



IBM System i™

Session: 420016

Agenda key: 44MN

## System i Access for Web

# Build a Home Page to i5/OS Using System i Access for Web

<http://www.ibm.com/eserver/iserries/access/web/>

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*i want stress-free IT.*




*i want control.*

*i want an **i**.*

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# System i Access for Web Sessions/LABs

22CC	409136		Get to the Web Fast with System i Access for Web
25LA	520027		LAB: Getting Started with System i Access for Web
32MI	409160		Database Access with System i Access for Web
33MI	500121		System i Access for Web – Security Considerations
35MI	410068		System i Access for Web – Setup and Configuration
36MF	440281		Run 5250 through a Browser using System i Access for Web
41LA	450047		LAB: System i Access for Web: Installation and Configuration
42LA	450047		LAB: System i Access for Web: Installation and Configuration
44MN	420016		Build a Home Page to i5/OS using System i Access for Web
45MN	420015		Tips and Techniques for System i Access for Web
53LA	420063		LAB: Test Drive System i Access for Web
55MM	470021		System i Access for Web runs in a Portal
56MM	480144		Programming with System i Access for Web



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

# Try out System i 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><b>User ID = WUSER</b></p> <p><b>Password = DEMO2PWD</b></p>	<p><b>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 i5/OS, then start an RPG application called BOATS and run it.</b></p>
<p><b>User ID = BOATADMIN</b></p> <p><b>Password = DEMO2PWD</b></p>	<p><b>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..</b></p>

# Agenda

- System i Access for Web Overview
- Test Drive System i Access for Web
- How does System i Access for Web allow you to build a home page to i5/OS system
  - Home page
  - Template
  - Cascading Style Sheet (CSS)
- Why build a home page to your i5/OS system
- Home/Template/CSS page structure and flow
- How to build a home page to your i5/OS system
- Where to find additional information
- Detailed example of building a home page through System i Access for Web
  - Take home and try it for yourself
  - Based on HTML/Template/CSS provided by System i Access for Web

# System i Access for Web Overview

System i Access for Web is software that runs on i5/OS. It provides access to various i5/OS resources through a browser and provides a user-centric, web-based view of i5/OS applications and information. No software is required to be installed on the workstation, other than a web browser.

System i Access for Web functions include:

- *Print* - printer output viewing, printers, shared printers, and output queues
- *Messages* - user messages, message queues, send messages
- *Jobs* - work with jobs and server jobs
- *5250* user interface
- *Database* - run SQL statements, work with tables, upload data, manage frequently run requests, extract server object information
- *Files* - work with files in the i5/OS integrated file system or within NetServer file shares, upload files to the integrated file system or a NetServer share.
- *Command* - run iSeries commands from the browser.
- *Download* – manage file/software distribution
- ***Customize*** – configure settings and restrict usage of the functions of the product.



# How to build a home page to i5/OS

- A default HTML home page is displayed when the iWAHome servlet is invoked.
  - `http://<mySystem.myCompany.com>/webaccess/iWAHome`
  - It's a starting point to highlight functions.
  - It's an example of how to build your own home page or pages that access System i Access for Web functionality.
- A default HTML template is used to display functional pages of System i Access for Web
- To build a home page to i5/OS...
  - Override the default home page HTML
  - Override the default template HTML
  - Override the default CSS
  - For a specific user, group of users, or all users of the i5/OS system
  - Use the System i Access for Web Customization interface to override

# Home Page

Homepage

File Edit View Go Bookmarks Tools Help

http://myiSeries.myCompany.com/webaccess/iWAHome

User: dlb

## iSeries Access for Web

### My Home Page

- My Folder
- Print
- Messages
- Jobs
- 5250
- Database
- Files
- Command
- Download
- Customize
- Other

## Welcome to iSeries Access for Web

### Getting Started

#### My Information

- [My Folder](#)
- [Printer output](#)
- [Display messages](#)
- [Start a 5250 session](#)
- [Database requests](#)
- [Browse files](#)
- [Preferences](#)

#### My View

- See [Customizing iSeries Access for 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](#)

### What is iSeries Access for Web

A new generation of software that enables you to access your iSeries server information and resources through a web browser!

#### Browser Access to iSeries Server Information

The Internet movement has taken over, and businesses are quickly moving to embrace new technologies through e-business. Since most desktop operating systems come with web browsers, users want an easy way to work with their business-critical i5/OS information and resources through the simple browser user interface that has been designed to be Internet-friendly. Users also are looking for hassle-free access through firewalls. They want access from a variety of platforms, and want no special client code that has to be installed and maintained on their desktop.

#### Easy Administration

i5/OS administrators are looking for ways to streamline management of user access to information in the enterprise through centrally controlled administration built around i5/OS user profiles. Additionally, administrators want to customize a user's view of the iSeries server, so those not familiar with i5/OS

#### Rochester information

- [City information](#)
- [Movies](#)
- [Mayo Clinic](#)

#### Rochester weather

28 F

- [SkyCam](#)

#### Rochester news

- [Post-Bulletin online](#)
- [KTTC](#)

#### Telephone directory

- [Find a person](#)
- [Find a business](#)

#### Related Links:

- [iSeries Access for Web](#)
- [iSeries Access](#)
- [iSeries Navigator](#)
- [iSeries Information Center](#)
- [iSeries Resource Library](#)



# Functional Look

Printer Output

File Edit View Go Bookmarks Tools Help

http://myiSeries.myCompany.com/webaccess/iWASpool

User: dlb

### iSeries Access for Web

**My Home Page**

- My Folder
- Print
  - Printer output
  - PDF printer output
  - Printers
  - PDF printers
  - Internet printers
  - Internet printer shares
  - Printer shares
  - Output queues
- Messages
- Jobs
- 5250
- Database
- Files
- Command
- Download
- Customize
- Other

**Related Links:**

- iSeries Access for Web
- iSeries Access
- iSeries Navigator

### Printer Output for dlb

[1] 2

File Name	User Data	Creation Date/Time	Pages Per Copy	Copies	Status	Action	User	Job Name	Job Number	File Number	Out
QPJOBLOG	IMBLDJAVA	7/30/04 8:14 AM	3	1	Ready	...	DLB	IMBLDJAVA	198284	1	<a href="#">\$BLDJA</a>
QPRINT		10/10/05 11:59 AM	1	1	Ready	...	DLB	QIIASRV	413821	1	<a href="#">QUSRS</a>
QPRINT		10/10/05 11:59 AM	1	1	Ready	...	DLB	QIIASRV	413837	1	<a href="#">QUSRS</a>
QPRINT		10/10/05 11:59 AM	1	1	Ready	...	DLB	QIIASRV	413827	1	<a href="#">QUSRS</a>
QPRINT		10/14/05 9:42 AM	1	1	Ready	...	DLB	QIIASRV	417733	1	<a href="#">QUSRS</a>
QPJOBLOG	QPADEV000G	1/11/06 7:15 AM	3	1	Ready	...	DLB	QPADEV000G	530816	1	<a href="#">QUSRS</a>
QPJOBLOG	QPADEV000G	1/11/06 10:34 AM	2	1	Ready	...	DLB	QPADEV000G	530882	1	<a href="#">QUSRS</a>
QPRINT		1/18/06 6:55 AM	1	1	Ready	...	DLB	QPRTJOB	546623	1	<a href="#">QUSRS</a>
QPRINT		1/18/06 6:55 AM	1	1	Ready	...	DLB	QPRTJOB	546623	2	<a href="#">QUSRS</a>
QPRINT		1/18/06 6:57 AM	1	1	Ready	...	DLB	QPRTJOB	546623	3	<a href="#">QUSRS</a>
QPRINT		1/18/06 6:58 AM	1	1	Ready	...	DLB	QPRTJOB	546623	4	<a href="#">QUSRS</a>
QPJOBLOG	QPADEV000G	1/24/06 6:29 AM	2	1	Ready	...	DLB	QPADEV000G	553698	1	<a href="#">QUSRS</a>
QPJOBLOG	QPADEV000G	1/24/06 7:22 AM	3	1	Ready	...	DLB	QPADEV000G	553711	1	<a href="#">QUSRS</a>



# Template file customization

- System i Access for Web has a default look for its functional pages.
  - This look is controlled by a template file and cascading style sheet.
- The template file has sections to specify
  - Header/footer areas of functional pages.
  - Where System i Access for Web content is placed in the page.
- Default template file replacement can be done for all users (\*PUBLIC), or can be changed only for certain users and/or groups of users.

# Special tags

- Within the home page and template .html files, special tags are used.
  - When these tags are encountered by the System i Access for Web code, they are replaced with the appropriate content.

- **Special tags...**

- %%CONTENT%%
- %%include section=file%%
- %%MENU%%
- %%STYLESHEET%%
- %%STYLESHEET\_CLASSIC\_COLORS%%
- %%TITLE%%
- %%SYSTEM%%
- %%USER%%
- %%VERSION%%

## Replaced with...

functional content for the page, separates the header/footer

HTML section/fragment to include navigation bar

default style sheet

default style sheet prior to V5R4

title of the page

name of i5/OS system being accessed

i5/OS user profile used to access the server

version of System i Access for Web

- For detailed information on these special tags

- V5R4 System i Access for Web Info Center
  - Connecting to iSeries->iSeries Access->iSeries Access for Web->iSeries Access for Web in a web application sever environment->Customize iSeries Access for Web->Default page content->Home page
- System i Access for Web lab 420063 has an exercise on customizing the home page.
- Detailed information later in this presentation.

# Customization settings

- The Customize function allows you to replace the default home page and template.
- Default home page replacement can be done for all users (\*PUBLIC), or can be changed for only certain users and/or groups of users
- The Customize function allows you to override the...
  - **Home page**
  - **Template**
  - Main page
  - Allow/Deny access to Home page, and Template
  - Allow/Deny/Show/Hide the navigation bar
  - Display images vs. text links
  - Default rows per page
  - Preferred language
  - etc.



# Customization settings (continued)

Browser window: Edit Policies - General [X1519P4.RCHLAND.IBM.COM] - Mozilla Firefox

Address bar: http://x1519p4.rchland.ibm.com:2016/webaccess/WACustomizeGeneral?profile=DLB

User: dlb System: X1519P4.RCHLAND.IBM.COM

iSeries Access for Web

**Edit Policies - General**

Profile: **DLB** ←

Policy	Derived From ?	Action ?	Setting
Home page HTML file	Shipped default	Use current setting	/QIBM/ProdData/Access/Web2/html/homepage.h... ←
Template HTML file	Shipped default	Use current setting	/QIBM/ProdData/Access/Web2/html/webaccess.h... ←
Main page HTML file	Shipped default	Use current setting	/QIBM/ProdData/Access/Web2/html/overview.htm <b>Browse...</b>
Home page	Shipped default	Use current setting	Allow
Template	Shipped default	Use current setting	Allow
Navigation	Shipped default	Use current setting	Allow
Related links	Shipped default	Use current setting	Allow
Navigation bar	Shipped default	Use current setting	Show
Display action links as images	Shipped default	Use current setting	Yes
Default rows per page	Shipped default	Use current setting	25
Default pages per set	Shipped default	Use current setting	10
Preferred language	Shipped default	Use current setting	None
Preferred character set	Shipped default	Use current setting	None

Left sidebar menu items: My Home Page, My Folder, Messages, Jobs, 5250, Database, Files, Command, Download, **Customize** (with red arrow), Preferences, Policies (with red arrow), Settings, Transfer configuration, Other, Related Links: iSeries Access for Web, iSeries Access, iSeries Navigator, iSeries Information Center, iSeries Resource Library.

# HomePage before – iWAHome servlet

Homepage

File Edit View Go Bookmarks Tools Help

http://myiSeries.myCompany.com/webaccess/iWAHome

User: dlb

## iSeries Access for Web

My Home Page

- My Folder
- Print
- Messages
- Jobs
- 5250
- Database
- Files
- Command
- Download
- Customize
- Other

Related Links:

- iSeries Access for Web
- iSeries Access
- iSeries Navigator
- iSeries Information Center
- iSeries Resource Library

## Welcome to iSeries Access for Web

### Getting Started

My Information	My View	Related Products
<ul style="list-style-type: none"> <li>My Folder</li> <li>Printer output</li> <li>Display messages</li> <li>Start a 5250 session</li> <li>Database requests</li> <li>Browse files</li> <li>Preferences</li> </ul>	<ul style="list-style-type: none"> <li>See <a href="#">Customizing iSeries Access for Web</a> 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!</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">WebSphere Application Server for iSeries</a></li> <li><a href="#">WebSphere Development Studio Client for iSeries</a></li> <li><a href="#">WebSphere Development Studio for iSeries</a></li> </ul>

### What is iSeries Access for Web

A new generation of software that enables you to access your iSeries server information and resources through a web browser!

#### Browser Access to iSeries Server Information

The Internet movement has taken over, and businesses are quickly moving to embrace new technologies through e-business. Since most desktop operating systems come with web browsers, users want an easy way to work with their business-critical i5/OS information and resources through the simple browser user interface that has been designed to be Internet-friendly. Users also are looking for hassle-free access through firewalls. They want access from a variety of platforms, and want no special client code that has to be installed and maintained on their desktop.

#### Easy Administration

i5/OS administrators are looking for ways to streamline management of user access to information in the enterprise through centrally controlled administration built around i5/OS user profiles. Additionally, administrators want to customize a user's view of the iSeries server, so those not familiar with i5/OS operating environment can easily and productively work with its database and other resources.

#### Key Capabilities

iSeries Access for Web, a new member of the iSeries Access family of products, provides software that runs in a browser and provides a user-centric, web-based view of iSeries server information and resources. It provides key capabilities, such as:

- Browser access to existing 5250 applications without requiring code changes
- Easy access to DB2(R) Universal Database(TM) (UDB) for iSeries information through stored SQL requests
- A simple interface to work with information in the Integrated File System, including file download and view

### Rochester information

- City information
- Movies
- Mayo Clinic

### Rochester weather

10 F

- SkyCam

### Rochester news

- Post-Bulletin online
- KTTC

### Telephone directory

- Find a person
- Find a business

# HomePage after – iWAHome servlet

Homepage

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print Mail News RSS Bluetooth

Address http://myiSeries.myCompany.com/webaccess/iWAHome Go

User: commonuser

Spring 2006 Conference & Expo COMMON A USERS GROUP

## My Home Page

- My Folder
- Print
- Messages
- Jobs
- 5250
- Database
- Files
- Command
- Download
- Customize
- Other

## Welcome to iSeries Access for Web

### Getting Started

#### My Information

- My Folder
- Printer output
- Display messages
- Start a 5250 session
- Database requests
- Browse files
- Preferences

#### My View

- See [Customizing iSeries Access for 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

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- [WebSphere Development Studio Client for iSeries](#)
- [WebSphere Development Studio for iSeries](#)

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- A simple interface to work with information in the Integrated File System, including file download and view capabilities

Done Internet



# http://<system>/webaccess/iWAHome

- Related Links:
- iSeries Access for Web
  - iSeries Access
  - iSeries Navigator
  - iSeries Information Center
  - iSeries Resource Library

**What is iSeries Access for Web**  
 A new generation of software that enables you to access your iSeries browser!

**Browser Access to iSeries Server Information**  
 The Internet movement has taken over, and businesses are quickly embracing e-business. Since most desktop operating systems come with web browsers, users want an easy way to work with their business-critical i5/OS information and resources through the simple browser user interface that has been designed to be Internet-friendly. Users also are looking for hassle-free access through firewalls. They want access from a variety of platforms, and want no special client code that has to be installed and maintained on their desktop.

**Easy Administration**  
 i5/OS administrators are looking for ways to streamline management of user access to information in the enterprise through centrally controlled administration built around i5/OS user profiles. Additionally, administrators want to customize a user's view of the iSeries server, so those not familiar with i5/OS operating environment can easily and productively work with its database and other resources.

**Key Capabilities**  
 iSeries Access for Web, a new member of the iSeries Access family of products, provides software that runs in a browser and provides a user-centric, web-based view of iSeries server information and resources. It provides key capabilities, such as:

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- A simple interface to work with information in the Integrated File System, including file download and view capabilities



# HomePage after – iWAHome (another example)

Access for Water - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://<system>/webaccess/iWAHome

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*Access for Water*


Supplying quality boats since 2002

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### Services

- [View available boats](#)
- [See boat details](#)
- [Order a boat](#)

### This Week's Special



Beautifully maintained 28 foot 1978 Carver Santa Cruz for only \$23,900. Head and galley refurbished in 2001. Only 31 hours on completely rebuilt motor. Click [here](#) to see this boat cruising the seas.

### Site Support

Your comments are important to us. Please let us know if you have any questions or if we can help you in any way. Address your message to user BOATHELP. [Send us a message](#)

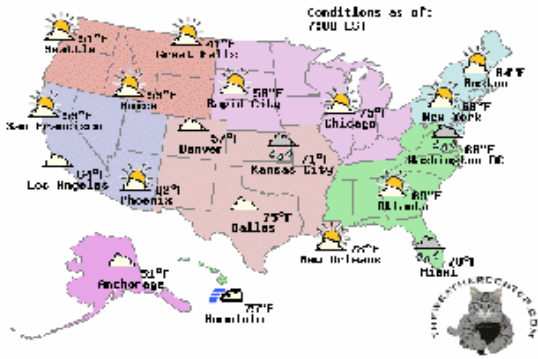
---

### Great Deals

For those bargain conscious among you, we have a large selection of new and slightly used boats for under \$75,000. Whether you are planning on sailing in your backyard pond or navigating the mighty Mississippi we can meet your wants, needs, or desires. [View our selection of modestly priced boats.](#)

### Weather Conditions

Is it a great day for boating? Check out today's forecast.



---

IBM
iSeries
Service

# Home Page/Template Customization Example (continued)

- Custom template

Quick View of BOATS.BOATS

File Edit View Favorites Tools Help

Back Search Favorites Media

**Access for Water** *Supplying quality boats since 2002*

[Home](#)

## Current Orders

◀◀◀ [1] 2 ▶▶▶

BTYPE	BNAME	BFEET	BYEAR	BCOST	BNT01	BNT02
C	Poole Boat Co Aluminum	80	1979	1000000	-Located in S. Diego, CA	-Twin Detroit diesels.
P	Carver Santa Cruz	28	1978	23900	-Constructed of fiberglass.	-Single Chevy 350 gas engine, 250 hp. Fresh water cooled,
P	Mako Sportfisher	19	1989	13000	-Located in Anacortes, WA.	-Great fishing boat
P	Monk Bridgedeck Cruiser	36	1956	19900	-Built of mahogany, oak, and cedar.	-The 130 hp power plant is a single, Chrysler cyl. diesel
P	Monk Flybridge/Sedan	34	1985	55000	-Double planked cedar on oak frames.	-The 165 hp power plant is a 1985 V6 Detroit diesel.
P	Monterey Marine Custom	80	1996	2975000	-Located in Stuart, FL	-Monthly payment.
S	Bill Garden Schooner	36	1953	27500	-The hull is 1/8' caravel cedar planked atop 1/4" x 1 1/2" oak frames	and the deck is cedar planked with tar sear

Done Internet



# Why build a home page to i5/OS

- Allows you to provide an integrated look/feel for your company
  - Internal
  - External
- Controls how your users access your i5/OS system(s)
- Controls what i5/OS resources your users access
- Allows you to group user access by the type of user and/or their job category
  - Providing unique look and feel vs. other users/groups of users
  - Tailor what functions are presented to a specific user/group of users
  - Predefine view to i5/OS resource so end users don't have to learn new interfaces when all they want is the data

# iWAHome - structure

<http://<system>/webaccess/iWAHome>

## Homepage file

common\_homepage.html

Defines content, layout, images, links to be displayed when the iWAHome servlet is invoked in the browser.

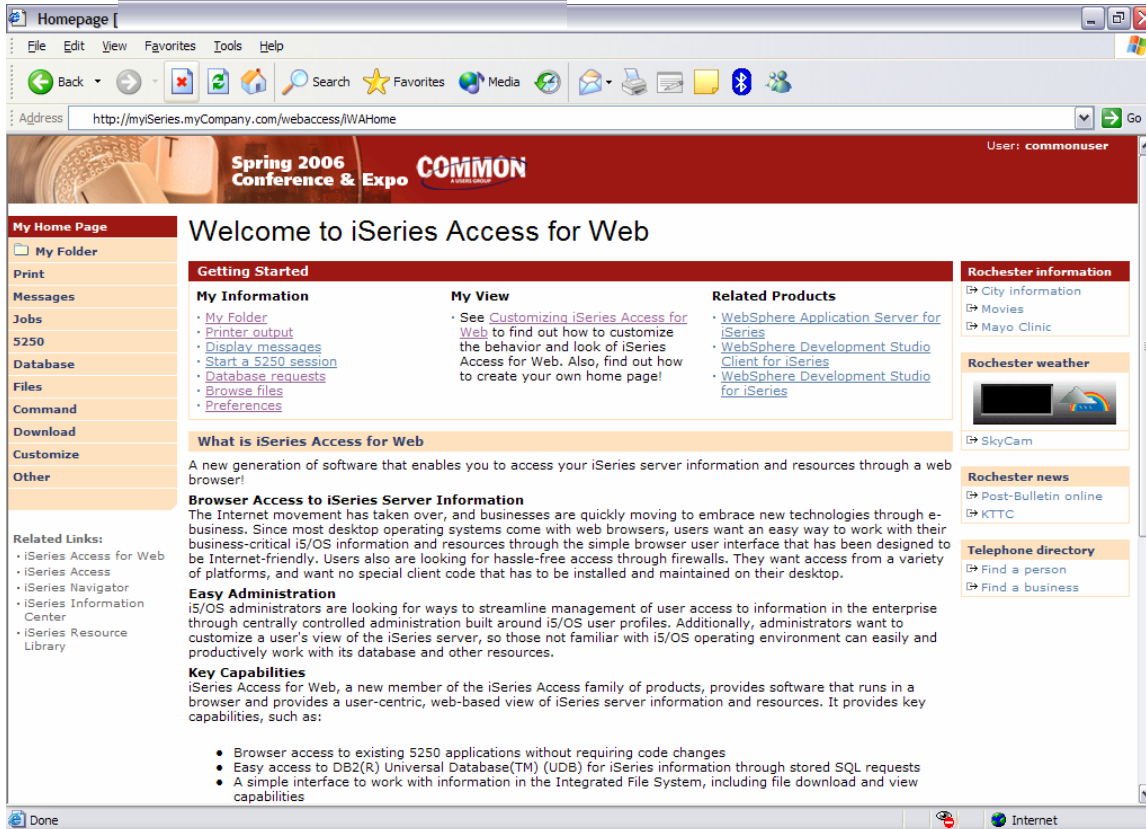
## Image files

images/s06common.gif  
images/iwa\_navCorner.gif

## Cascading Style Sheet file

common\_styles.css

Defines the colors, fonts, font sizes for the various elements in the .html files.



# iWA servlet Template - structure

<http://<system>/webaccess/iWASpool>

The screenshot shows a web browser window titled 'Printer Output'. The address bar contains 'http://myiSeries.myCompany.com/webaccess/iWASpool?page=1'. The page content includes a header for 'Spring 2006 Conference & Expo COMMON', a user profile for 'commonuser', and a table of printer jobs. Below the table, there are sections for 'Action Details' and 'Work With' instructions.

File Name	User Data	Creation Date/Time	Pages Per Copy	Copies	Status	Action	User	Job Name	Job Number	File Number	Output Queue
QPDSPAJB		2/13/06 12:42 PM	7	1	Ready	[Icons]	COMMONUSER	QPADEV000G	576522	1	QUSRSYS/PRT0
QPDSPSTS		2/13/06 12:42 PM	1	1	Ready	[Icons]	COMMONUSER	QPADEV000G	576522	2	QUSRSYS/PRT0

## Homepage file

common\_homepage.html

Defines content, layout, images, links to be displayed when the iWAHome servlet is invoked in the browser.

## Template file

common\_template.html

Defines the header, content, footer on all other servlet pages.

## Image files

images/s06common.gif  
images/iwa\_navCorner.gif

## Cascading Style Sheet file

common\_styles.css

Defines the colors, fonts, font sizes for the various elements in the .html files.



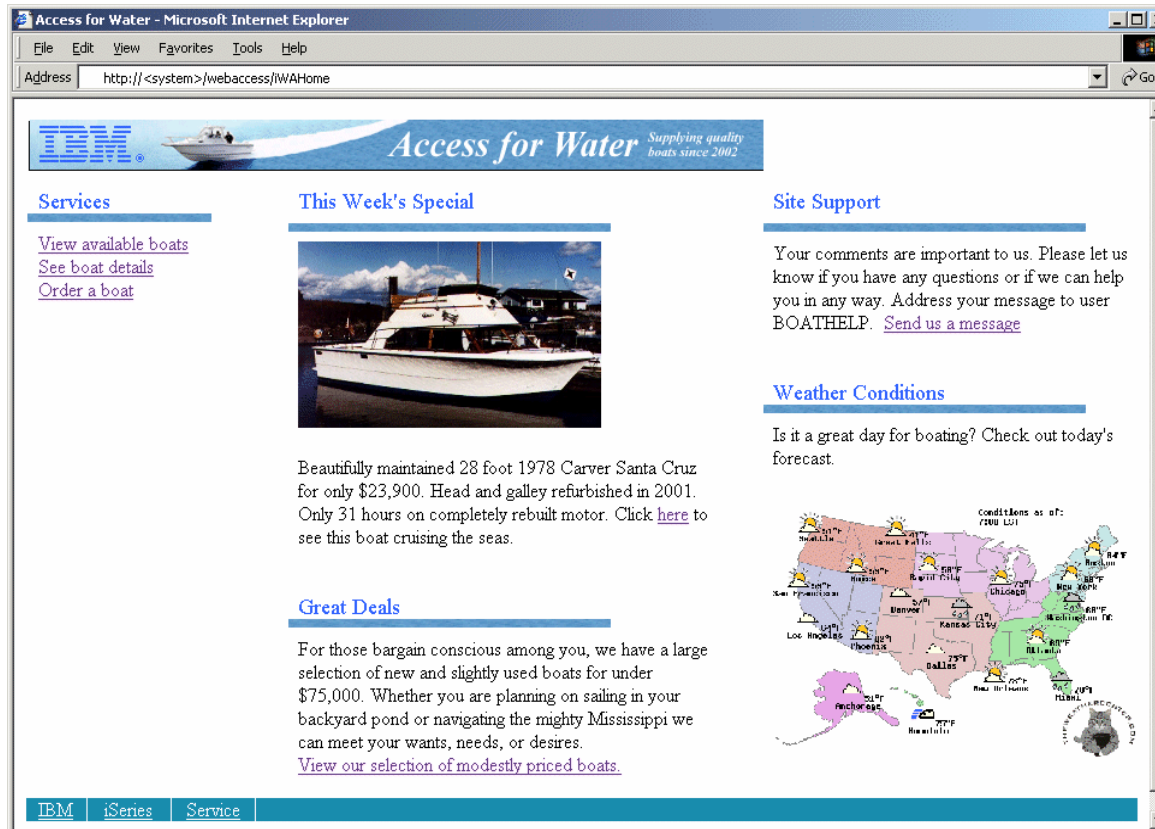
# Let's demonstrate how to build a home page to your i5/OS

# The formula for building a homepage to your i5/OS

1. Create a Home web page (an HTML document)
2. Setup System i Access for Web functions
3. Configure System i Access for Web homepage
4. Create/configure System i Access for Web template (an HTML document)

# Create a Home web page

- We are going to use Microsoft Word to create a web page (HTML document)
  - Header image, three columns, internal/external links



- Specifics

- Targeting user profile “THE\_BOSS” as the user of the web page
- Use tables to define where content is placed
- Content = text, hyperlinks, images, etc.
- Save the web page as “filtered” HTML = boat.htm

# Setup System i Access for Web functions

- Define System i Access for Web functions...tasks available from the web page
  - Query database inventory, results as HTML to browser
  - Setup access to invoices, spool file as PDF
  - i5/OS command line, use browser credentials
- Give THE\_BOSS user profile access to the actions above
- Setup hyperlinks on the home web page



# Configure System i Access for Web home page

- We are going to use Microsoft Word to create a home page (HTML document)
  - Header image, columns, multimedia, internal/external links
- Copy web page and associated files to i5/OS integrated file system
  - Use System i Access for Web Browse files
  - Create directory for HTML source file and images
  - Copy files from workstation to i5/OS
- Grant web app. server user profile authority to the directories/files
  - WebSphere App Server QEJBSVR \*RX
  - ASF Tomcat QTMHTTP \*RX
- Configure System i Access for Web to use web page files
  - Set policy for user THE\_BOSS to use the new Home web page
  - Policies -> General -> Home page HTML file = /boatdemo/boat.htm
  - Open new browser to [http://<sys\\_name>:<port>/webaccess/iWAHome](http://<sys_name>:<port>/webaccess/iWAHome)
    - User = THE\_BOSS

# iWAHome - structure

<http://<system>/webaccess/iWAHome>

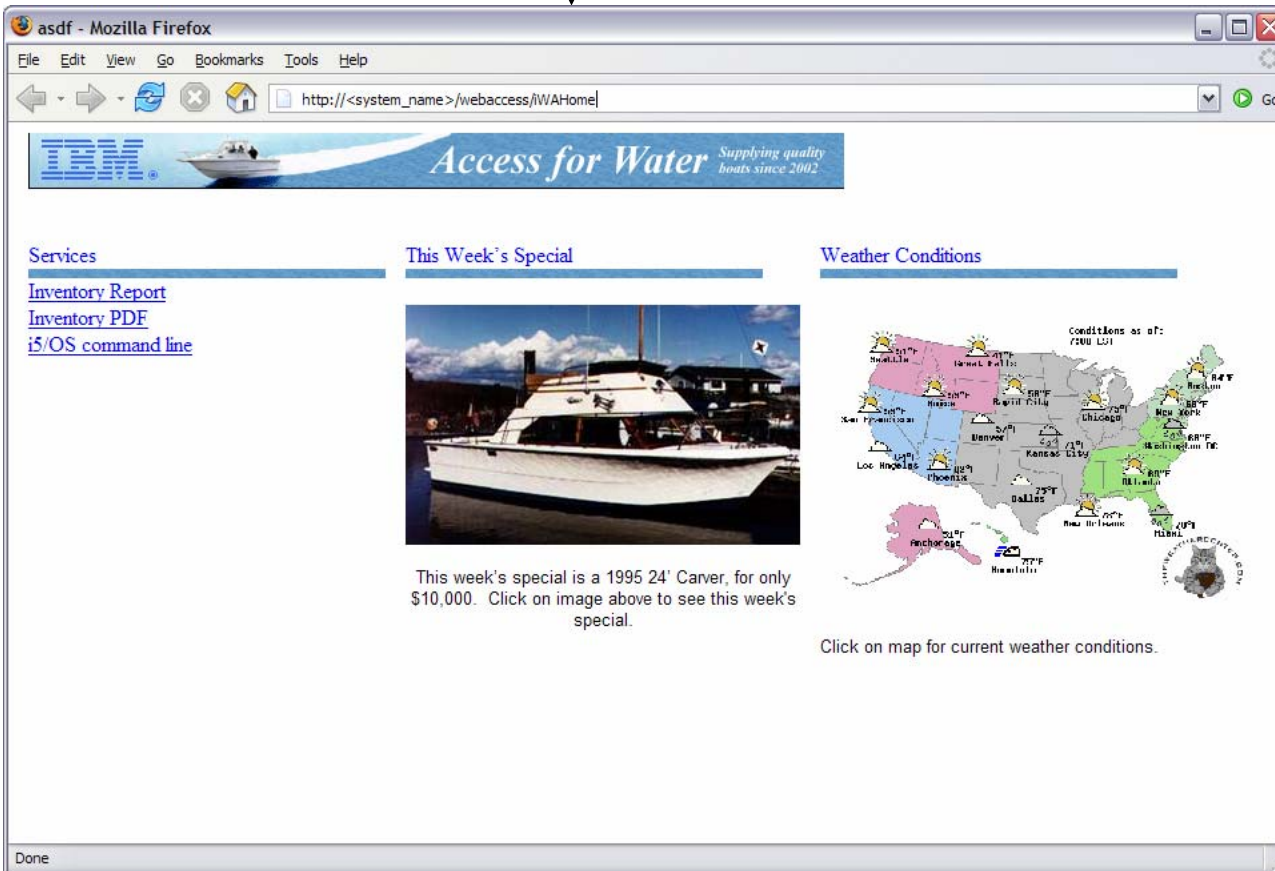
## Homepage file

/boatdemo/boat.htm

Defines content, layout, images, links to be displayed when the iWAHome servlet is invoked in the browser.

## Image files

/boatdemo/boat\_files/\*.gif  
/boatdemo/boat\_files/\*.jpg  
/boatdemo/boat\_files/\*.mpg



# Create/configure iSeries Access for Web template

- We are going to use Microsoft Word to create a web page template (HTML document)
  - Header image, content area, link back to Home page
- Specifics
  - Targeting user profile “THE\_BOSS” as the user of the web page template
  - Use a table to define where System i Access for Web content is placed
  - Special Tags
    - Content placed where special tag %%CONTENT%% is place.
    - Content formatted based on the default System i Access for Web cascading style sheet using special tag %%STYLESHEET%%
    - When these tags are encountered by the iSeries Access for Web code, they are replaced with the appropriate content
  - Save the web page as “filtered” HTML = boat\_template.htm
- For detailed information on these special tags, refer to the V5R4 System i Access for Web Info Center
  - Connecting to iSeries->iSeries Access->iSeries Access for Web->iSeries Access for Web in a web application sever environment->Customize iSeries Access for Web->Default page content->Home page

# iWA servlet Template - structure

<http://<system>/webaccess/iWADbView>

## Homepage file

/boatdemo/boat.htm

Defines content, layout, images, links to be displayed when the iWAHome servlet is invoked in the browser.

## Template file

/boatdemo/boat\_template.htm

Defines the header, content, footer on all other servlet pages.

## Image files

/boatdemo/boat\_template\_files/\*.gif

## Cascading Style Sheet file

/QIBM/ProdData/Access/Web2/html/iwa\_styles.css

Defines the colors, fonts, font sizes for the various elements in the .html files.

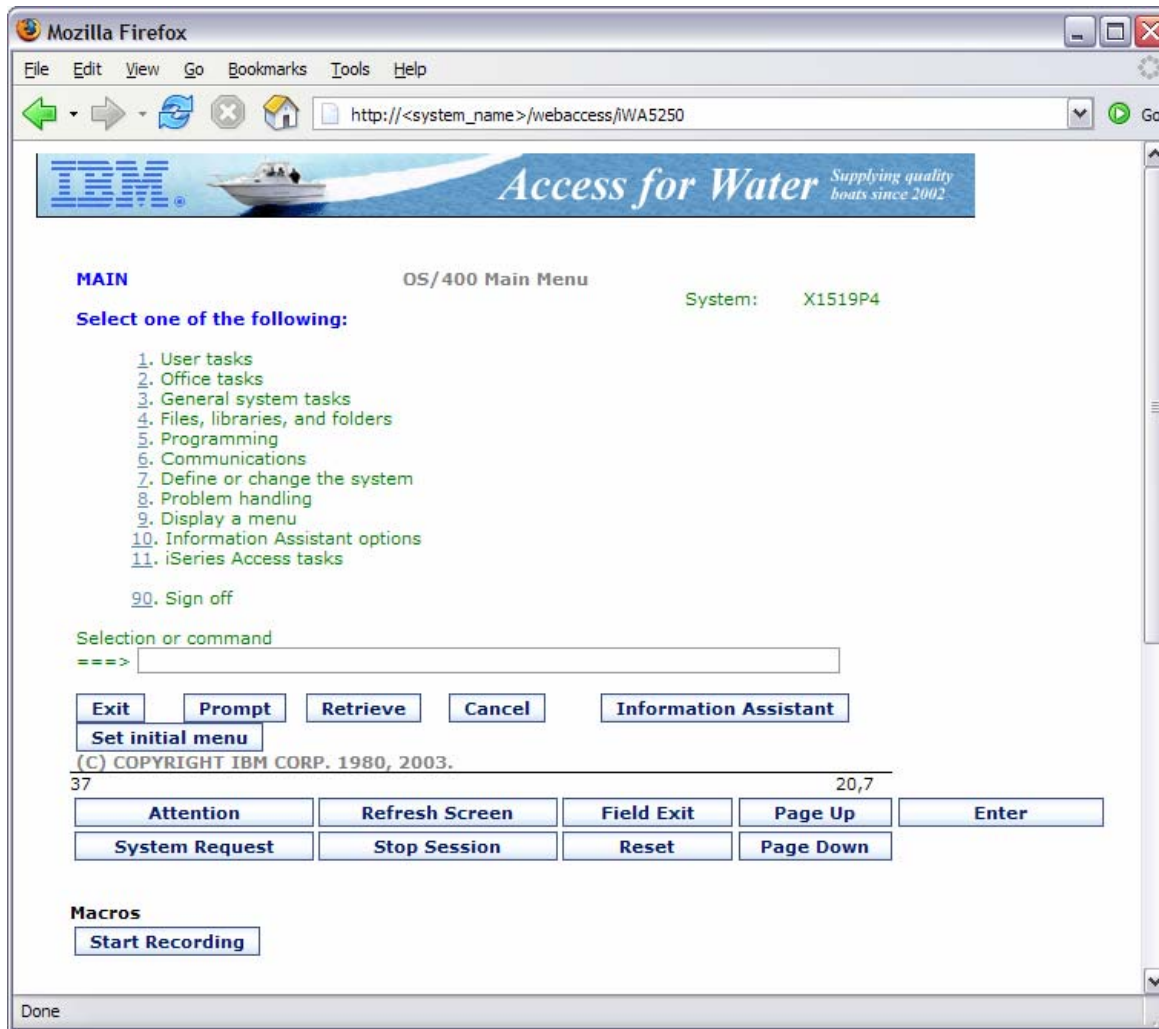
SQL Output

CUSNUM	LSTNAM	INIT	STREET	CITY	STATE	ZIPCOD	CDTLMT	CHGCOD	BALDUE	CDTDUE
938472	Henning	G K	4859 Elm Ave	Dallas	TX	75217	5000	3	37.00	0.00
839283	Jones	B D	21B NW 135 St	Clay	NY	13041	400	1	100.00	0.00
392859	Vine	S S	PO Box 79	Broton	VT	5046	700	1	439.00	0.00
938485	Johnson	J A	3 Alpine Way	Helen	GA	30545	9999	2	3987.50	33.50
397267	Tyron	W E	13 Myrtle Dr	Hector	NY	14841	1000	1	0.00	0.00
389572	Stevens	K L	208 Snow Pass	Denver	CO	80226	400	1	58.75	1.50
846283	Alison	J S	787 Lake Dr	Isle	MN	56342	5000	3	10.00	0.00
475938	Doe	J W	59 Archer Rd	Sutter	CA	95685	700	2	250.00	100.00
693829	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
192837	Lee	F L	5963 Oak St	Hector	NY	14841	700	2	489.50	0.50
583990	Abraham	M T	392 Mill St	Isle	MN	56342	9999	3	0.00	0.00



# iWA servlet Template - structure

<http://<system>/webaccess/iWA5250>



## Homepage file

/boatdemo/boat.htm

Defines content, layout, images, links to be displayed when the iWAHome servlet is invoked in the browser.

## Template file

/boatdemo/boat\_template.htm

Defines the header, content, footer on all other servlet pages.

## Image files

/boatdemo/boat\_template\_files/\*.gif

## Cascading Style Sheet file

/QIBM/ProdData/Access/Web2/html/iwa\_styles.css

Defines the colors, fonts, font sizes for the various elements in the .html files.

# The formula for building a homepage to your i5/OS

- Demonstration summary
  1. Create a Home web page (an HTML document)
  2. Setup System i Access for Web functions
  3. Configure System i Access for Web home page
  4. Create/configure System i Access for Web template (an HTML document)
  
- What is the value of this?
  - Quickly integrate your own look/feel into web pages using System i Access for Web
  - Quickly integrate both i5/OS access and other intranet/internet links
  - Control how users access i5/OS resources
  - Control what i5/OS resources users can access
  - Administrate access to your i5/OS from a single point of entry

# Home Page Customization

- Great article - example

- "Build a quick and easy Web site with iSeries Access for Web" - Janet Weber
- [http://www.ibm.com/servers/eserver/series/access/pdf/build\\_website\\_article.pdf](http://www.ibm.com/servers/eserver/series/access/pdf/build_website_article.pdf)
- iSeries 400 Experts Journal

# Additional Information – Detailed Example

- The following pages detail the steps to enable the use of a customized Home page through System i Access for Web
- Refer to the structure/flow diagrams shown earlier in this presentation
- The details include...
  - Use the shipped System i Access for Web files as a starting point...
    - Home HTML page, Template HTML page, Cascading Style Sheet (CSS)
  - Setting authorities to the files
  - Where to place image files
  - How/where to set System i Access for Web policies to use the modified files
  - What to modify in the source files
  - How to verify the modifications



# iWAHome – Steps to customize

- To customize the pages:
  1. Copy System i Access for Web .html/.css files.
  2. Copy image files.
  3. Customize policies to use .html files.
  4. Update .html files.
  5. Update cascading style sheet.
  6. Verify with a browser.

# Step 1 - Copy System i Access for Web .html/.css files

- System i Access for Web provides the source for the default pages
  - Home page for iWAHome servlet
  - Template for all other servlets
  - Cascading Style Sheet to control the styling of HTML elements
- These source files can be used as a starting point for customization.
- Copy the default file(s) supplied to a new location in the integrated file system so they can be modified.
  
- Steps to copy the files:
  1. MKDIR DIR('/common\_homepage')
  2. CPY OBJ('/qibm/proddata/access/web2/html/en/homepage.html')  
TOOBJ('/common\_homepage/common\_homepage.html')
  3. CPY OBJ('/qibm/proddata/access/web2/html/en/webaccess.html')  
TOOBJ('/common\_homepage/common\_template.html')
  4. CPY OBJ('/qibm/proddata/access/web2/html/en/iwa\_styles.css')  
TOOBJ('/common\_homepage/common\_styles.css')
  5. WRKLNK OBJ('/common\_homepage')
  6. Option #9 to work with authorities
    - Grant \*PUBLIC \*RWX
    - Repeat for all subdirectories and files

# iWAHome – Steps to customize

- To customize the pages:
  1. Copy System i Access for Web .html/.css files.
  2. **Locate and copy image files.**
  3. Customize policies to use .html files.
  4. Update .html files.
  5. Update cascading style sheet.
  6. Verify with a browser.

## Step 2 - Locate and copy image files

- Within the HTML source, images can be specified.
- Locate an image (i.e. your company logo/banner) you can use.
- The image file will need to reside in the same directory, or a directory below, as the .html files that refer to them.
  - Locating the image files in some other location will require HTTP server configuration updates.
- Copy the file(s) to an images subdirectory in the integrated file system, below the location of the .html source.
- Steps to copy the files:
  1. MKDIR DIR('/common\_homepage/images')
  2. Copy your image files to the /common\_homepage/images directory.
    - We are using common\_banner.gif, iwa\_navCorner.gif
  3. WRKLNK OBJ('/common\_homepage/images')
  4. Option #9 to work with authorities
    - Grant \*PUBLIC \*RWX
    - Repeat for all subdirectories and files



# iWAHome – Steps to customize

- To customize the pages:
  1. Copy System i Access for Web .html/.css files.
  2. Locate and copy image files.
  3. **Customize policies to use .html files.**
  4. Update .html files.
  5. Update cascading style sheet.
  6. Verify with a browser.

## Step 3 - Customize policies to use .html files

- System i Access for Web policies need to be changed to use the .html files.
- This will allow you to verify the incremental changes to the .html source in the following steps.
- Customize policies for a test user profile to use the modified .html files.
- Steps to set policies:
  1. Identify a test i5/OS user profile you can use, or  
CRTUSRPRF USRPRF(COMMONUSER) PASSWORD() USRCLS(\*USER)
  2. Open a browser to <http://<system>/webaccess/iWAMain>
  3. Signon using an administrator level user profile.
  4. Click the Customize tab.
  5. Click the Policies link.
  6. Specify your test user profile, we are using COMMONUSER.
  7. Click Edit Policies.
  8. Click the Action icon for the General category.
  9. Type in the Home page HTML file:     /common\_homepage/common\_homepage.html
  10. Type in the Template HTML file:     /common\_homepage/common\_template.html
  11. Scroll down click Save.

# Step 3 - Customize policies to use .html files

The screenshot shows the 'Policies' page in the iSeries Access for Web interface. The browser address bar shows the URL: `http://myiSeries.myCompany.com/webaccess/iWACustomizeList?action=select`. The page title is 'Policies' and the user is 'dlb'. The main content area is titled 'Policies' and contains the following text: 'Specify the profile you want to edit.' Below this is a form with 'Profile: COMMONUSER' and a 'Browse...' button. There is an 'Edit Policies' button. Below the form are several links: 'User profiles', 'Group profiles', 'Import policies', 'Export policies', and 'Policies help'. The left sidebar contains a navigation menu with items like 'My Home Page', 'My Folder', 'Print', 'Messages', 'Jobs', '5250', 'Database', 'Files', 'Command', 'Download', 'Customize', and 'Other'. The 'Customize' menu is expanded, showing 'Preferences', 'Policies', 'Settings', and 'Transfer configuration'. The 'Policies' item is highlighted. The bottom of the page has 'IBM | iSeries | Service' and the version number '5.4.0.05-191.SI22130'. Numbered arrows indicate the following steps: 3 points to the address bar, 4 points to the 'Customize' menu item, 5 points to the 'Policies' sub-item, 6 points to the 'Profile' text, and 7 points to the 'Edit Policies' button.

# Step 3 - Customize policies to use .html files

**Policies**

Profile: **COMMONUSER**

Action	Category	Description	Access
	5250	5250 user interface custom settings.	Allowed
	Command	Run batch command custom settings.	Allowed
	Customize	Preferences and policy administration custom settings.	Allowed
	Database	Database tables, requests, and run SQL custom settings.	Allowed
	Database connections	Create and edit database connection definitions.	Allowed
	Download	Download packages custom settings.	Allowed
	Files	Integrated file system and file share custom settings.	Allowed
	General	Page layout, language and character set custom settings.	Allowed
	Jobs	Work with jobs custom settings.	Allowed
	Mail	Send mail custom settings.	Allowed
	Messages	Display messages, send messages, and message queue custom settings.	Allowed
	My Folder	My Folder custom settings.	Allowed
	Print	Printer output, printers, printer shares and output queue custom settings.	Allowed
	Sametime	Lotus Sametime custom settings.	Allowed
	Other	Change password and other miscellaneous custom settings.	Allowed

[View all policies](#)  
View current policy settings for all categories.

[View group membership](#)  
View current group membership for this user profile.

[Copy policies](#)



# Step 3 - Customize policies to use .html files

**Edit Policies - General**  
Profile: COMMONUSER

Policy	Derived From ?	Action ?	Setting	
Home page HTML file	Profile setting	Use current setting ▼	/common_homepage/common_homepage.html	<b>Browse...</b> <span style="color: red;">9</span>
Template HTML file	Profile setting	Use current setting ▼	/common_homepage/common_template.html	<b>Browse...</b> <span style="color: red;">10</span>
Main page HTML file	Shipped default	Use current setting ▼	/QIBM/ProdData/Access/Web2/html/overview.htm	<b>Browse...</b> ?
Home page	Shipped default	Use current setting ▼	Allow ▼	?
Template	Shipped default	Use current setting ▼	Allow ▼	?
Navigation	Shipped default	Use current setting ▼	Allow ▼	?
Related links	Shipped default	Use current setting ▼	Allow ▼	?
Navigation bar	Shipped default	Use current setting ▼	Show ▼	?
Display action links as images	Shipped default	Use current setting ▼	Yes ▼	?
Default rows per page	Shipped default	Use current setting ▼	25	?
Default pages per set	Shipped default	Use current setting ▼	10	?
Preferred language	Shipped default	Use current setting ▼	None ▼	?
Preferred character set	Shipped default	Use current setting ▼	None ▼	?
PDF font directories	Shipped default			?
Additional PDF font	Shipped default	Use current setting ▼		<b>Browse...</b> ?

# iWAHome – Steps to customize

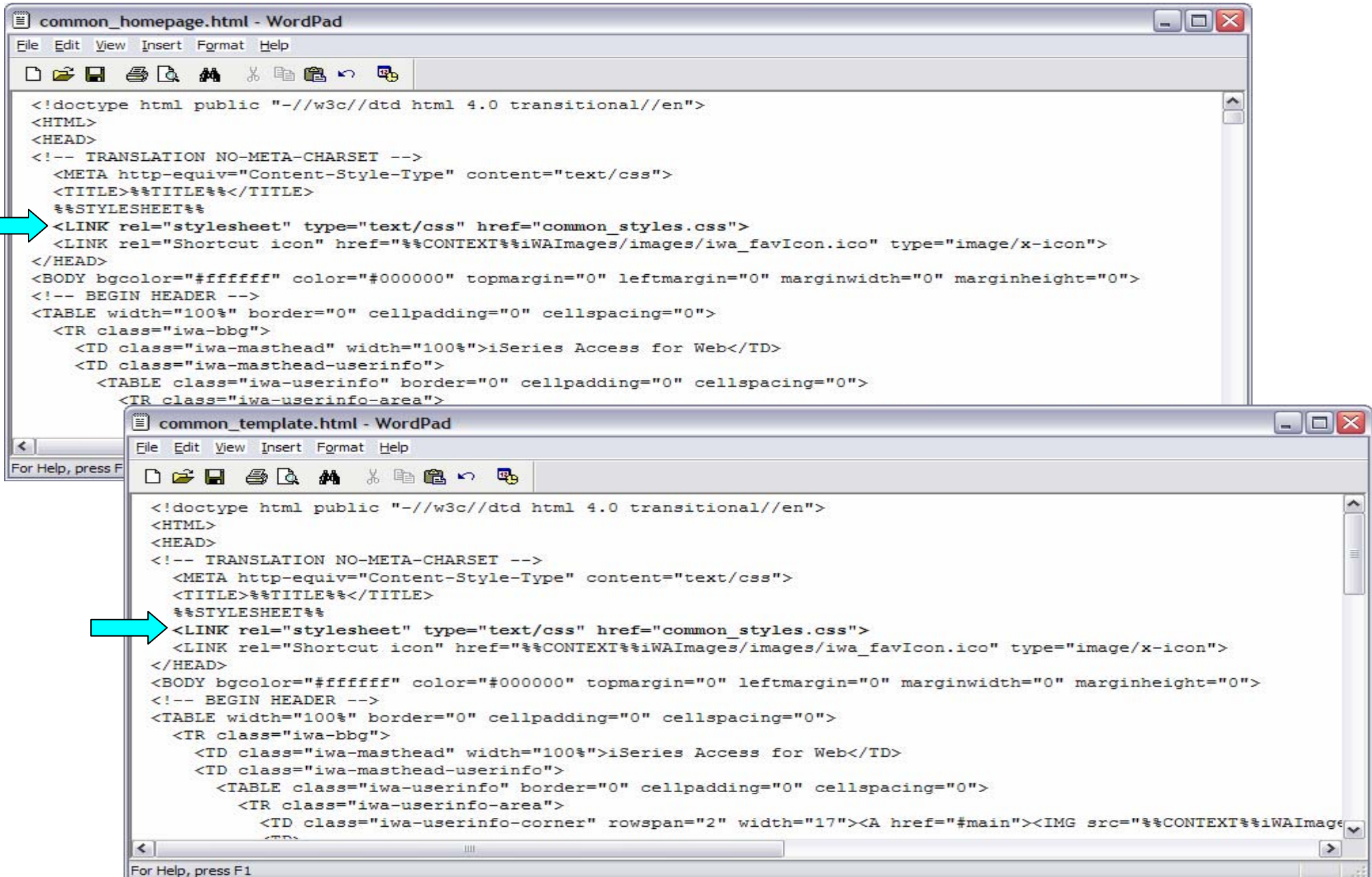
- To customize the pages:
  1. Copy System i Access for Web .html/.css files.
  2. Locate and copy image files.
  3. Customize policies to use .html files.
  4. **Update .html files.**
  5. Update cascading style sheet.
  6. Verify with a browser.

## Step 4 – Update .html files – add .css reference

- To override the default cascading style sheet, the .html files must be updated to link to our copy (see Step 1).
  - The cascading style sheet will be modified in a later step.
  - Add the reference to the cascading style sheet file to both .html files
- 
- Steps to add the reference:
    1. Open a browser to <http://<system>/webaccess/iWAHome>
    2. Signon using your test user profile, we are using COMMONUSER.
    3. Open the following files with Wordpad
      - /common\_homepage/common\_homepage.html
      - /common\_homepage/common\_template.html
    4. At the top of the file, add the following below **%%STYLE SHEET%%**
      - `<LINK rel="stylesheet" type="text/css" href="common_styles.css">`
    5. Save the changes to the .html files.
    6. Refresh the browser session. No visual changes should be occur.



# Step 4 – Update .html files – add .css reference



```
common_homepage.html - WordPad
File Edit View Insert Format Help
<!doctype html public "-//w3c//dtd html 4.0 transitional//en">
<HTML>
<HEAD>
<!-- TRANSLATION NO-META-CHARSET -->
<META http-equiv="Content-Style-Type" content="text/css">
<TITLE>%%TITLE%%</TITLE>
%%STYLESHEET%%
<LINK rel="stylesheet" type="text/css" href="common_styles.css">
<LINK rel="Shortcut icon" href="%%CONTEXT%%iWAImages/images/iwa_favIcon.ico" type="image/x-icon">
</HEAD>
<BODY bgcolor="#ffffff" color="#000000" topmargin="0" leftmargin="0" marginwidth="0" marginheight="0">
<!-- BEGIN HEADER -->
<TABLE width="100%" border="0" cellpadding="0" cellspacing="0">
<TR class="iwa-bbg">
<TD class="iwa-masthead" width="100%">iSeries Access for Web</TD>
<TD class="iwa-masthead-userinfo">
<TABLE class="iwa-userinfo" border="0" cellpadding="0" cellspacing="0">
<TR class="iwa-userinfo-area">

common_template.html - WordPad
File Edit View Insert Format Help
<!doctype html public "-//w3c//dtd html 4.0 transitional//en">
<HTML>
<HEAD>
<!-- TRANSLATION NO-META-CHARSET -->
<META http-equiv="Content-Style-Type" content="text/css">
<TITLE>%%TITLE%%</TITLE>
%%STYLESHEET%%
<LINK rel="stylesheet" type="text/css" href="common_styles.css">
<LINK rel="Shortcut icon" href="%%CONTEXT%%iWAImages/images/iwa_favIcon.ico" type="image/x-icon">
</HEAD>
<BODY bgcolor="#ffffff" color="#000000" topmargin="0" leftmargin="0" marginwidth="0" marginheight="0">
<!-- BEGIN HEADER -->
<TABLE width="100%" border="0" cellpadding="0" cellspacing="0">
<TR class="iwa-bbg">
<TD class="iwa-masthead" width="100%">iSeries Access for Web</TD>
<TD class="iwa-masthead-userinfo">
<TABLE class="iwa-userinfo" border="0" cellpadding="0" cellspacing="0">
<TR class="iwa-userinfo-area">
<TD class="iwa-userinfo-corner" rowspan="2" width="17%"><A href="#main"><IMG src="%%CONTEXT%%iWAImage
```



## Step 4 – Update .html files – add header image

- To display your company's logo/image, the .html files must be updated to link in a different image file.
- The default masthead (header) reference needs to be removed.
- The new logo/image reference needs to be added.
- Steps to add the reference:
  1. Open the following files with Wordpad
    - /common\_homepage/common\_homepage.html
    - /common\_homepage/common\_template.html
  2. Near the top of the file, locate the following lines:
    - <!-- BEGIN HEADER -->
    - <TABLE width="100%" border="0" cellpadding="0" cellspacing="0">
    - <TR class="iwa-bbg">
    - <TD class="iwa-masthead" width="100%">iSeries Access for Web</TD>
  3. Remove this line
    - **<TD class="iwa-masthead" width="100%">iSeries Access for Web</TD>**
  4. Add these or similar lines to replace the masthead (header)
    - <TD class="iwa-masthead" width="100%"><IMG src="images/common\_banner.gif" alt="COMMON Spring 2006 Conference & Expo, March 26-30, 2006, Minneapolis, Minnesota" border="0" width="468" height="60"></TD>
    - <TD><A href="#main"><IMG src="%%CONTEXT%%iWAImages/en/images/iwa\_c.gif" alt="Skip to main content" border="0" width="17" height="1"></A></TD>
  5. Save the changes.
  6. Refresh the browser. The image in the header should have changed.

# Step 4 – Update .html files – add header image

The image displays two screenshots of a WordPad editor window titled "common\_template.html - WordPad". The editor shows HTML code for a web page header. The top screenshot shows the original code with a comment for a banner image. The bottom screenshot shows the updated code with the banner image tag added. Blue arrows labeled '3' and '4' point to the changes.

**Original Code (Top Screenshot):**

```

<!doctype html public "-//w3c//dtd html 4.0 transitional//en">
<HTML>
<HEAD>
<!-- TRANSLATION NO-META-CHARSET -->
<META http-equiv="Content-Style-Type" content="text/css">
<TITLE>%%TITLE%%</TITLE>
%%STYLESHEET%%
<LINK rel="stylesheet" type="text/css" href="common_styles.css">
<LINK rel="Shortcut icon" href="%%CONTEXT%%iWAImages/images/iwa_favIcon.ico" type="image/x-icon">
</HEAD>
<BODY bgcolor="#ffffff" color="#000000" topmargin="0" leftmargin="0" marginwidth="0" marginheight="0">
<!-- BEGIN HEADER -->
<TABLE width="100%" border="0" cellpadding="0" cellspacing="0">
<TR class="iwa-bbg">
<!-- <TD class="iwa-masthead" width="100%">iSeries Access for Web</TD> -->

```

**Updated Code (Bottom Screenshot):**

```

<!-- <TD class="iwa-masthead" width="100%"><IMG src="images/common_banner.gif" alt="COMMON Spring 2006 Conferer
<TD><A href="#main"><IMG src="%%CONTEXT%%iWAImages/en/images/iwa_c.gif" alt="Skip to main content" border=
<TD class="iwa-masthead-userinfo">
<TABLE class="iwa-userinfo" border="0" cellpadding="0" cellspacing="0">
<TR class="iwa-userinfo-area">

```

Blue arrows labeled '3' point to the line: `<!-- <TD class="iwa-masthead" width="100%">iSeries Access for Web</TD> -->` in both screenshots. Blue arrows labeled '4' point to the line: `<TD class="iwa-masthead" width="100%"><IMG src="images/common_banner.gif" alt="COMMON Spring 2006 Conferer` in the bottom screenshot.



# Step 4 – Update .html files – add header image

Homepage

File Edit View Favorites Tools

Back Forward Stop Refresh Home Search Favorites Media

Address http://mySeries.myCompany.../IWAHome/ Go

Spring 2006 Conference & Expo COMMON A USERS GROUP User: commonuser IBM

My Home Page

- My Folder
- Print
- Messages
- Jobs
- 5250
- Database
- Files
- Command
- Download
- Customize
- Other

Related Links:

- iSeries Access for Web
- iSeries Access
- iSeries Navigator
- iSeries Information Center
- iSeries Resource Library

## Welcome to iSeries Access for Web

### Getting Started

My Information	My View	Related Products
<ul style="list-style-type: none"> <li>My Folder</li> <li>Printer output</li> <li>Display messages</li> <li>Start a 5250 session</li> <li>Database requests</li> <li>Browse files</li> <li>Preferences</li> </ul>	<ul style="list-style-type: none"> <li>See <a href="#">Customizing iSeries Access for Web</a> 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!</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">WebSphere Application Server for iSeries</a></li> <li><a href="#">WebSphere Development Studio Client for iSeries</a></li> <li><a href="#">WebSphere Development Studio for iSeries</a></li> </ul>

### What is iSeries Access for Web

A new generation of software that enables you to access your iSeries server information and resources through a web browser!

#### Browser Access to iSeries Server Information

The Internet movement has taken over, and businesses are quickly moving to embrace new technologies through e-business. Since most desktop operating systems come with web browsers, users want an easy way to work with their business-critical i5/OS information and resources through the simple browser user interface that has been designed to be Internet-friendly. Users also are looking for hassle-free access through firewalls. They want access from a variety of platforms, and want no special client code that has to be installed and maintained on their desktop.

#### Easy Administration

i5/OS administrators are looking for ways to streamline management of user access to information in the enterprise through centrally controlled administration built around i5/OS user profiles. Additionally, administrators want to customize a user's view of the iSeries server, so those not familiar with i5/OS operating environment can easily and productively work with its database and other resources.

#### Key Capabilities

### Rochester information

- City information
- Movies
- Mayo Clinic

### Rochester weather

SkyCam

### Rochester news

- Post-Bulletin online
- KTTC

### Telephone directory

- Find a person
- Find a business

Internet

## Step 4 – Update .html files – remove footer

- A footer exists at the bottom of the web page.
  - We are going to remove that footer to simplify the look of the page.
  - Locate the comments BEGIN FOOTER – END FOOTER and remove the lines between them.
- 
- Steps to remove the footer:
    1. Open the following files with Wordpad
      - /common\_homepage/common\_homepage.html
      - /common\_homepage/common\_template.html
    2. At the bottom of the file, locate the following lines:
      - <!-- BEGIN FOOTER -->
      - <!-- END FOOTER -->
    3. Remove all lines between the BEGIN-END comments.
    4. Save the changes.
    5. Close the Wordpad windows.
    6. Refresh the browser. Scroll down, the footer not be displayed.



# Step 4 – Update .html files – remove footer

The image shows two overlapping WordPad windows. The top window, titled 'common\_template.html - WordPad', displays the following HTML code:

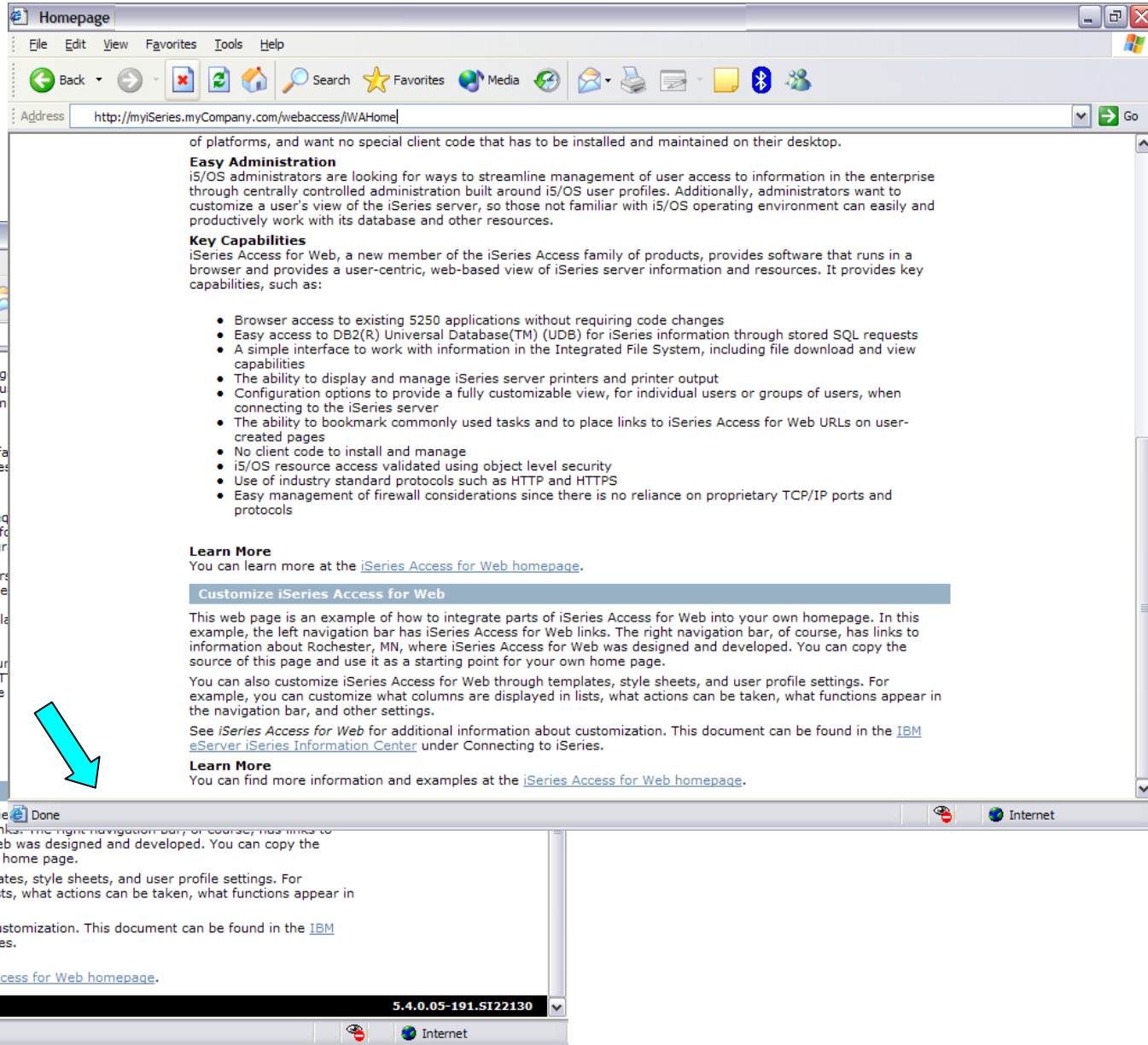
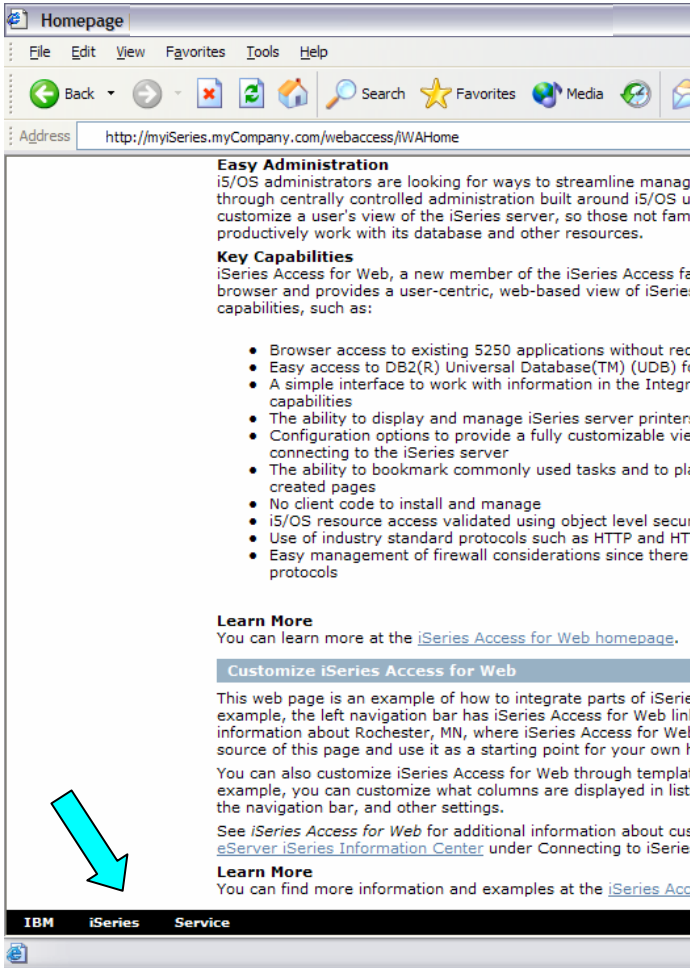
```
<!-- BEGIN FOOTER -->
<!--
<TABLE border="0" cellspacing="0" cellpadding="0" width="100%">
<TR class="iwa-bbg">
<TD width="560" height="19">
<TABLE border="0" cellspacing="0" cellpadding="0">
<TR>
<TD class="iwa-footer-spacer" width="13">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</TD>
<TD class="iwa-footer-text">&A class="iwa-mainlink" href="http://www.ibm.com/">IBM</&A</TD>
<TD class="iwa-footer-divider" width="27">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</TD>
<TD class="iwa-footer-text">&A class="iwa-mainlink" href="http://www.ibm.com/eserver/series/">iSeries</&A</TD>
<TD class="iwa-footer-divider" width="27">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</TD>
<TD class="iwa-footer-text">&A class="iwa-mainlink" href="http://www.ibm.com/eserver/series/support">Support</&A</TD>
<TD class="iwa-footer-spacer" width="13">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</TD>
</TR>
</TABLE>
</TD>
</TR>
</TABLE>
</ID>
<TD class="iwa-footer-version">&{{VERSION}}&</TD>
</TR>
</ID>
</TABLE>
-->
<!-- END FOOTER -->
```

The bottom window, titled 'common\_homepag', shows the same code. A red arrow points from the 'BEGIN FOOTER' comment in the top window to the 'END FOOTER' comment in the bottom window, indicating the removal of the footer.

# Step 4 – Update .html files – remove footer

After

Before



# iWAHome – Steps to customize

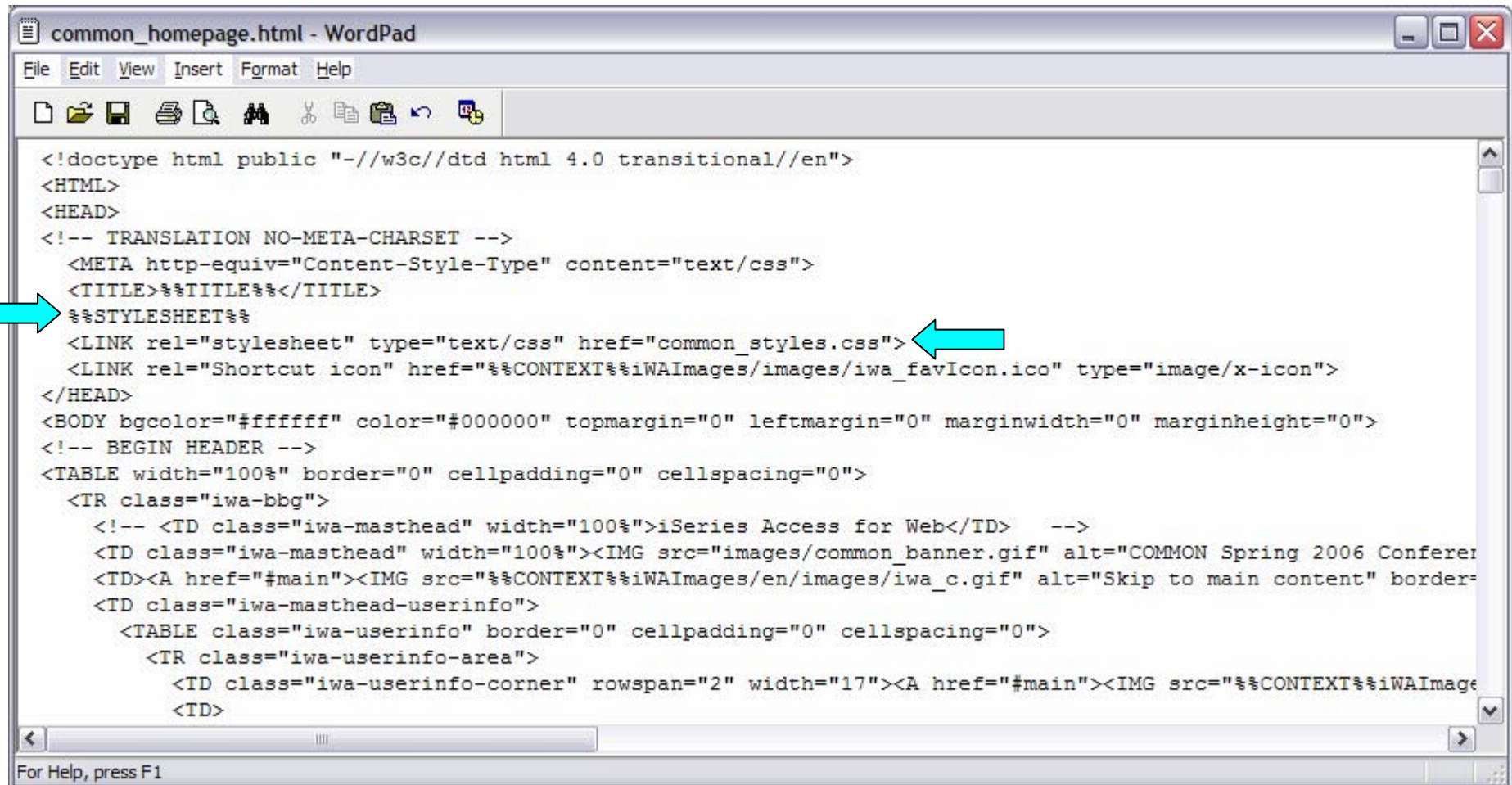
- To customize the pages:
  1. Copy System i Access for Web .html/.css files.
  2. Locate and copy image files.
  3. Customize policies to use .html files.
  4. Update .html files.
  5. **Update cascading style sheet.**
  6. Verify with a browser.

## Step 5 – Update cascading style sheet

- System i Access for Web uses cascading style sheets (CSS) to control certain aspects of the appearance of web page content.
- For CSS information:
  - [www.w3.org/Style/CSS/](http://www.w3.org/Style/CSS/)
  - [www.w3.org/Style/LieBos2e/enter/](http://www.w3.org/Style/LieBos2e/enter/)
- The default style sheet controls the look of the page header, footer, navigation bar, and page content.
- Style sheets can be used to customize the home page and page template.
- Step 1 copied the shipped style sheet to  
**/common\_homepage/common\_styles.css**
- Step 1 updated the .html files to use our copy  
**/common\_homepage/common\_styles.css**
- Steps to update the .css:
  1. Open the following file with Wordpad
    - `/common_homepage/common_styles.css`
  2. Update various styles.
  3. Save the changes.
  4. Refresh the browser. Verify various areas of the screen were updated.



# Step 5 – Update cascading style sheet

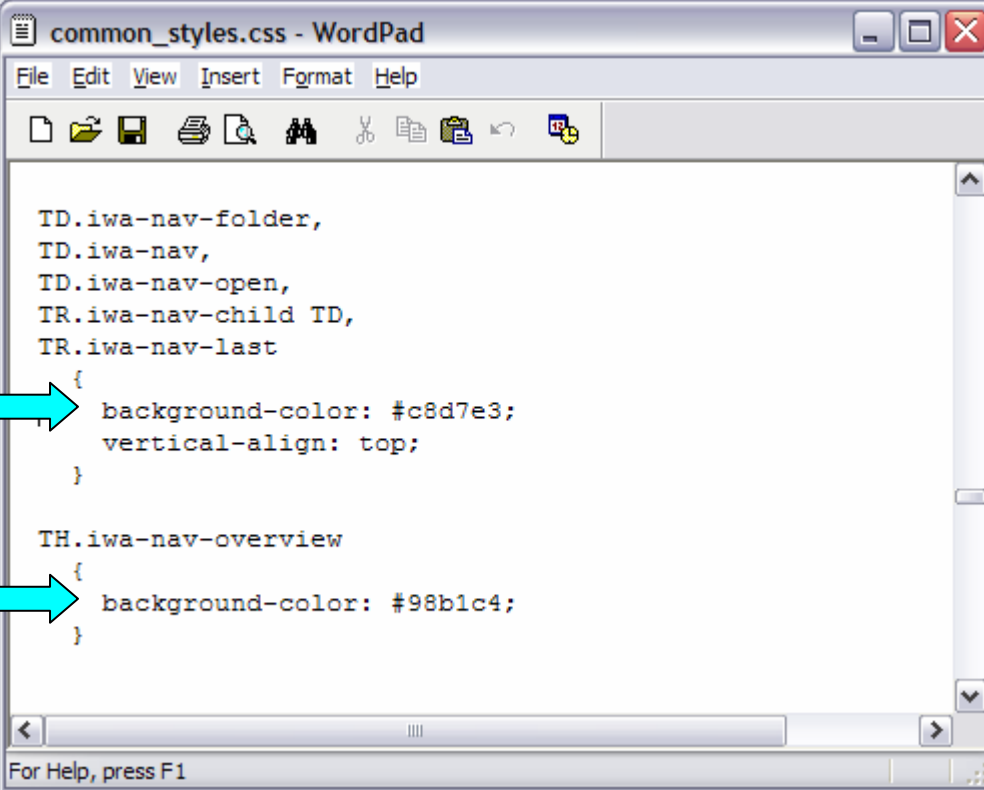


```
common_homepage.html - WordPad
File Edit View Insert Format Help
<!doctype html public "-//w3c//dtd html 4.0 transitional//en">
<HTML>
<HEAD>
<!-- TRANSLATION NO-META-CHARSET -->
<META http-equiv="Content-Style-Type" content="text/css">
<TITLE>%%TITLESHEET%%</TITLE>
%%STYLESHEET%%
<LINK rel="styylesheet" type="text/css" href="common_styles.css">
<LINK rel="Shortcut icon" href="%%CONTEXT%%iWAImages/images/iwa_favIcon.ico" type="image/x-icon">
</HEAD>
<BODY bgcolor="#ffffff" color="#000000" topmargin="0" leftmargin="0" marginwidth="0" marginheight="0">
<!-- BEGIN HEADER -->
<TABLE width="100%" border="0" cellpadding="0" cellspacing="0">
<TR class="iwa-bbg">
<!-- <TD class="iwa-masthead" width="100%">iSeries Access for Web</TD> -->
<TD class="iwa-masthead" width="100%"><IMG src="images/common_banner.gif" alt="COMMON Spring 2006 Conferer
<TD><A href="#main"><IMG src="%%CONTEXT%%iWAImages/en/images/iwa_c.gif" alt="Skip to main content" border=
<TD class="iwa-masthead-userinfo">
<TABLE class="iwa-userinfo" border="0" cellpadding="0" cellspacing="0">
<TR class="iwa-userinfo-area">
<TD class="iwa-userinfo-corner" rowspan="2" width="17"><A href="#main"><IMG src="%%CONTEXT%%iWAImage
<TD>
For Help, press F1
```

# Step 5 – Update cascading style sheet

Original navigation bar settings

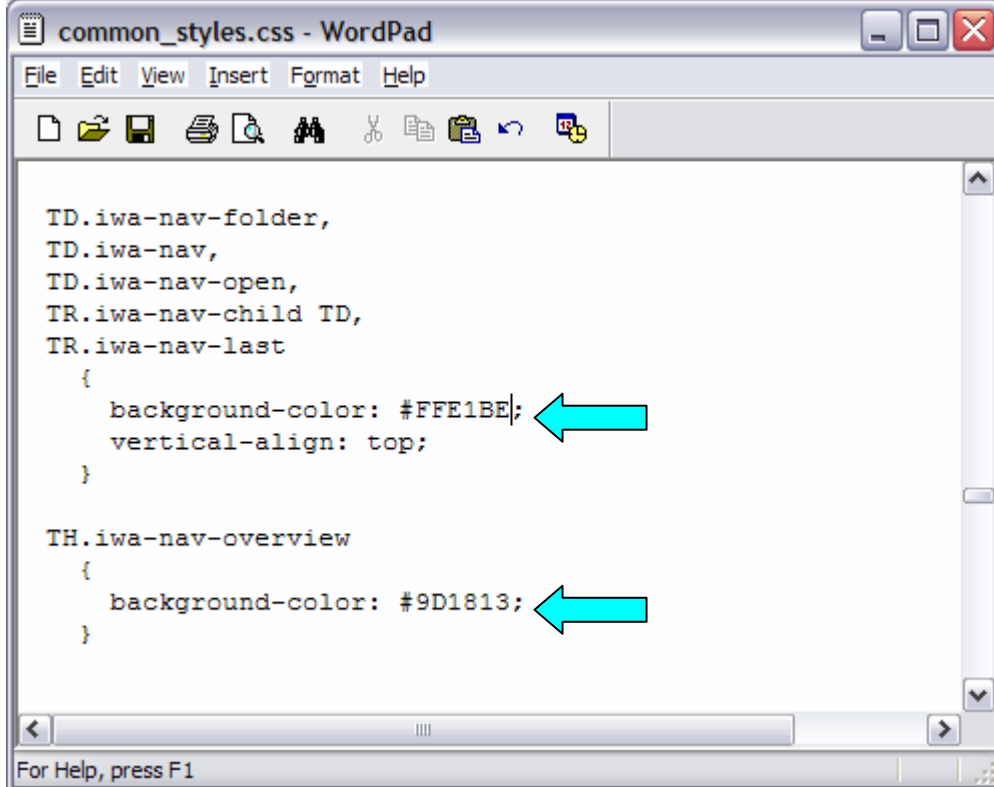
Changed navigation bar settings



```
common_styles.css - WordPad
File Edit View Insert Format Help
[Icons]
TD.iwa-nav-folder,
TD.iwa-nav,
TD.iwa-nav-open,
TR.iwa-nav-child TD,
TR.iwa-nav-last
{
background-color: #c8d7e3;
vertical-align: top;
}

TH.iwa-nav-overview
{
background-color: #98b1c4;
}
```

For Help, press F1

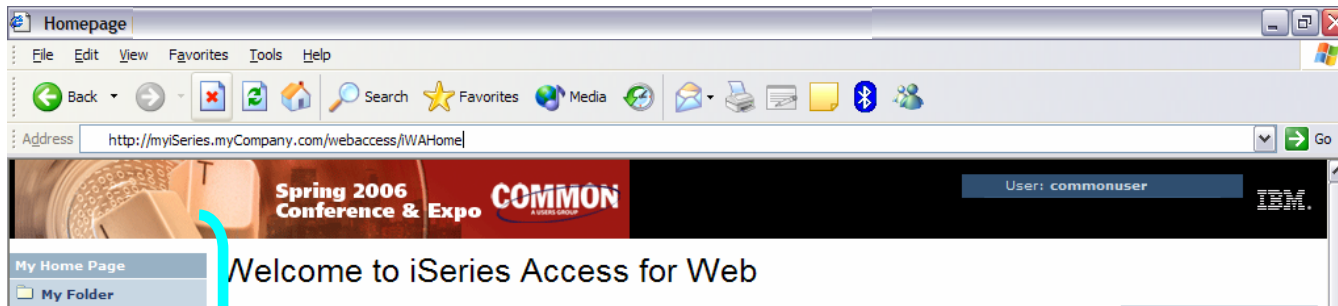


```
common_styles.css - WordPad
File Edit View Insert Format Help
[Icons]
TD.iwa-nav-folder,
TD.iwa-nav,
TD.iwa-nav-open,
TR.iwa-nav-child TD,
TR.iwa-nav-last
{
background-color: #FFE1BE;
vertical-align: top;
}

TH.iwa-nav-overview
{
background-color: #9D1813;
}
```

For Help, press F1

# Step 5 – Update cascading style sheet





# Step 5 – Update cascading style sheet

Homepage

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print Mail Bluetooth

Address http://mySeries.myCompany.com/webaccess/iWAHome Go

User: commonuser

Spring 2006 Conference & Expo COMMON

## Welcome to iSeries Access for Web

**My Home Page**

- My Folder
- Print
- Messages
- Jobs
- 5250
- Database
- Files
- Command
- Download
- Customize
- Other

**Related Links:**

- iSeries Access for 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 [Customizing iSeries Access for 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](#)

**What is iSeries Access for Web**

A new generation of software that enables you to access your iSeries server information and resources through a web browser!

**Browser Access to iSeries Server Information**

The Internet movement has taken over, and businesses are quickly moving to embrace new technologies through e-business. Since most desktop operating systems come with web browsers, users want an easy way to work with their business-critical i5/OS information and resources through the simple browser user interface that has been designed to be Internet-friendly. Users also are looking for hassle-free access through firewalls. They want access from a variety of platforms, and want no special client code that has to be installed and maintained on their desktop.

**Easy Administration**

i5/OS administrators are looking for ways to streamline management of user access to information in the enterprise through centrally controlled administration built around i5/OS user profiles. Additionally, administrators want to customize a user's view of the iSeries server, so those not familiar with i5/OS operating environment can easily and productively work with its database and other resources.

**Key Capabilities**

iSeries Access for Web, a new member of the iSeries Access family of products, provides software that runs in a browser and provides a user-centric, web-based view of iSeries server information and resources. It provides key capabilities, such as:

- Browser access to existing 5250 applications without requiring code changes
- Easy access to DB2(R) Universal Database(TM) (UDB) for iSeries information through stored SQL requests
- A simple interface to work with information in the Integrated File System, including file download and view capabilities

**Rochester information**

- City information
- Movies
- Mayo Clinic

**Rochester weather**

SkyCam

**Rochester news**

- Post-Bulletin online
- KTTC

**Telephone directory**

- Find a person
- Find a business



# iSeries & WebSphere Resources & Deliverables

**iSeries Information Center**

<http://www.ibm.com/iseries/infocenter>

**iSeries site**

[www.iseries.ibm.com/](http://www.iseries.ibm.com/)

**iSeries WebSphere Application Server**

<http://www-1.ibm.com/servers/eserver/iseries/software/websphere/wsappserver/>

**PartnerWorld for Developers, iSeries & WebSphere**

<http://www.iseries.ibm.com/developer/websphere/>

**IBM eServer Solutions**

<http://www-1.ibm.com/servers/eserver/iseries/solutions/>

**iSeries e-business Solutions**

<http://www-1.ibm.com/servers/eserver/iseries/ebusiness/>

**iSeries B2B Solutions**

<http://www-1.ibm.com/servers/eserver/iseries/btob/>

**Connect for iSeries**

<http://www-1.ibm.com/servers/eserver/iseries/btob/connect/v11high.html>

**WebSphere Commerce Suite for iSeries**

<http://www-1.ibm.com/servers/eserver/iseries/ebusiness/wcs51.html>

**iSeries and e-commerce**

<http://www-1.ibm.com/servers/eserver/iseries/ebusiness/ecommerce.htm>

**iSeries HTTP Server**

<http://www-1.ibm.com/servers/eserver/iseries/software/http/index.html>

**WebSphere Development Studio for iSeries**

<http://www-3.ibm.com/software/ad/wds400/>

**iSeries and WebSphere References**

<http://www.as400.ibm.com/developer/java/solutions/jjem.html>

<http://www2.software.ibm.com/casestudies/swcsweb.nsf/platform>

**iSeries Solution Finder**

<http://www.iseries.ibm.com/btobpartner/>

**iSeries & Domino**

<http://www-1.ibm.com/servers/eserver/iseries/domino/>

**Dedicated Server for Domino**

<http://www-1.ibm.com/servers/eserver/iseries/domino/dsd.htm>

**Workload Estimator for iSeries, WAS, WCS & Domino, HTTP Server, Java, etc.**

<http://as400service.ibm.com/estimator/>

**iSeries Custom Technology Center**

<http://www-1.ibm.com/servers/eserver/iseries/service/ctc/>

**iSeries Technical Support**

<http://as400service.ibm.com/>

**iSeries Technical Studio**

<http://www.as400.ibm.com/tstudio/>

**1st Install for iSeries & WebSphere Application Server**

<http://www.iseries.ibm.com/developer/websphere/assistance.html>

**iSeries ToolsNet (Tools & Middleware)**

<http://www.iseries.ibm.com/developer/tools/>

**iSeries & Services Network**

<http://as400service.ibm.com/supporthome.nsf/document/19251245>

**iSeries e-business Handbook (SG24-5694-01)**

<http://www.redbooks.ibm.com/abstracts/sg245694.html>

# iSeries & WebSphere Resources & Deliverables

WebSphere Commerce Suite With Back-End Order Mgmt.  
<http://ibm.com/redbooks>

iSeries Technology Center  
<http://www.iseries.ibm.com/service/itc/ebiz.htm>

iSeries University  
<http://www-3.ibm.com/services/learning/community/as400/>

WebSphere Application Server Overview  
<http://www-4.ibm.com/software/webservers/appserv/>

iSeries & WebSphere Documentation

Redbooks & Red Pieces

Form Numbers/Web Sites

Building iSeries Applications for WebSphere Advanced Edition	SG24-5691
Building Java Applications for the iSeries with VisualAge for Java	SG24-6245
Integrating WCS with Domino Back-End Applications	

- <http://ibm.com/redbooks> (search for REDP0141)

Java & WebSphere Performance on iSeries

- <http://publib-b.boulder.ibm.com/Redbooks.nsf/RedpieceAbstracts/sg246256.html?Open>  
iSeries Application Development Directions white paper is now available
- <http://www.iseries.ibm.com/developer/tools/documents/addir/index.html>  
Connect for iSeries with WebSphere Commerce Suite Red Paper
- <http://www.redbooks.ibm.com/redpapers/pdfs/redp0127.pdf>

Tools for Application Reface and Redesign

- <http://www.as400.ibm.com/developer/comm/pidtechpapers.html?Tools>  
Introduction to Enterprise JavaBeans for AS/400 SG24-5192-00  
Web enabling AS/400 Applications with WebSphere Studio SG24-5634-00  
Building AS/400 Applications with WebSphere Standard Edition 2.0 SG24-5635-00  
Building AS/400 C/S Apps with Java SG24-2152-02  
Building AS/400 Internet-based applications with Java SG24-5337-00

WebSphere Commerce Suite  
[www-4.ibm.com/software/webservers/commerce/](http://www-4.ibm.com/software/webservers/commerce/)

WebSphere Payment Manager  
[www-4.ibm.com/software/webservers/paymgr/](http://www-4.ibm.com/software/webservers/paymgr/)

MQSeries  
[www.ibm.com/software/ts/mqseries](http://www.ibm.com/software/ts/mqseries)  
 IBM Redbooks  
<http://www.redbooks.ibm.com/>

iSeries Nation  
<http://www-1.ibm.com/servers/eserver/iseries/announce/form.html>

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