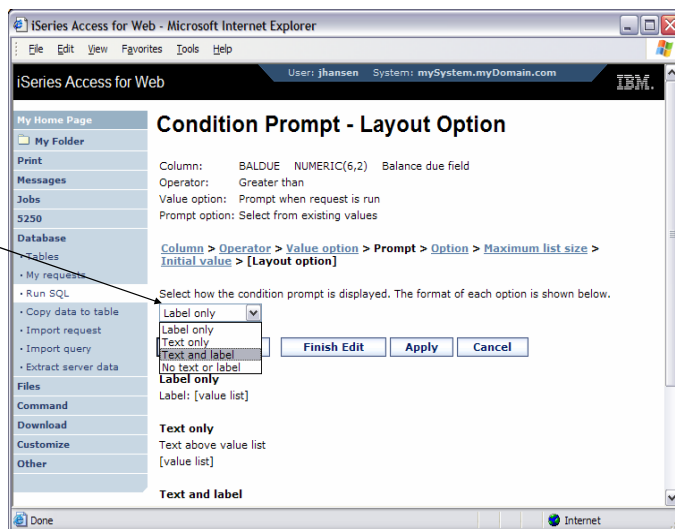
SQL Wizard: Dynamic Query – Initial Values

- Select the initial value to be displayed in the list



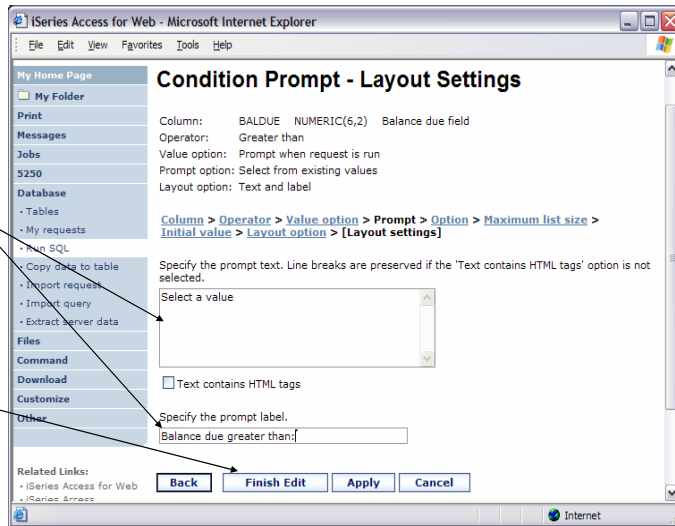
SQL Wizard: Dynamic Query – Prompt Layout

- Select the layout of the description text used for the condition



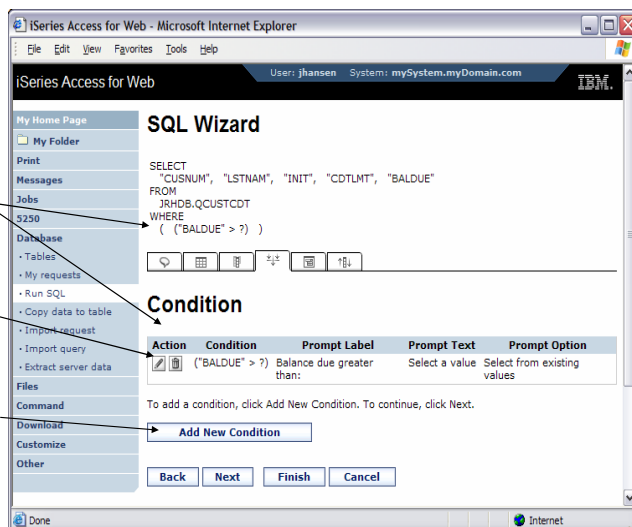
SQL Wizard: Dynamic Query – Prompt Text

- Specify the text description used for the condition
- Click Finish Edit to complete the condition



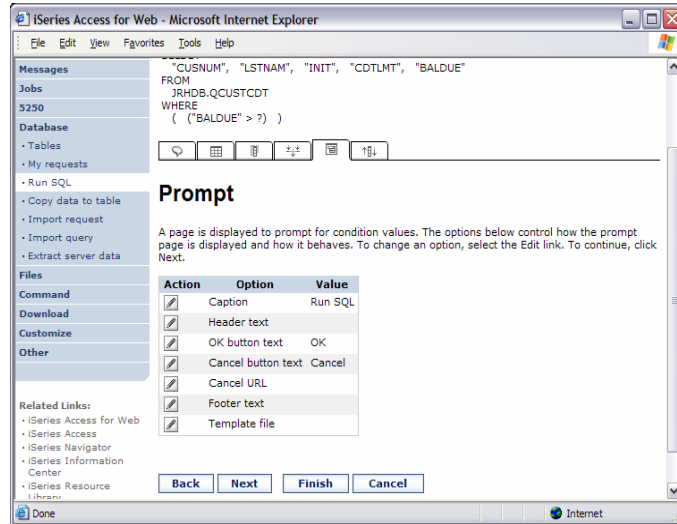
SQL Wizard: Dynamic Query - Condition Created

- The condition is displayed in the SQL statement and the condition list
- You can edit or delete the condition
- You can add additional conditions



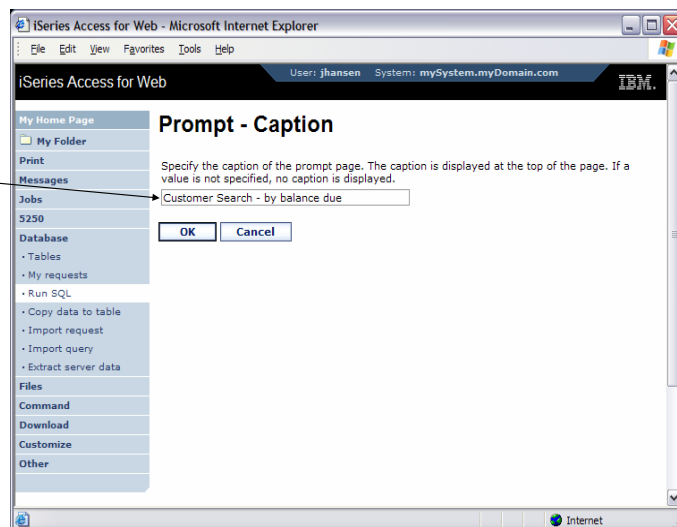
SQL Wizard: Dynamic Query – Prompt Page

- Specify additional options for the condition value prompt page



SQL Wizard: Dynamic Query – Prompt Caption

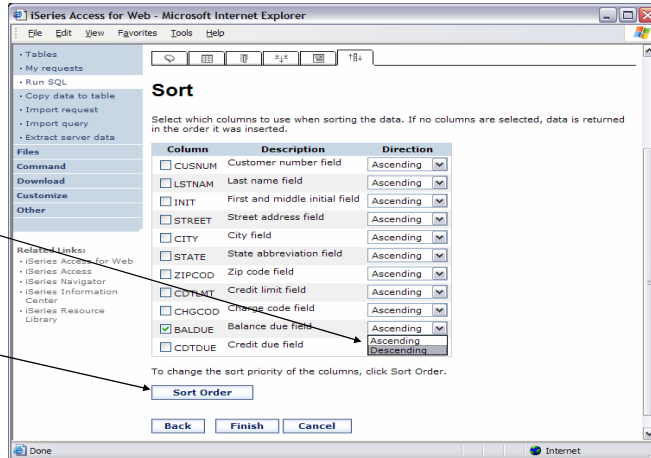
- Specify the text to be used for the caption of the condition value prompt page



SQL Wizard: Sorting Records

Step 5: Sorting records

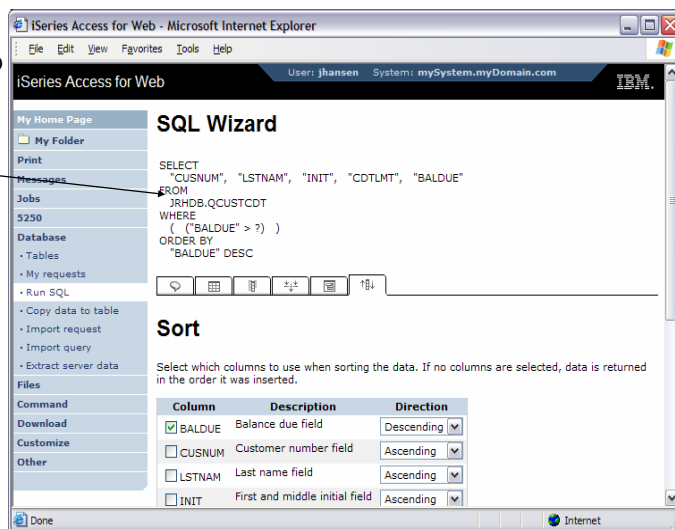
- Check boxes next to columns to use in the sort
- Select the sort order for each column
- Click Sort Order to change the sort priority of the columns



SQL Wizard: Statement Is Complete!

Step 7: Finishing up

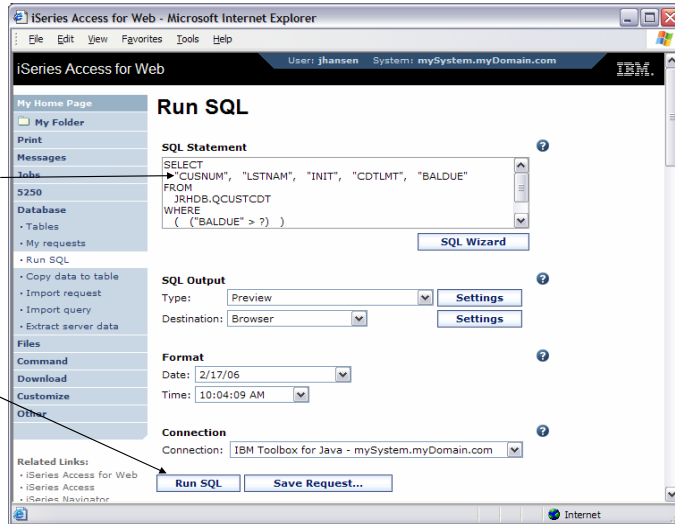
- The SELECT statement is complete
- Click Finish (not shown) at the bottom of the SQL Wizard page to return to Run SQL



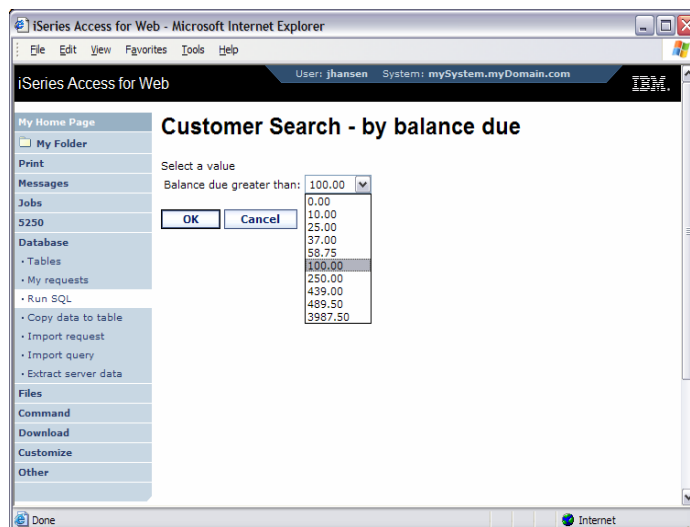
SQL Wizard: Using the Generated Statement

Step 8: Return to Run SQL

- The SELECT statement you generated is available for use in Run SQL
- Click Run SQL to run the statement



SQL Wizard: Dynamic Query Example



SQL Wizard: Dynamic Query Results

The screenshot shows a web browser window titled "iSeries Access for Web" displaying the results of an SQL query. The results are presented in a table with the following data:

CUSNUM	LSTNAM	INIT	CDTLMT	BALDUE
938485	Johnson	J A	9999	3987.50
192837	Lee	F L	700	489.50
392859	Vine	S S	700	439.00
475938	Doe	J W	700	250.00

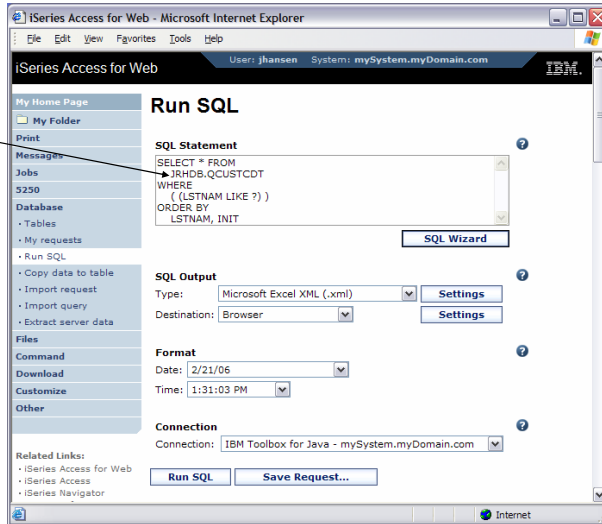
Dynamic Query: Form Example

- Want more control over the look of the dynamic query pages?
- Want to add dynamic queries to your existing web pages or web applications?

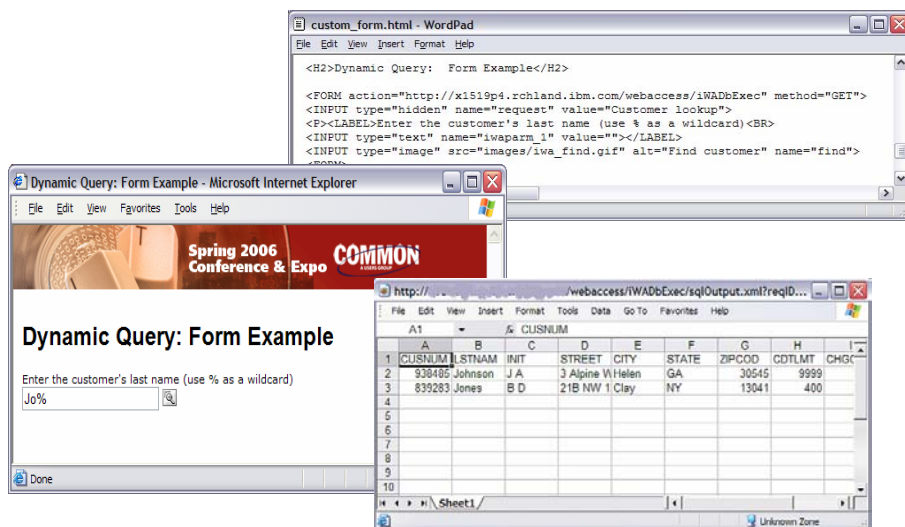
The screenshot shows a web browser window titled "Ready to buy" with a form for selecting products. A red circle highlights the input field for "Enter your system's model number (e.g. 3647-20U) to find its accessories".

Dynamic Query: Form Example (cont.)

- Enter SQL statement with parameter markers directly into Run SQL
- Save the request
- Design your own form and add it to your existing web pages

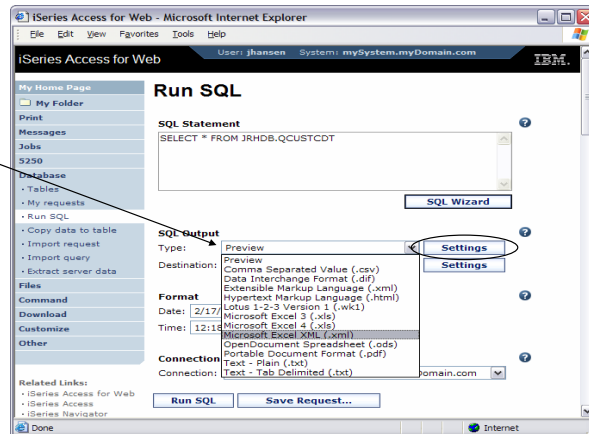


Dynamic Query: Form Example (cont.)



Run SQL: Output Types

- Statement results may be returned in one of many different output types
- Some output types have additional settings



SQL Output Types

Type	Description	Applications	Notes
Preview	HTML paged-table list format	Browser	Cannot mail or send to folder, can limit number of rows returned, *note
Hyper Text Markup Language (*.html)	Format commonly used by internet browsers	Browser	Formatting preserved if imported into Excel, *note
Microsoft Excel 3 Microsoft Excel 4 (*.xls)	Binary Interchange File Format	Microsoft Excel 3 and later	Returns up to 16384 rows, can be used with newer versions of Excel
Microsoft Excel XML	New format supported by MS Office XP and newer	Any Microsoft product that can read MS XML files	Supports multiple sheets of data, with each sheet holding 65535 rows of data, *note
Portable Document Format (*.pdf)	Printer-friendly format	Adobe Acrobat	Preserves all fonts, formatting, graphics, and color, *note

*note = supports Unicode data

SQL Output Types (cont.)

Type	Description	Applications	Notes
OpenDocument Spreadsheet (*.ods)	XML spreadsheet format used by office applications such as	OpenOffice.org	Supports multiple sheets of data, with each sheet holding 65535 rows of data, *note
Lotus 1-2-3 Version 1 (*.wk1)	Format used by Lotus 1-2-3 Version 1	Lotus 1-2-3 Version 1 and later	Returns up to 8192 rows, can be used with newer versions of Lotus 1-2-3
Data Interchange Format (*.dif)	Format that represents data in rows and columns	Used for data interchange between spreadsheet programs and other applications	The original Lotus 1-2-3 format!

*note = supports Unicode data

SQL Output Types (cont.)

Type	Description	Applications	Notes
Comma Separated Value (*.csv)	Text format where fields are separated by commas	Supported by a wide variety of applications including Excel and 1-2-3	Numbers of rows returned not limited
Text - Plain (*.txt)	Plain text format for editing, displaying and printing	Text editors	No separator characters placed between the fields of data
Text – Tab Delimited (*.txt)	Text format where fields are separated by tab characters	Any application that processes text	Alternative to CSV if numeric data contains commas
Extensible Markup Language (*.xml)	Universal format for structured documents and data on the Web	XML parsers, newer versions of IE and Netscape browsers	*note

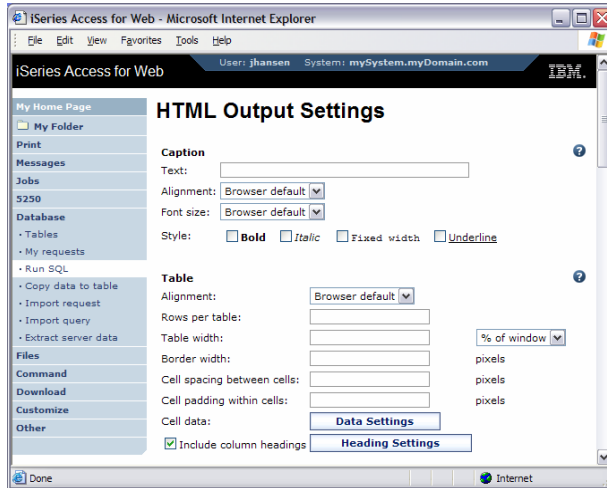
*note = supports Unicode data

SQL Output Types

HTML Output Settings

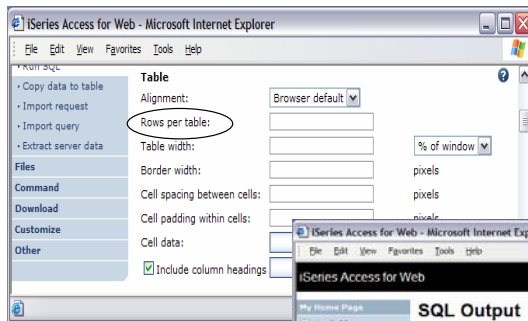
Many settings for:

- Caption
- Table
- Cell data

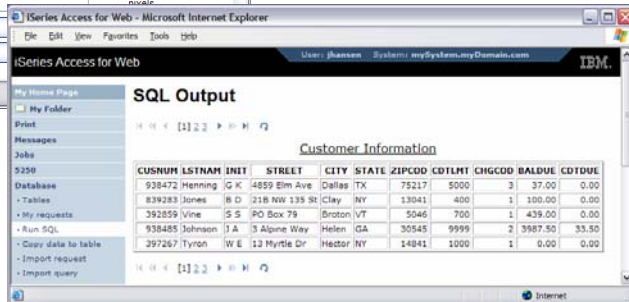


HTML Output Type

Displaying output in a paged list



Specify a value for 'Rows per table' to limit the number of rows displayed on a page



HTML Output Type

Contrasting other layouts

http://...webaccess/iWADBExec/sqlOutput.htm

Customer Information

CUSNUM	LSTNAM	INIT	STREET	CITY	STATE	ZIPCOD
938472	Henning	G K	4859 Elm Ave	Dallas	TX	75217
839283	Jones	B D	21B NW 135 St	Clay	NY	13041
392859	Vine	S S	PO Box 79	Broton	VT	5046
938485	Johnson	J A	3 Alpine Way	Helen	GA	30545
397267	Tyron	W E	13 Myrtle Dr	Hector	NY	14841
389572	Stevens	K L	208 Snow Pass	Denver	CO	80226
846283	Alison	J S	787 Lake Dr	Isle	MN	56342
475938	Doe	J W	59 Archer Rd	Sutter	CA	95685
693829	Thomas	A N	3 Dove Circle	Casner	WY	82609

If you do not specify a value for 'Rows per table', all results are returned in a single page

Preview output type displays a limited number of rows per page, but you can't customize how the list is displayed

iSeries Access for Web - Microsoft Internet Explorer

iSeries Access for Web User: jhansen System:

SQL Output

CUSNUM	LSTNAM	INIT	STREET	CITY	STATE	ZIP
938472	Henning	G K	4859 Elm Ave	Dallas	TX	75217
839283	Jones	B D	21B NW 135 St	Clay	NY	13041
392859	Vine	S S	PO Box 79	Broton	VT	5046
938485	Johnson	J A	3 Alpine Way	Helen	GA	30545
397267	Tyron	W E	13 Myrtle Dr	Hector	NY	14841

HTML Output Type

- A template file can be used to display custom content before and after the statement results
- The template file must exist in the i5/OS integrated file system

iSeries Access for Web - Microsoft Internet Explorer

Template

File: /boats/homepage/accesswater.html

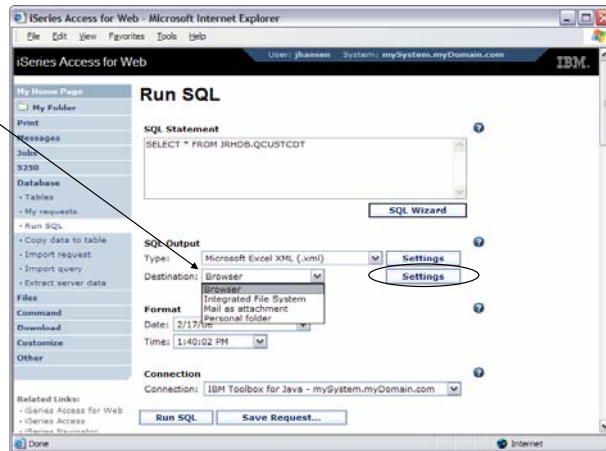
Tag: %<div data-bbox="345 700 750 872" data-label="Table">

Access for Water

BNAME	BFEET	BYEAR	BCOST	BNT01
Mako Sportfisher	19	1989	13000	-Located in Anacortes, WA.
Monk Bridge-deck Cruiser	36	1956	19900	-Built of mahogany, oak, and cedar.
Carver Santa Cruz	28	1978	23900	-Constructed of fiberglass.

Run SQL: Output Destinations

- Statement results may be directed to one of four different destinations
- Some destinations have additional settings

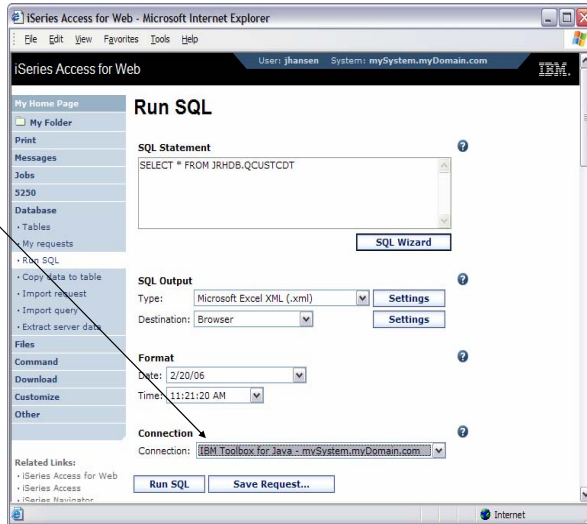


SQL Output Destinations

- Browser
 - Allows viewing of results immediately after query completes
 - Ties up browser session until query completes
- Integrated File System
 - SQL statement executes in the background; control returned to the browser session
 - Results of SQL statement available to all users with access to the i5/OS integrated file system
- Mail as attachment
 - SQL statement executes in the background; control returned to the browser session
 - Can send results to people that are not iSeries Access for Web users
- Personal folder
 - SQL statement executes in the background; control returned to the browser session
 - People receiving results must be iSeries Access for Web users

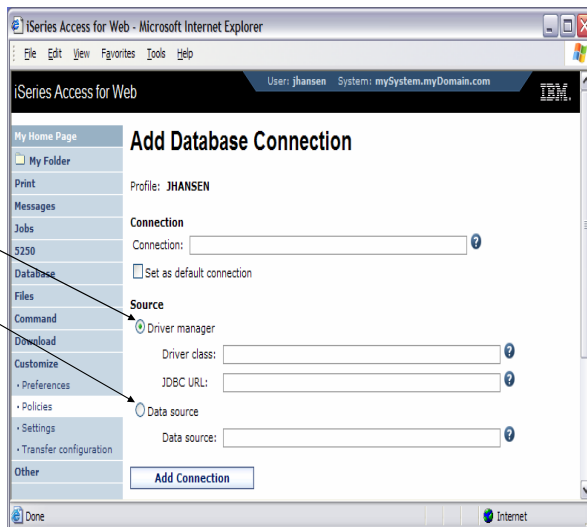
Run SQL: Database Connections

- A Database connection defines characteristics of the JDBC connection to the database
 - Target database
 - JDBC driver
 - Other attributes
- Additional database connections are created using Customize



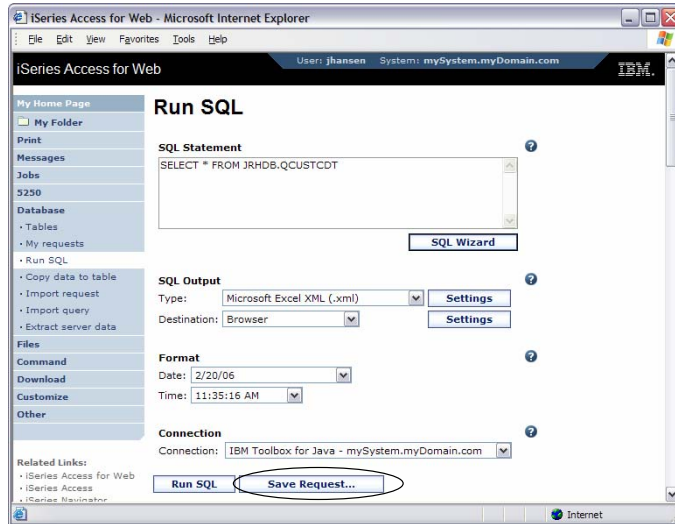
Adding Database Connections

- Two types of database connection definitions are supported
 - Driver manager
 - Data source
- Data sources are managed by WebSphere® and can be used by other applications



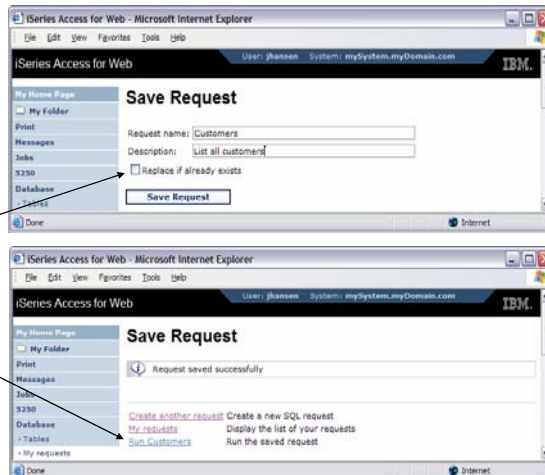
Run SQL: Save Request

- SQL statements (along with output, format, and connection information) can be saved for later use



Run SQL: Saving an SQL Request

- Provide name and optional description
- Can replace an existing request
- Request can be run after it is saved



My Requests

- Work with requests you have created
- Create shortcuts so other users can access your requests
- Work with shortcuts for which you have access

The screenshot shows the 'My Requests' page in a web browser. The page has a left-hand navigation menu and a main content area. The main content area contains a table of requests and a section for managing shortcuts.

Request	Description	Action	Shortcut	Created By	Access
All customers	Find names and addresses	[Icons]	No	jhansen	jhansen
Balance due	Query customers with balance due condition	[Icons]	No	jhansen	jhansen
Customers	List all customers	[Icons]	No	jhansen	jhansen
Shortcut to All customers	Find names and addresses	[Icons]	Yes	jhansen	*PUBLIC

Below the table, there is a section titled 'Shortcuts to requests you created' with a link 'Shortcuts to requests you created'. A callout box points to this section with the text 'Manage shortcuts you created'.

Understanding Shortcuts

- Requests can only be accessed by the user that created them
 - Based on user profile
- A shortcut is a way to share a request with other users
 - Reference to the original request
- When you create a shortcut you specify who can access it
 - A specific user or users (user profiles)
 - A group of users (group profiles)
 - All users (*PUBLIC)

Shortcut Behavior

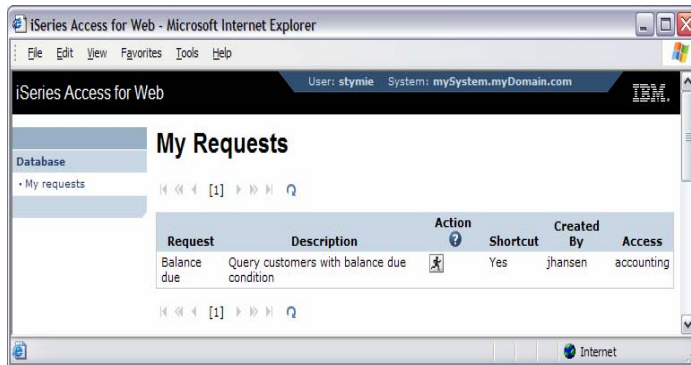
- The settings of the request referenced by a shortcut can only be modified by the shortcut creator
- Changes made to the request referenced by the shortcut are automatically reflected when the shortcut is run
 - Note: This is not true for changes to the connection information since the connection information is stored as part of the shortcut

Shortcut Example

- Database administrator has access to all database functions
- *PUBLIC only has access to run requests
- Database administrator creates three database requests:
 - “Past due accounts”
 - “Low inventory”
 - “New orders”
- Database administrator creates three shortcuts:
 - To “Past due accounts” Access: ACCOUNTING
 - To “Low inventory” Access: PURCHASING
 - To “New orders” Access: SHIPPING

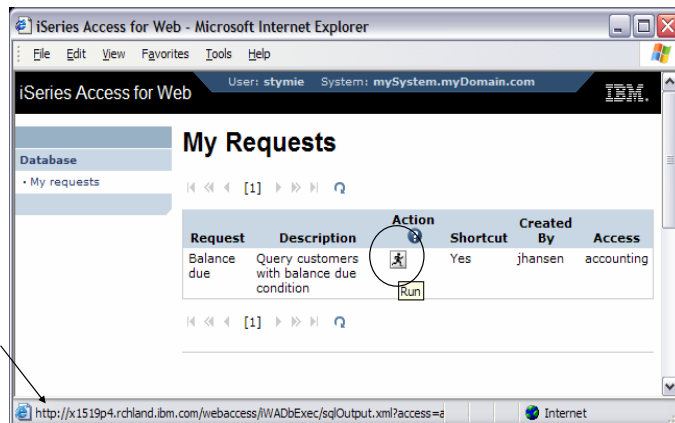
Shortcut Example (cont.)

- Database administrator is the only one able to create and modify requests
- Users can only run requests needed to do their jobs.



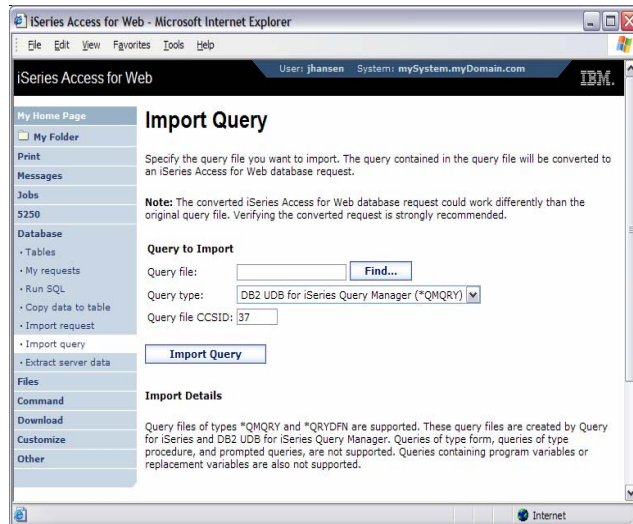
Shortcut Example (cont.)

- The URL for the Run action can be bookmarked or copied and used as a link on a web page



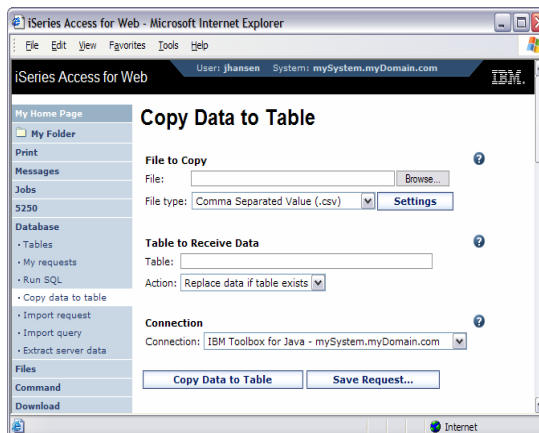
Import Query

- Import query definition files or Query Manager files
- Only the SQL statement is imported
- Further customization of the connection or request may be necessary



Copy Data to Table

- Copy data from your workstation to a table
- Create a new table or replace data in an existing table
- Can view and change the table definition if creating a new table



Copy Data to Table: Notes and Restrictions

- Data within a column needs to be the same type. A column that contains numeric data should only contain numeric data.
- Only the first sheet of data is supported when using Microsoft Excel and Lotus spreadsheets
- Date/Time columns must be in a string format. Excel and Lotus date and time formats are not supported.
- Not all file types supported by Run SQL can be used for Copy Data To Table
- A saved Copy Data to Table request will always ask you to enter the name of the workstation file from which to copy the data. This is done to protect your workstation data.

Import Request

- Import your existing iSeries Access for Windows and Client Access Data Transfer requests into iSeries Access for Web

The screenshot shows a web browser window titled "iSeries Access for Web - Microsoft Internet Explorer". The address bar shows "User: jhansen System: mySystem.myDomain.com". The page content includes a sidebar with navigation links like "My Home Page", "My Folder", "Print", "Messages", "Jobs", "5250", "Database", "Tables", "My requests", "Run SQL", "Copy data to table", "Import request", "Import query", and "Extract server data". The main content area is titled "Import Client Access Data Transfer Request" and contains the following text:

Specify the Client Access Data Transfer request you want to import. The request will be converted to an iSeries Access for Web request.

Note: The converted iSeries Access for Web request could work differently than the Client Access request. Verifying the converted request is strongly recommended.

Request to Import

Client Access request:

Character set:

Importing Data Transfer Requests

iSeries Access for Windows, Client Access Express, and Client Access Data Transfer request profiles may be imported into iSeries Access for Web

Data Transfer From i5/OS

- .TTO and .DTF request files supported by iSeries Access for Web
- iSeries Access for Web tries to do a "best fit" match for options in the transfer request file when converting them to an SQL select statement

Data Transfer To i5/OS

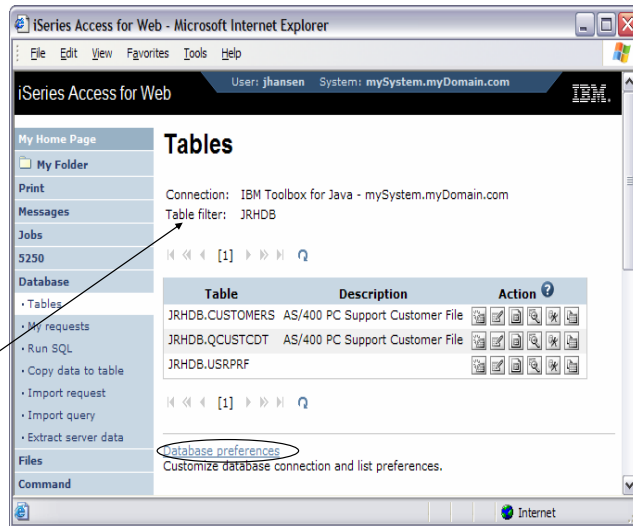
- .TFR and .DTT request files supported by iSeries Access for Web
- iSeries Access for Web tries to do a "best fit" match for options in the transfer request when converting them to an upload request

Import Request: Restrictions

- Some file types supported by Data Transfer are not supported by iSeries Access for Web.
 - In some cases the file type is mapped to a supported type.
 - If the file type cannot be mapped to a supported type, the import will fail.
- Some Data Transfer output options are not supported by iSeries Access for Web.
 - Unsupported options are ignored.
 - Example: A Data Transfer request to a printer
- iSeries Access for Web only provides access to the default member of a file (table).
- iSeries Access for Web does not differentiate between source physical and data physical files.
 - SRCSEQ and SRCDAT columns are never stripped on queries and never added on copies.
- Some Data Transfer download requests cannot be modified by the SQL Wizard.
 - Use Run SQL to modify the statement.
- iSeries Access for Web determines the encoding of client files based on the Data Transfer translate option and the browser settings. If the resulting encoding is not correct, you need to set the value on the Import page.

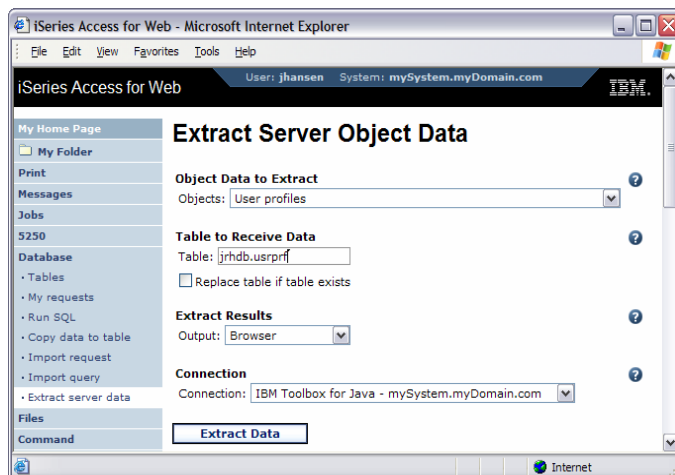
Tables

- View, find, update, insert, and delete table records
- Links to Run SQL and Copy Data to Table
- Table filter to control the tables displayed in the list



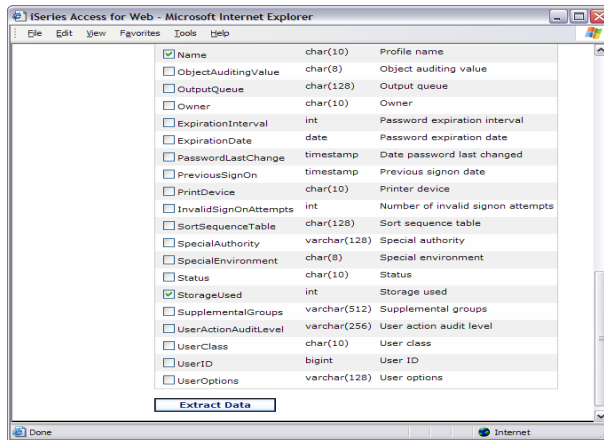
Extract Server Data

- Extract i5/OS object information into a database table
- Use Run SQL or Tables to retrieve relevant data



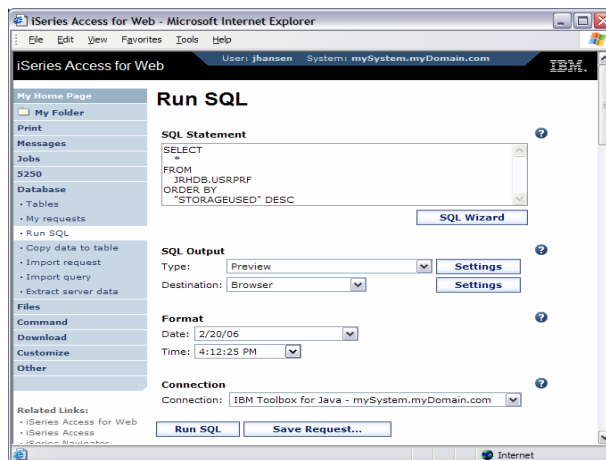
Extract Server Data (cont.)

- Choose which information is extracted
- Different information can be extracted for different object types



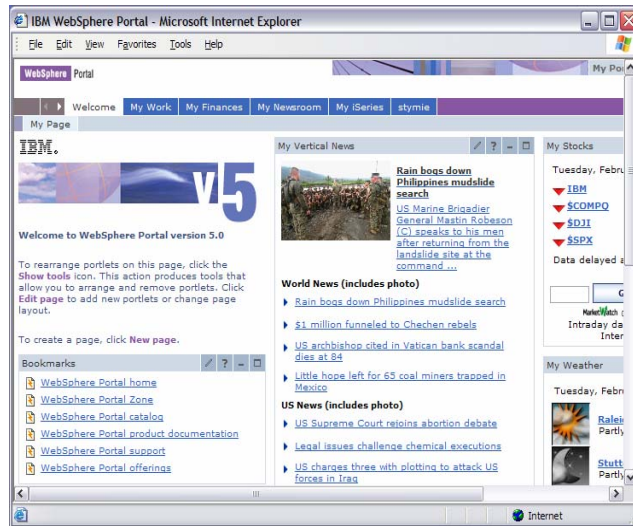
Extract Server Data (cont.)

- All the features of Run SQL and the SQL Wizard can be used to mine information from the extracted data



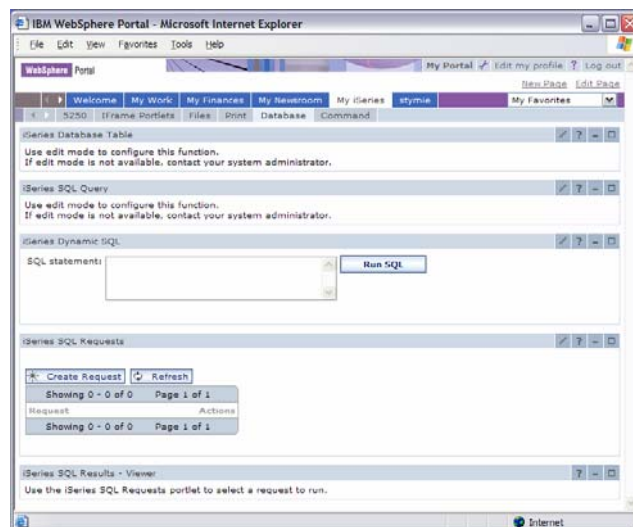
Portal

- Portal provides a single point of personalized interaction with applications, content, processes and people
- Integrate data and applications from various sources into one user experience



Portal Application

- iSeries Access for Web portlets integrate access to i5/OS resources in a portal environment
- Function is similar to the web application



Database Table

- View records in a database table
- Insert, update and delete table records

Actions	CUSNUM	LSNAM	INT	STREET	CITY	STATE	ZIPCOD	EDIME	ENGCOD	BALDIE	EDTIME
	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	3887.50	33.50
	597267	Tyron	W E	13 Myrtle Dr	Hector	NY	14041	1000	1	0.00	0.00
	309572	Stevens	K L	200 Snow Pass	Denver	CO	80226	400	1	50.75	1.50
	846203	Allison	J S	787 Lake Dr	Isle	MN	56342	5000	3	10.00	0.00
	475930	Doe	J W	59 Archer Rd	Gutter	CA	95695	700	2	250.00	100.00
	893929	Thomas	A N	3 Dove Circle	Casper	WY	82609	9999	2	0.00	0.00
	593029	Williams	E D	485 SE 2 Ave	Dallas	TX	75218	200	1	25.00	0.00

Database Table: Customizing

- Configure a filter to limit the records displayed in the list
- Deny access to any of the actions
- Customize view for adding or updating records

Slot name: deployment.keystore

Use authenticated WebSphere credential

General

Window title:

List size:

Show server

Show user

Table

Table:

Maximum rows:

Filter:

Record Actions

Add

Update

Delete

Database Table: Add Record

- Default view
- Custom view

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Dynamic SQL

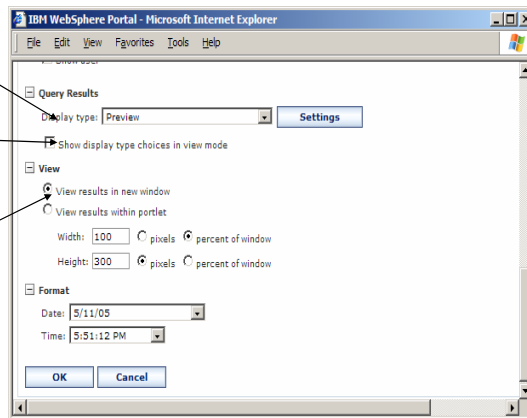
- Run an SQL statement and display the results
- SQL statement must be entered manually

NUMBER	NAME	DESCRIPTION	QUANTITY	PRICE	REORDERQTY
1054922	Oil filter-41LM	Filter for McLaren F1 LM	24	99.90	20.00
1054925	Oil filter-41FT	Filter for Ferrari Testarosa	18	79.90	20.00
1054928	Oil filter-41CV	Filter for Chevrolet Corvette Z06	5	29.90	20.00

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Dynamic SQL: Customizing

- Multiple display types supported
- Display type can be chosen when statement is run
- Results can be displayed in portlet window or new window (choose new window if results need to be saved)



SQL Query

- Display results of an SQL query statement

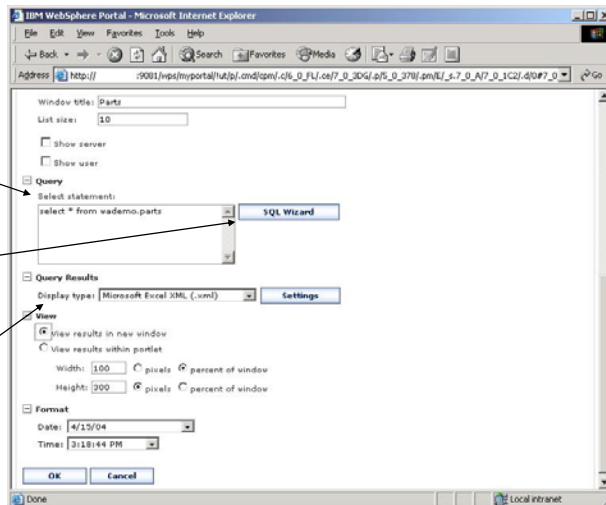
The screenshot shows the 'iSeries SQL Query' results page with a table of data:

NUMBER	NAME	DESCRIPTION	QUANTITY	PRICE	REORDERQTY
1054922	Oil filter-41LM	Filter for McClaren F1 LM	24	99.90	20.00
1054925	Oil filter-41FT	Filter for Ferrari Testarossa	18	79.90	20.00
1054928	Oil filter-41CV	Filter for Chevrolet Corvette Z06	5	29.90	20.00

Page navigation: Showing 1 - 3 of 3, Page 1 of 1, Jump to page: 1

SQL Query: Customizing

- Only query statements can be specified
- Full SQL Wizard support, including dynamic queries
- Supports same display types as Dynamic SQL



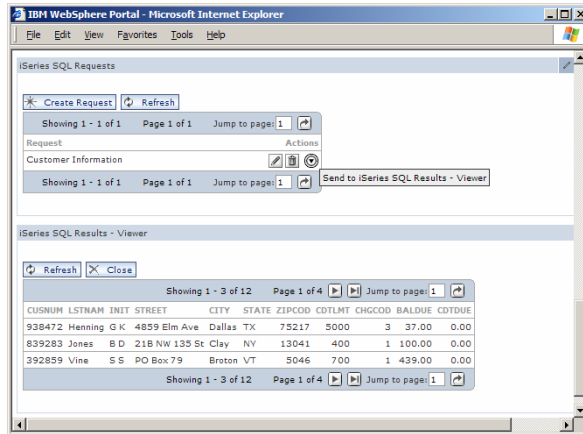
SQL Query: Tailored view

NUMBER	NAME	DESCRIPTION	QUANTITY	PRICE	REORDERQTY
2	1054928	Oil filter-41CV	5	29.9	20
3	1054925	Oil filter-41FT	18	79.9	20

- Dynamic query built using SQL wizard
- Results displayed in separate window
- Excel XML used as display type

Saved Requests

- Can be shared with other users
- Stored in back-end database, not with portlet
- Sent to viewer to run



Additional Information

- Product web site
 - URL: <http://www.ibm.com/eserver/iseries/access/web/>
 - Latest information, articles, FAQs, fix information
- Information Center, Version 5 Release 4
 - URL: <http://www.ibm.com/eserver/iseries/infocenter/>
 - Connecting to System i, iSeries Access, iSeries Access for Web
- Product help
 - Available on iSeries Access for Web pages

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