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/iseries/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

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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)

User ID = WUSER **Password = DEMO2PWD**	**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.**
User ID = BOATADMIN **Password = DEMO2PWD**	**This is an example of how a customer might design a web page for their use. You will see that an end user could start the same BOATS application by clicking on the 5250 session -- or they could have used 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..**

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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

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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.

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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

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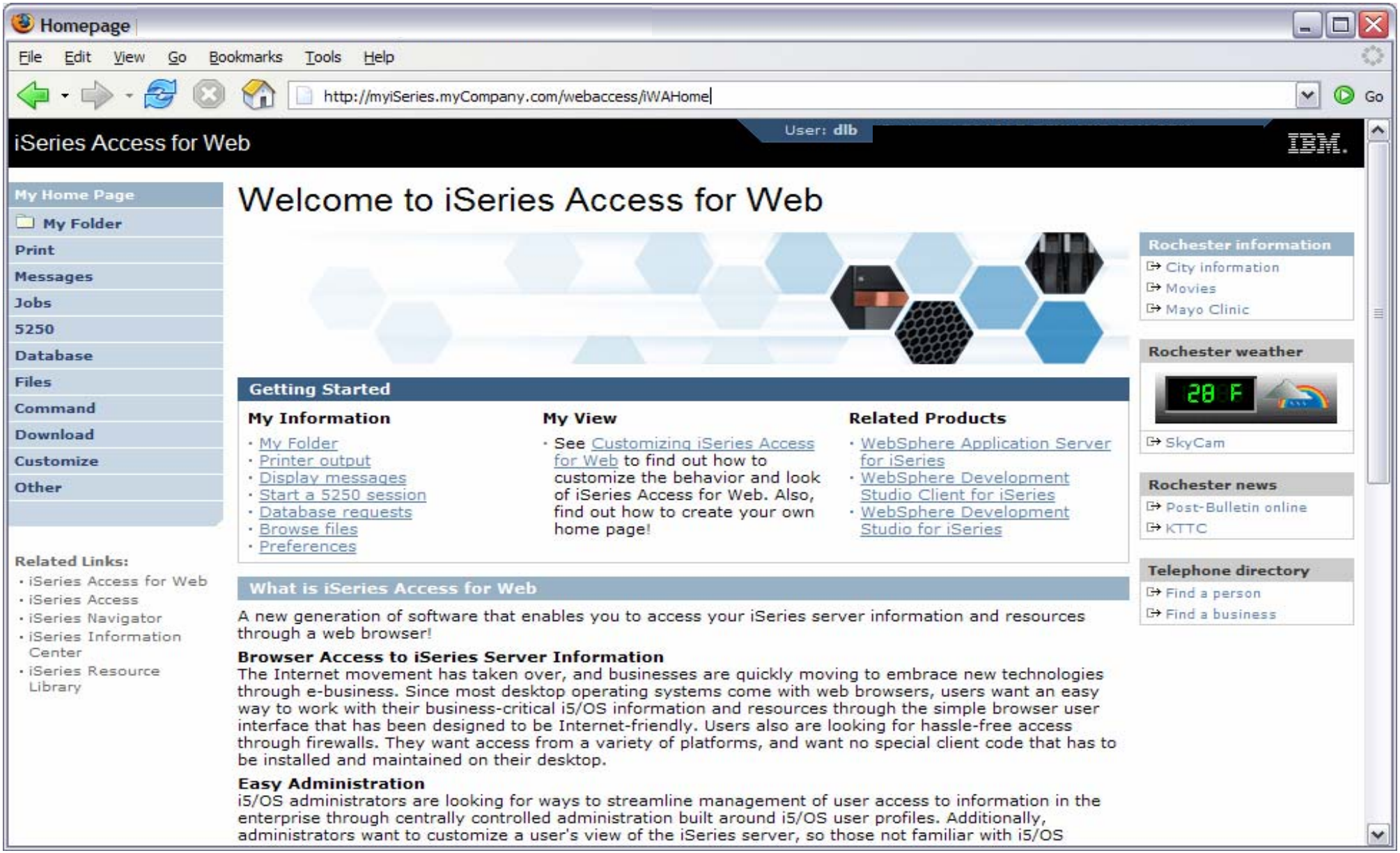
Home Page



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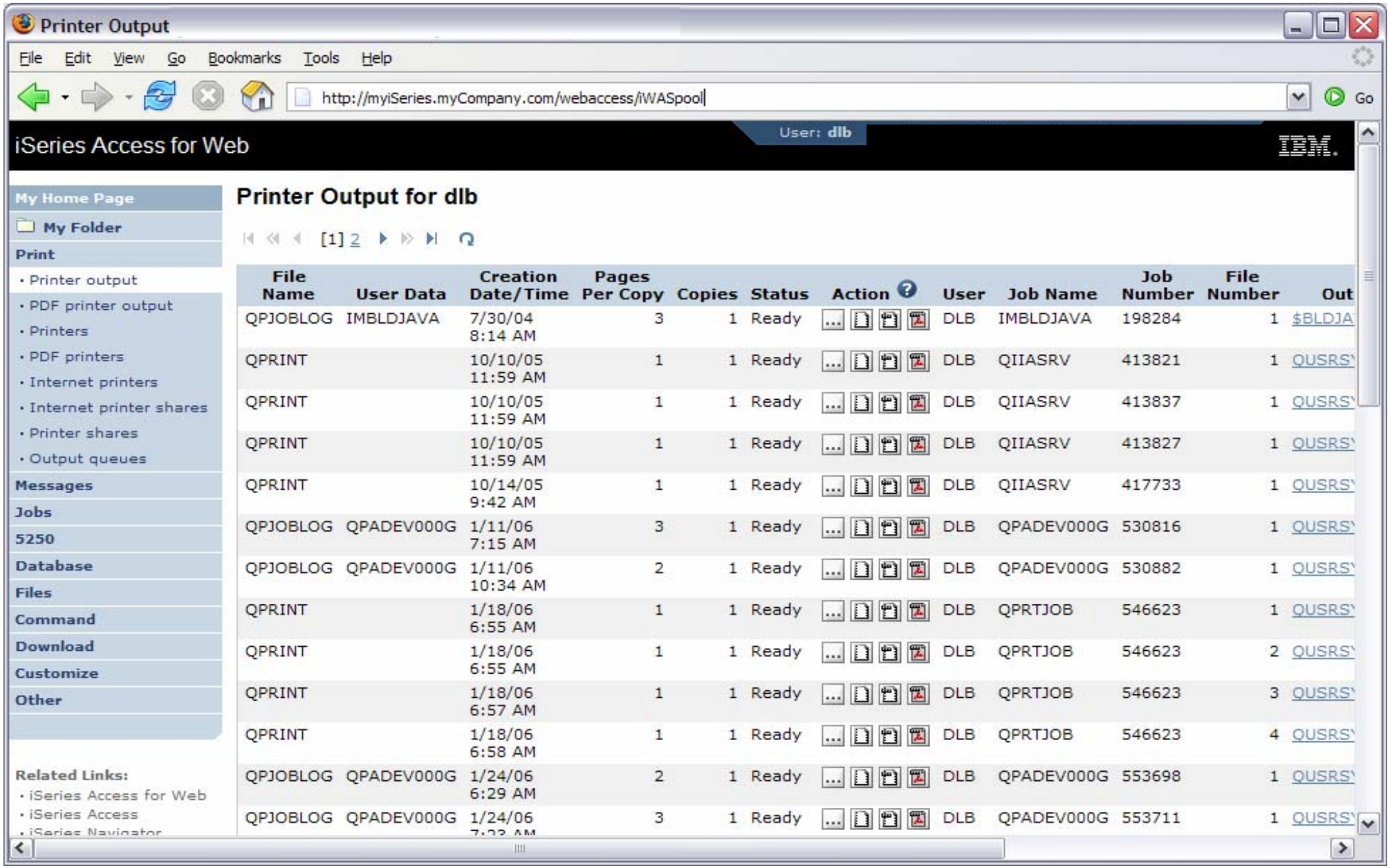
Functional Look



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	$BLDJA
QPRINT		10/10/05 11:59 AM	1	1	Ready		DLB	QIIASRV	413821	1	QUSRS
QPRINT		10/10/05 11:59 AM	1	1	Ready		DLB	QIIASRV	413837	1	QUSRS
QPRINT		10/10/05 11:59 AM	1	1	Ready		DLB	QIIASRV	413827	1	QUSRS
QPRINT		10/14/05 9:42 AM	1	1	Ready		DLB	QIIASRV	417733	1	QUSRS
QPJOBLOG	QPADEV000G	1/11/06 7:15 AM	3	1	Ready		DLB	QPADEV000G	530816	1	QUSRS
QPJOBLOG	QPADEV000G	1/11/06 10:34 AM	2	1	Ready		DLB	QPADEV000G	530882	1	QUSRS
QPRINT		1/18/06 6:55 AM	1	1	Ready		DLB	QPRTJOB	546623	1	QUSRS
QPRINT		1/18/06 6:55 AM	1	1	Ready		DLB	QPRTJOB	546623	2	QUSRS
QPRINT		1/18/06 6:57 AM	1	1	Ready		DLB	QPRTJOB	546623	3	QUSRS
QPRINT		1/18/06 6:58 AM	1	1	Ready		DLB	QPRTJOB	546623	4	QUSRS
QPJOBLOG	QPADEV000G	1/24/06 6:29 AM	2	1	Ready		DLB	QPADEV000G	553698	1	QUSRS
QPJOBLOG	QPADEV000G	1/24/06	3	1	Ready		DLB	QPADEV000G	553711	1	QUSRS

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Template file customization

- System i Access for Web has a default look for it 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.

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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…	**Replaced with…**
%%CONTENT%%	functional content for the page, separates the header/footer
%%include section=file%%	HTML section/fragment to include
%%MENU%%	navigation bar
%%STYLESHEET%%	default style sheet
%%STYLESHEET_CLASSIC_COLORS%%	default style sheet prior to V5R4
%%TITLE%%	title of the page
%%SYSTEM%%	name of i5/OS system being accessed
%%USER%%	i5/OS user profile used to access the server
%%VERSION%%	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.

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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.

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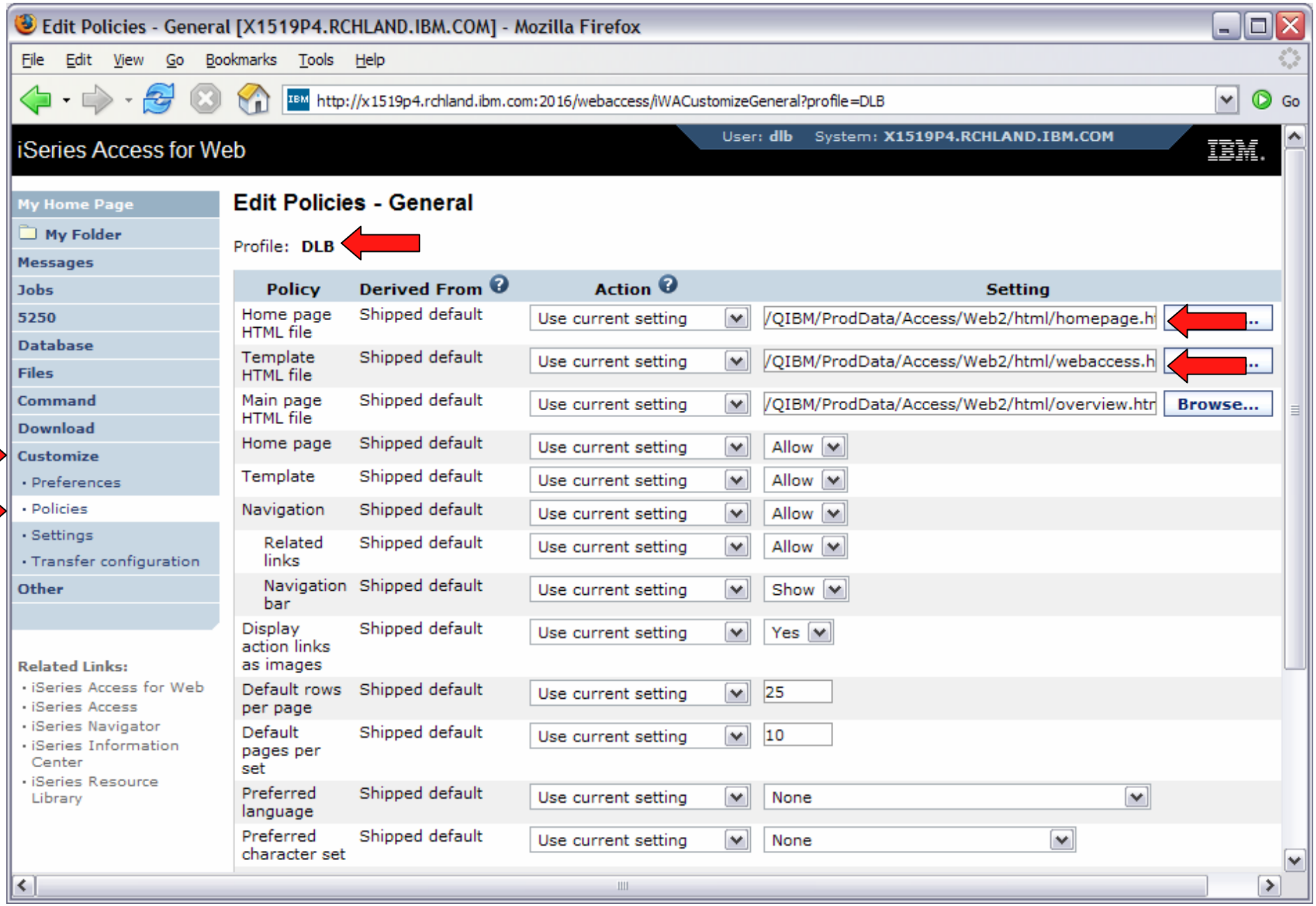
Customization settings (continued)



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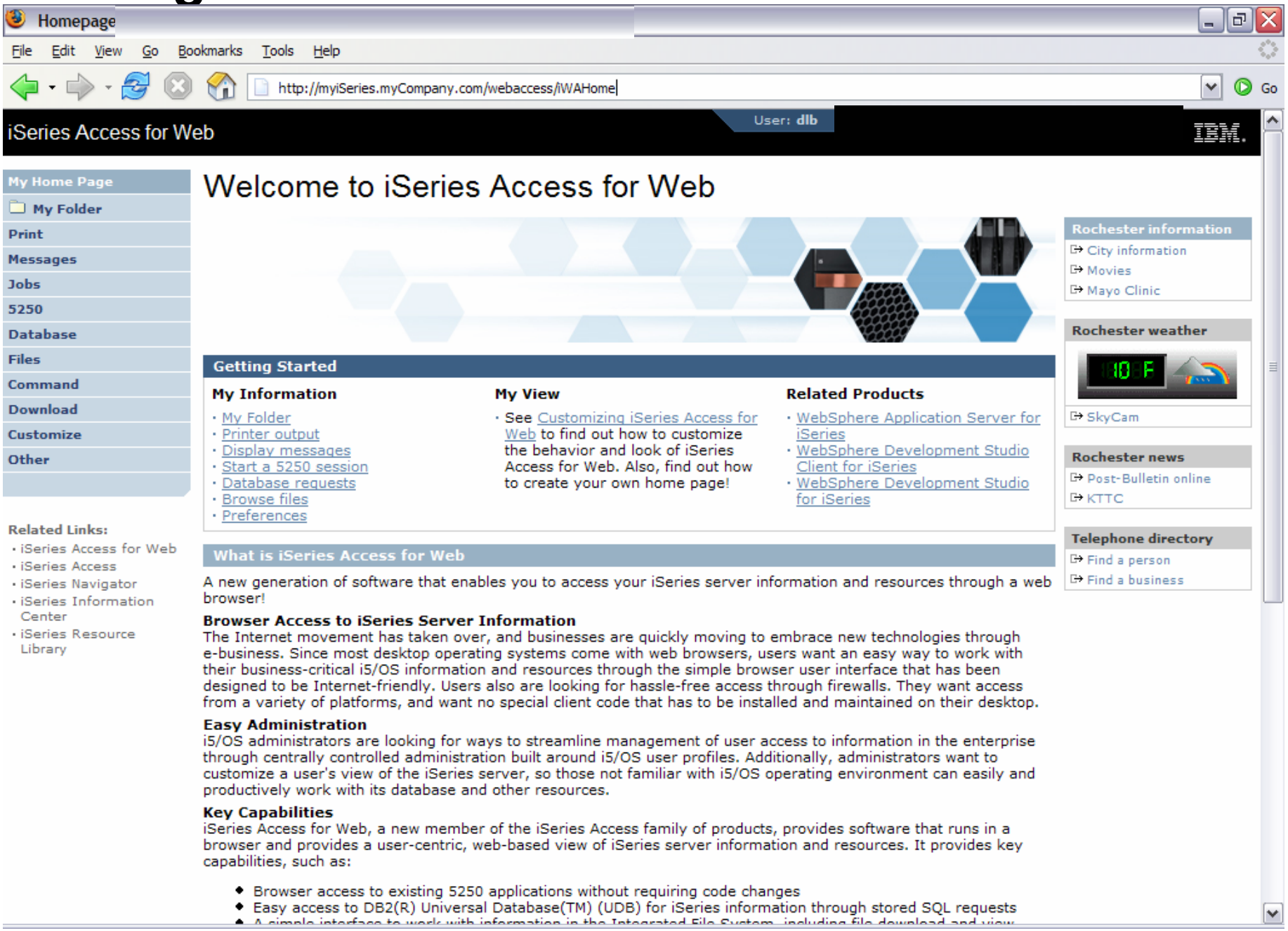
HomePage before – iWAHome servlet



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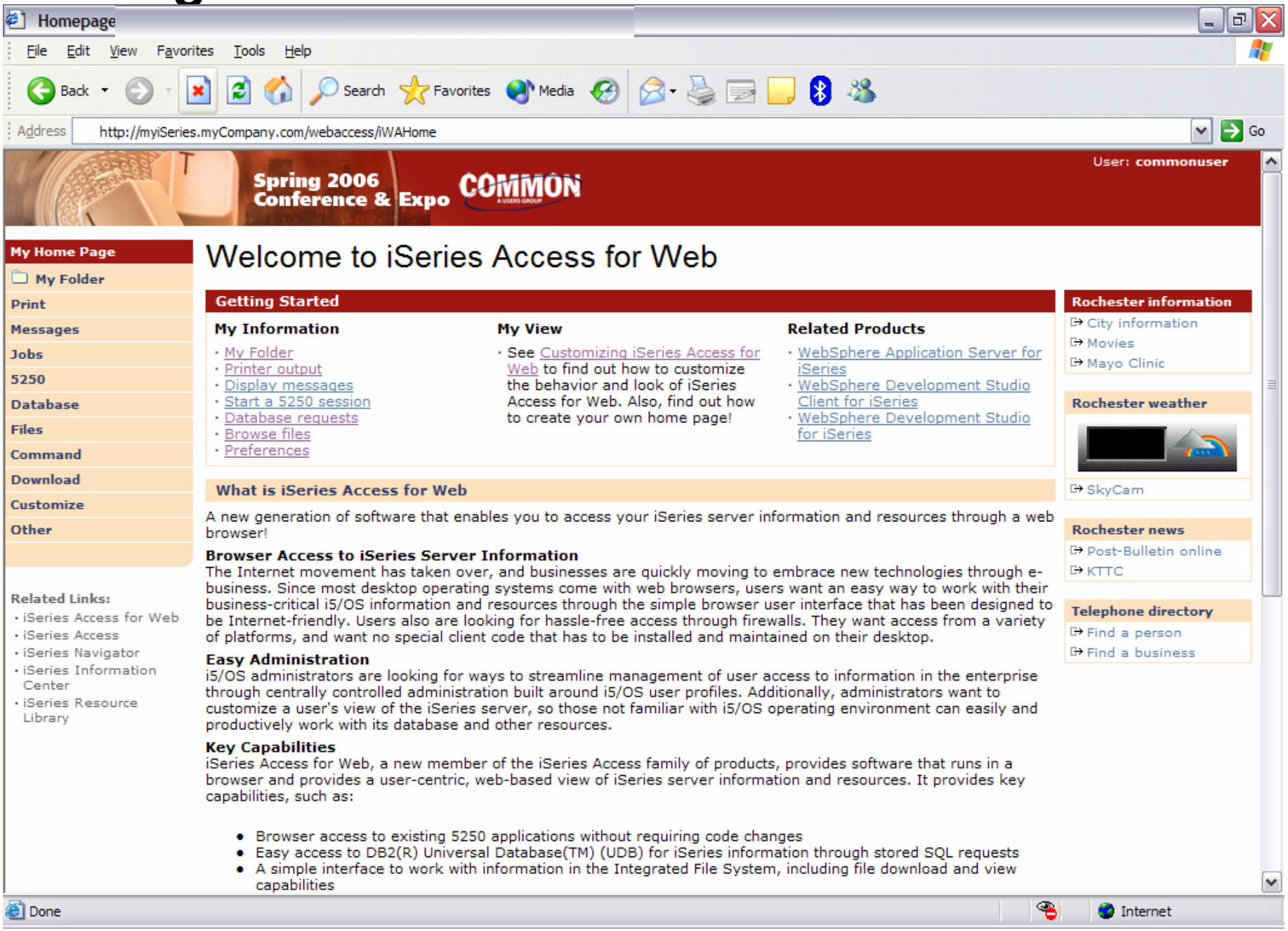
HomePage after – iWAHome servlet



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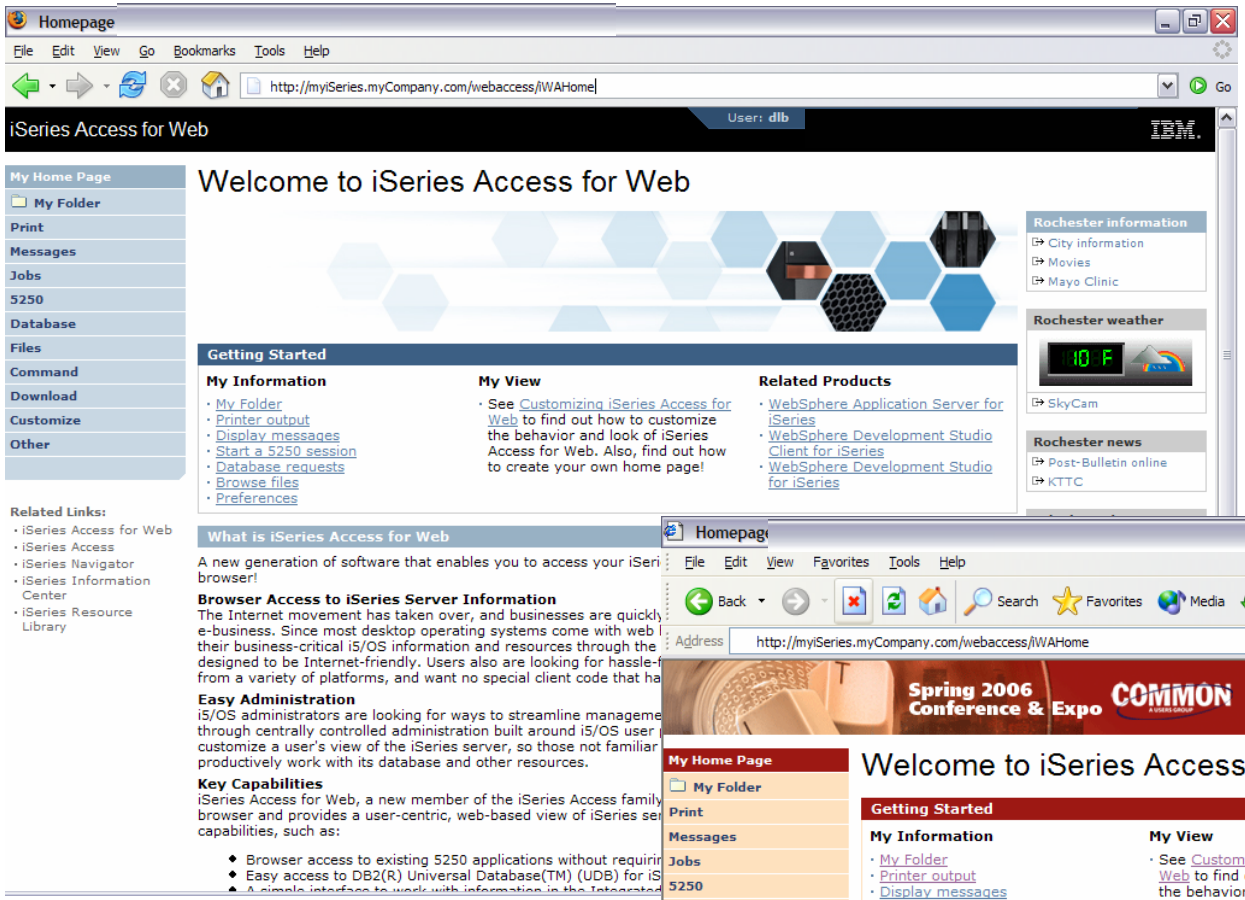
http://<system>/webaccess/iWAHome



HomePage after – iWAHome (another example)

Access for Water - Microsoft Internet Explorer

File Edit View Favorites Tools Help

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

Access for Water — Supplying quality boats since 2002

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.

Great Deals

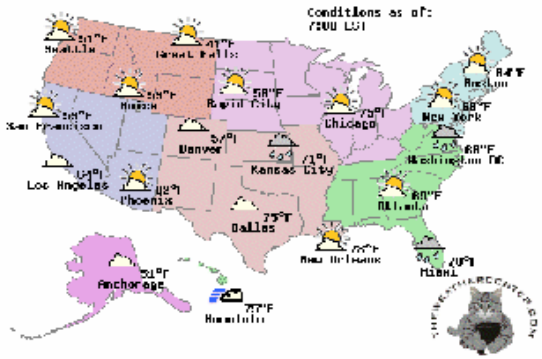
For those bargain conscious among you, we have a large selection of new and slightly used boats for under $75,000. Whether you are planning on sailing in your backyard pond or navigating the mighty Mississippi we can meet your wants, needs, or desires.
View our selection of modestly priced boats.

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

Weather Conditions

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



IBM | iSeries | Service

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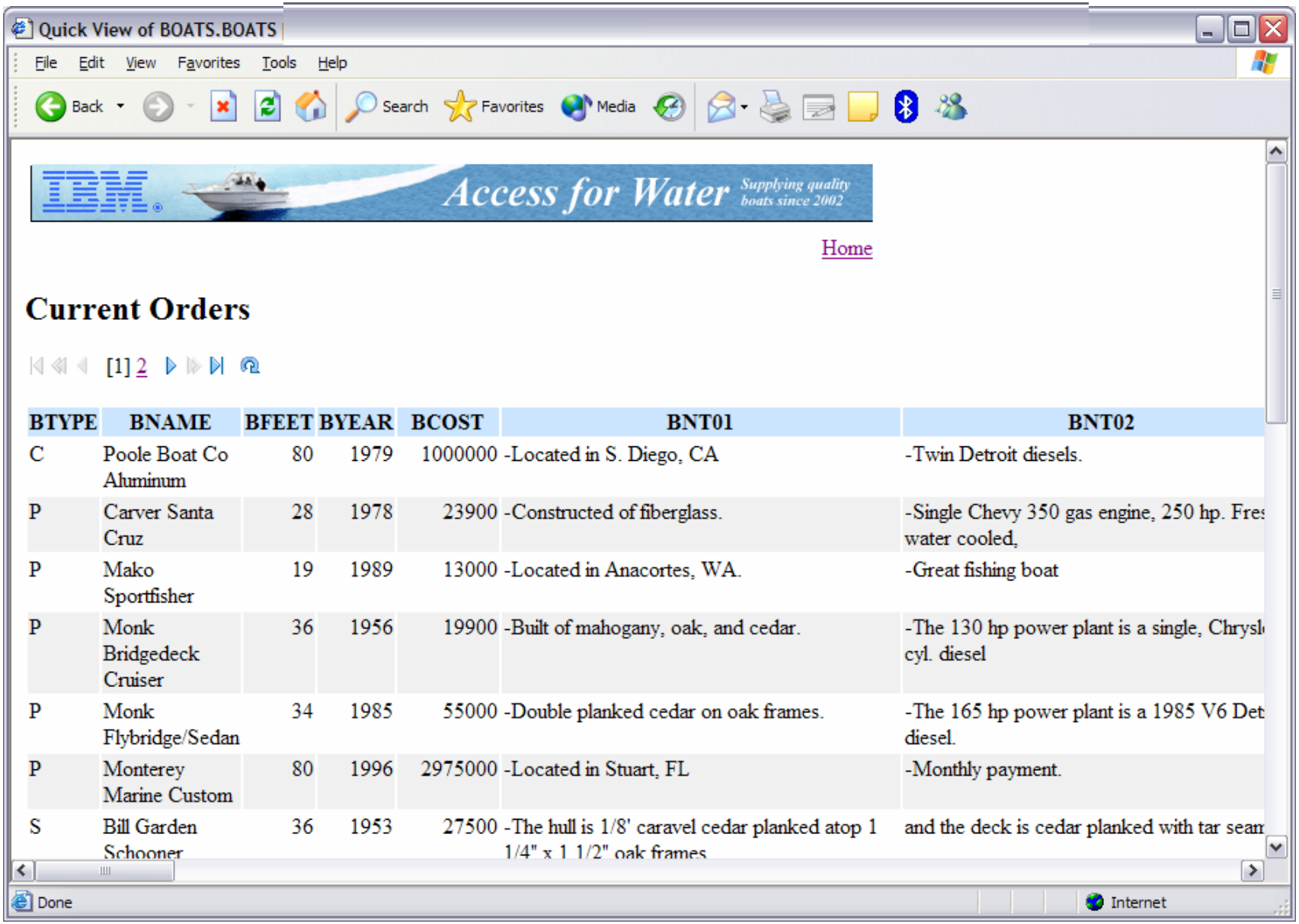
Home Page/Template Customization Example (continued)

- Custom template



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. Fres 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, Chrysl cyl. diesel
P	Monk Flybridge/Sedan	34	1985	55000	-Double planked cedar on oak frames.	-The 165 hp power plant is a 1985 V6 Det 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 1/4" x 1 1/2" oak frames	and the deck is cedar planked with tar seam

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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
  - Taylor 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

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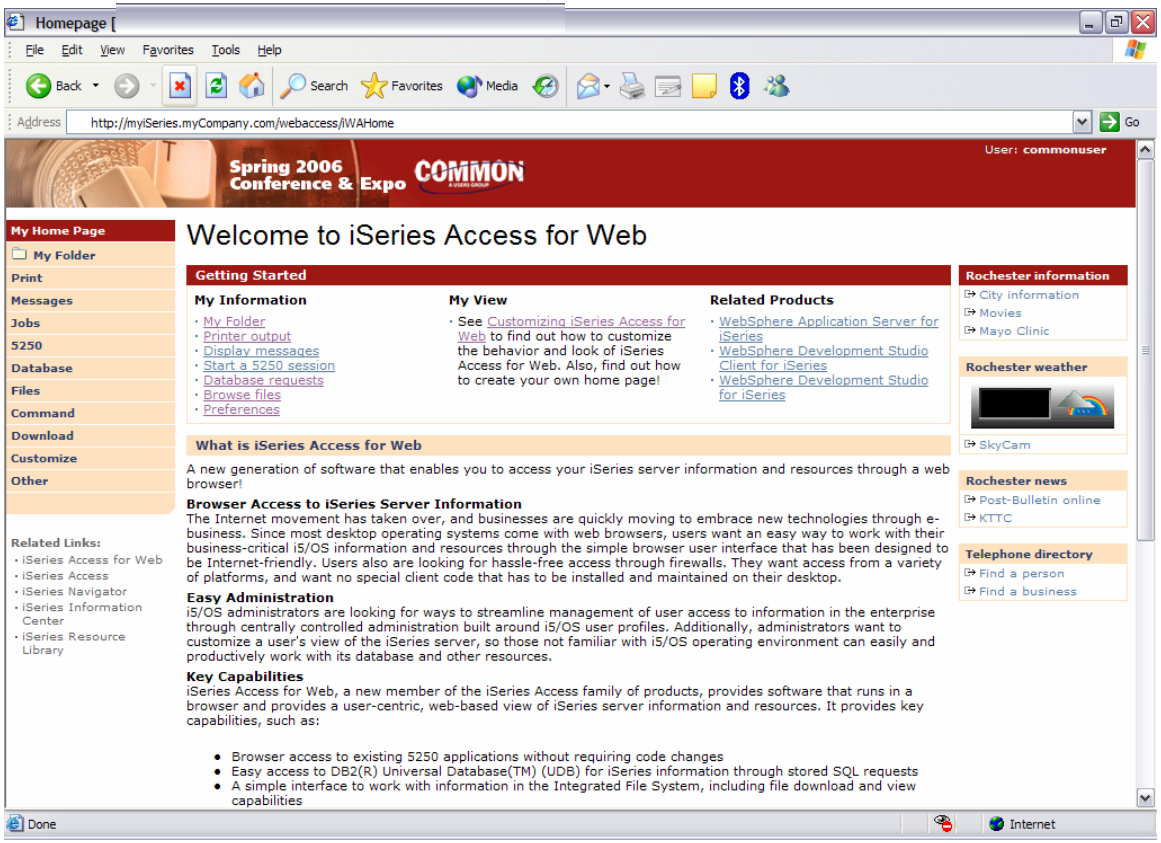
iWAHome - structure

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.

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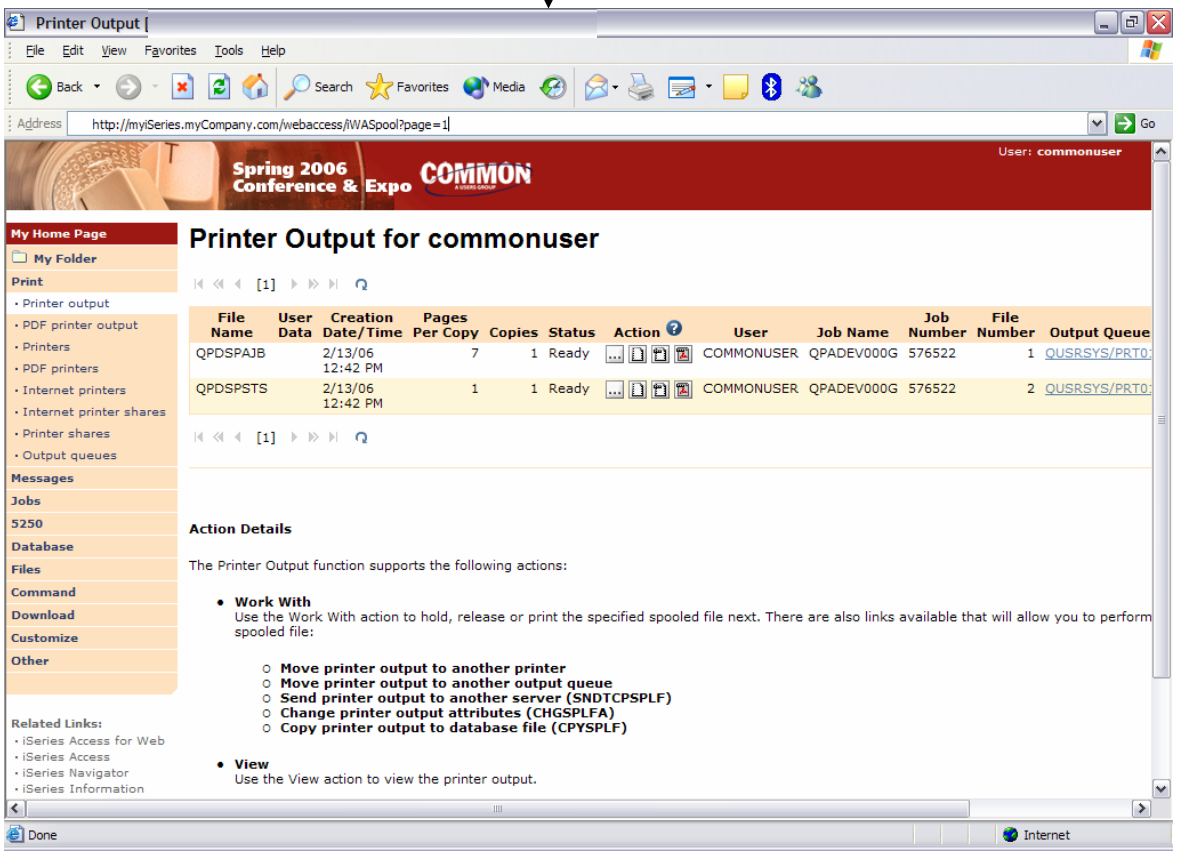
iWA servlet Template - structure

http://<system>/webaccess/iWASpool



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.

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

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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)

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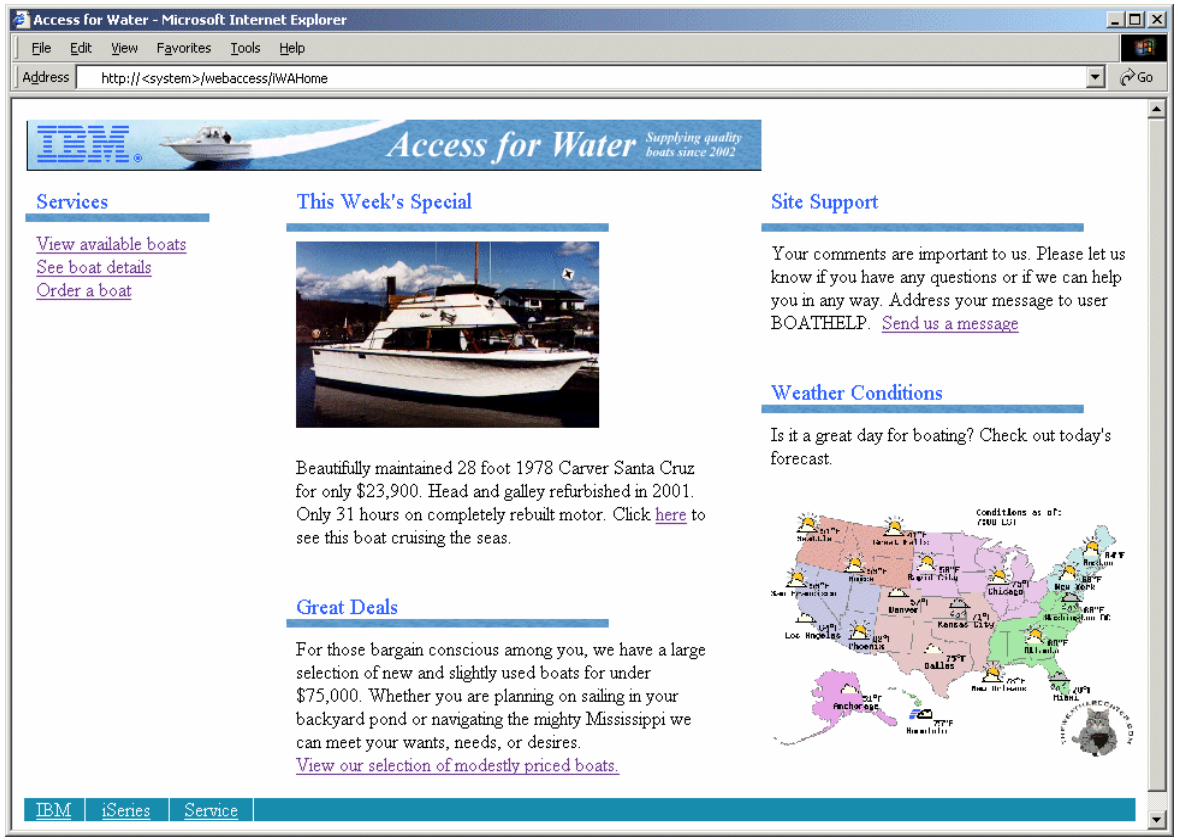
Create a Home web page

- 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

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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

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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, multimeda, 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
    - User = THE_BOSS

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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.

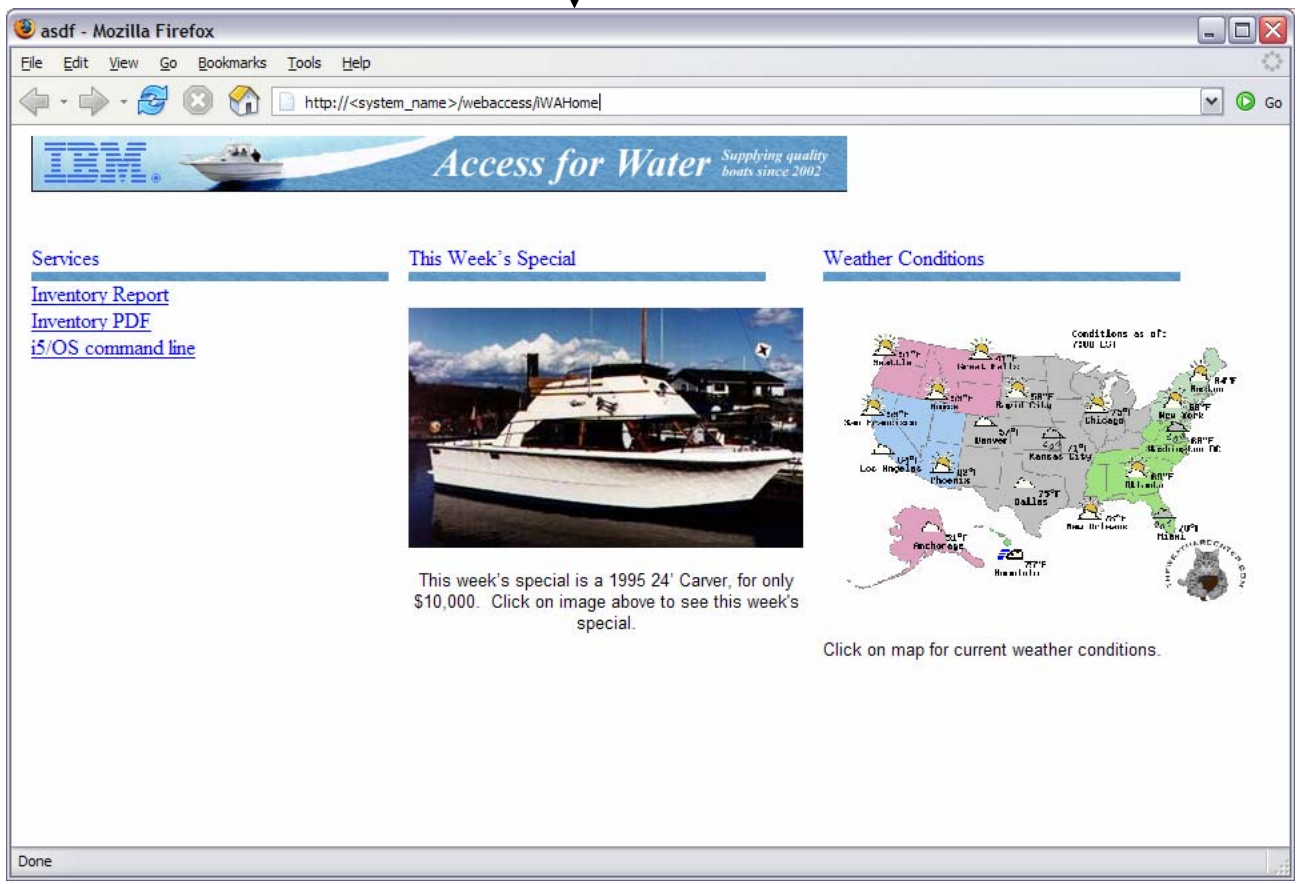

Image files

/boatdemo/boat_files/*.gif
/boatdemo/boat_files/*.jpg
/boatdemo/boat_files/*.mpg

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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

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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.

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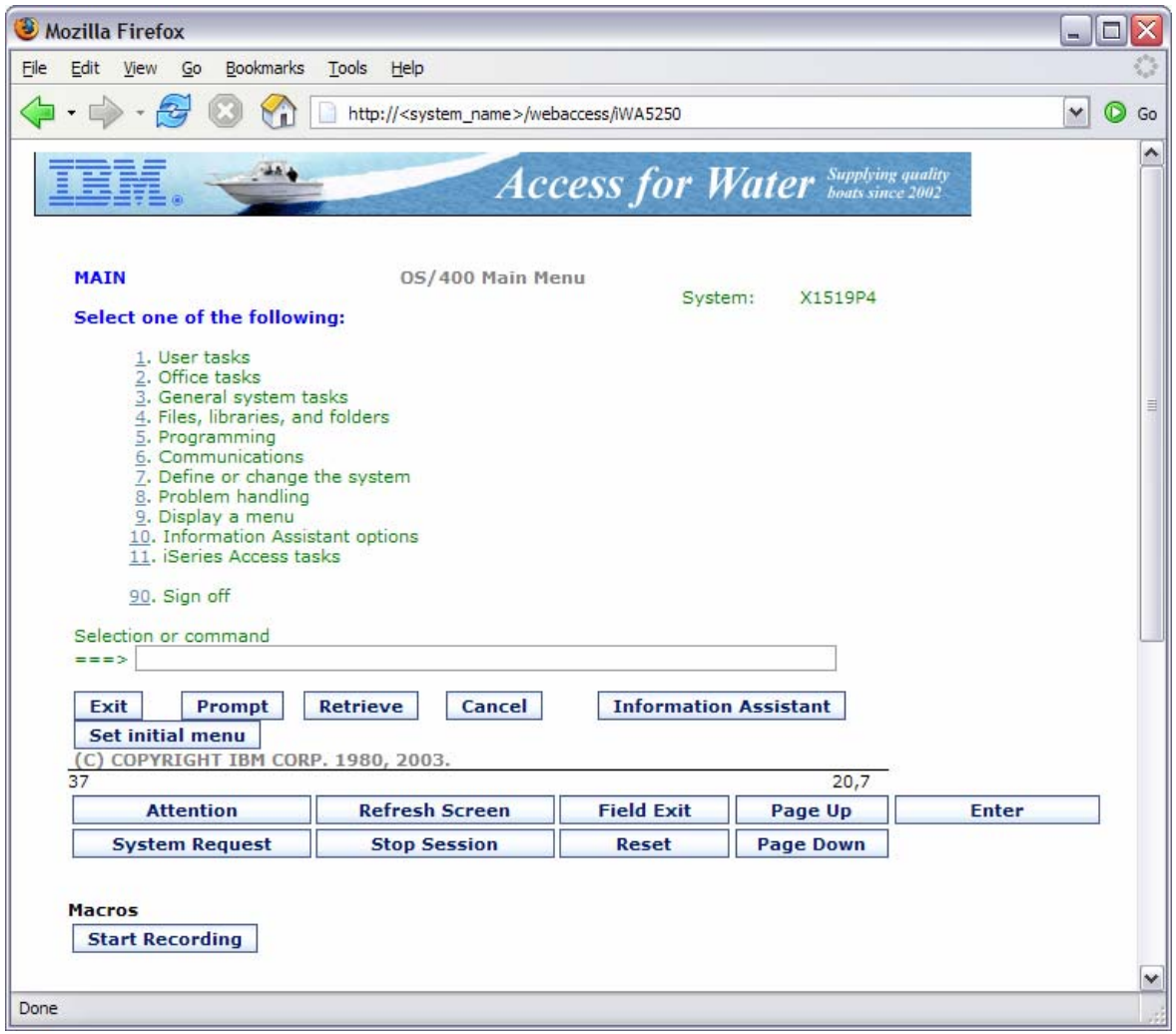
iWA servlet Template - structure

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.

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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

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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/iseries/access/pdf/build_website_article.pdf
  - iSeries 400 Experts Journal

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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

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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.

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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

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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.

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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

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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.

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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.

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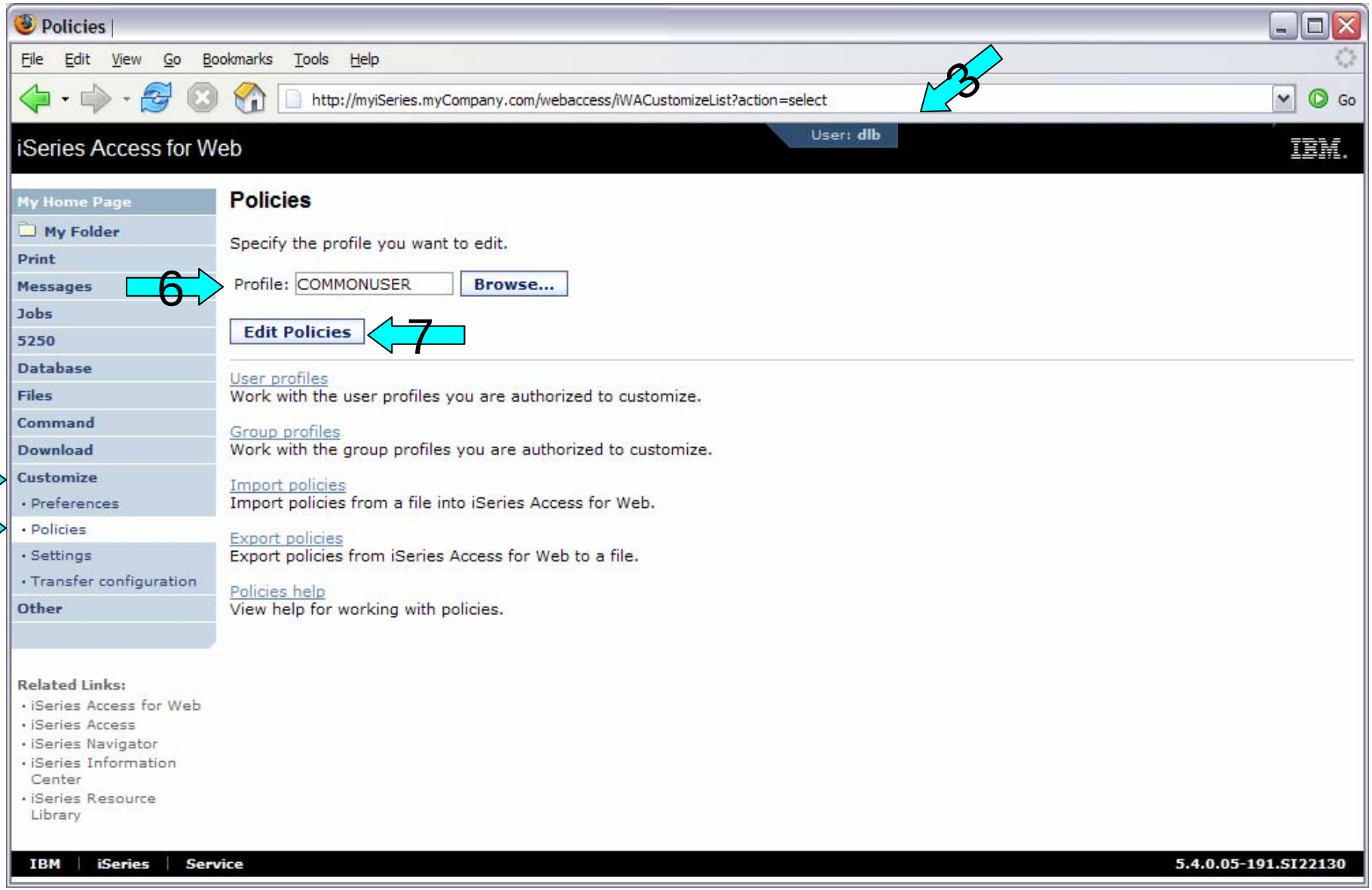
Step 3 - Customize policies to use .html files



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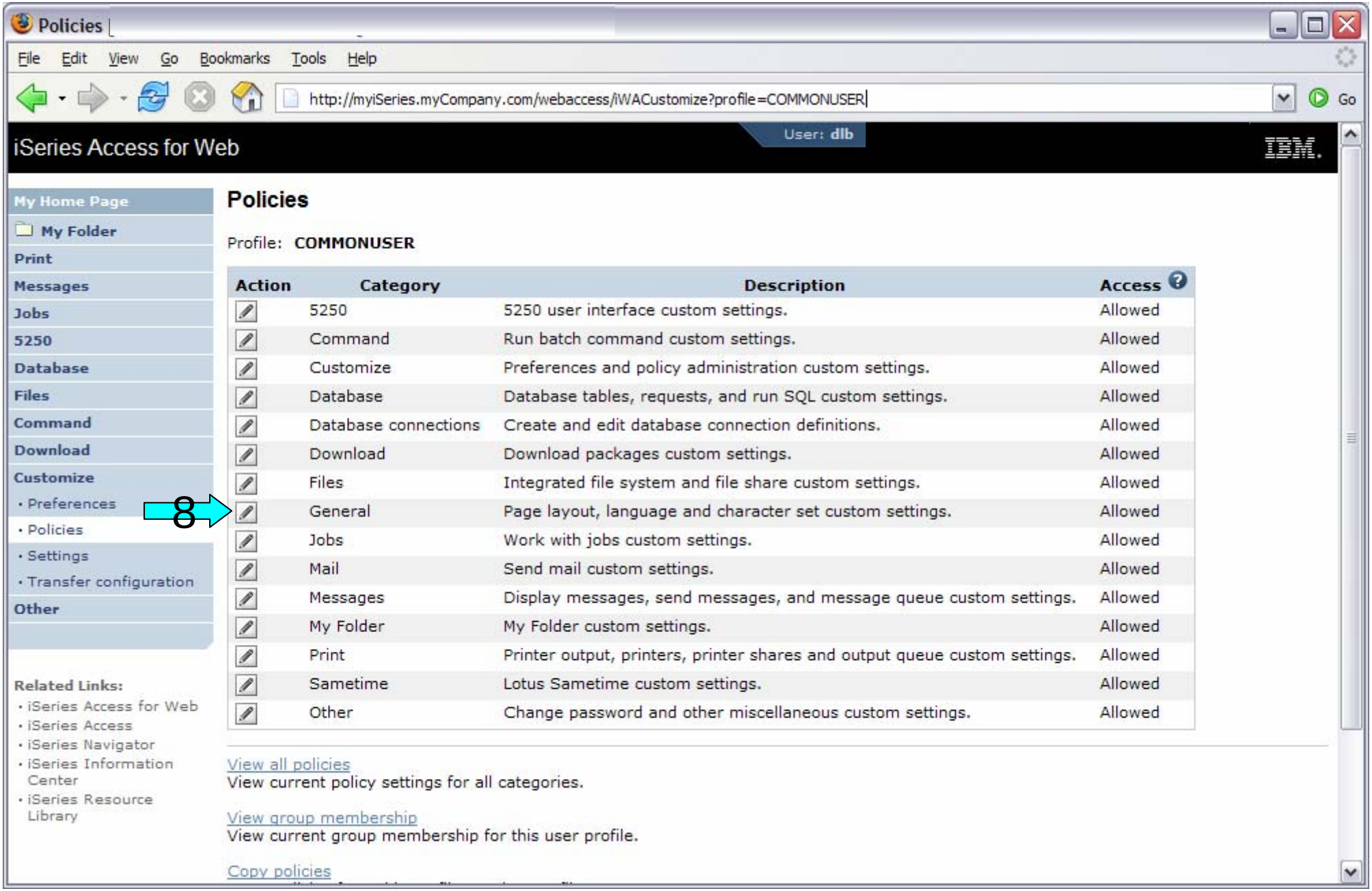
Step 3 - Customize policies to use .html files



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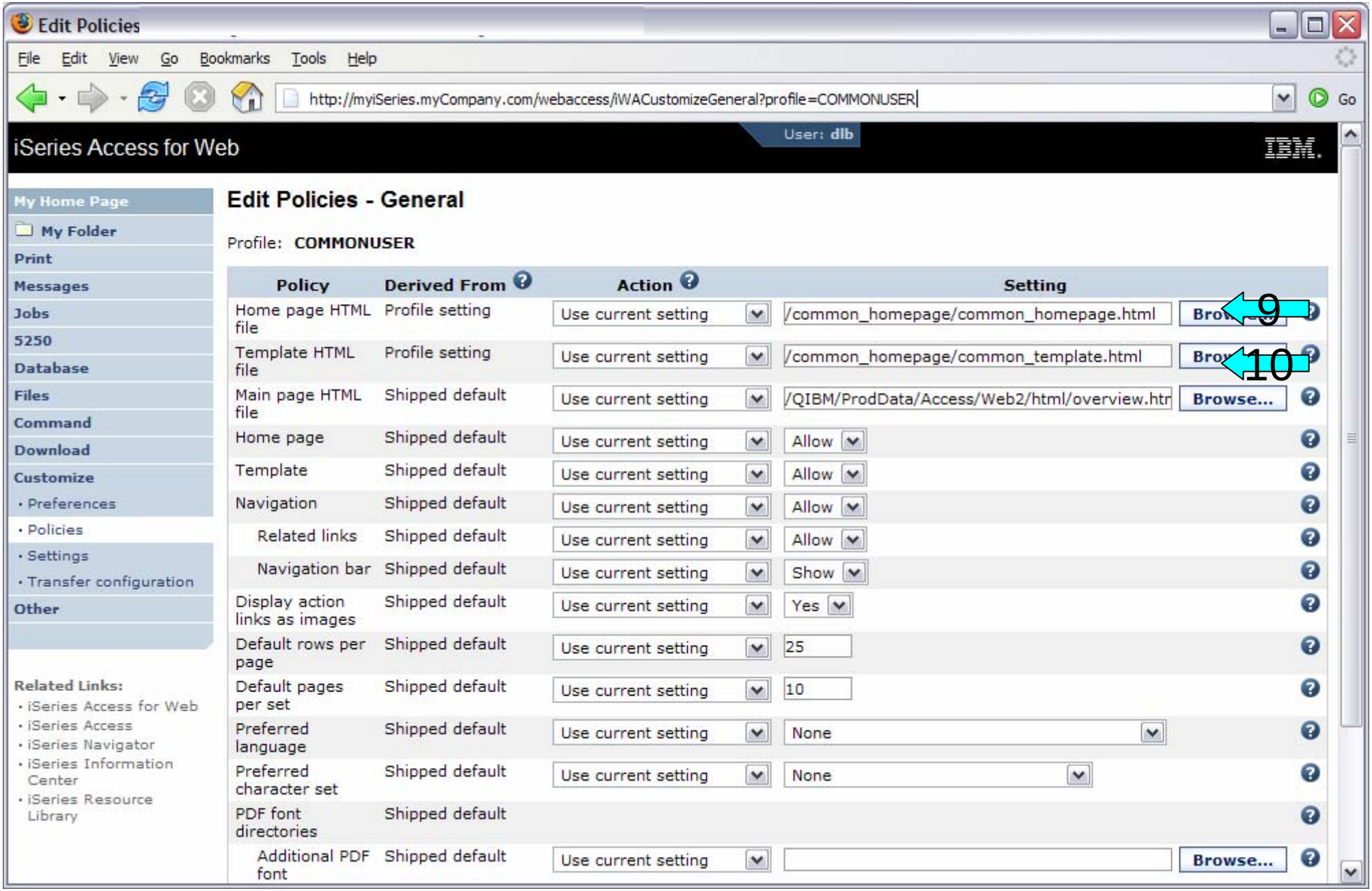
Step 3 - Customize policies to use .html files



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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.

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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 **%%STYLESHEET%%**
     - <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.

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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">
```

For Help, press F

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
```

For Help, press F1

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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.

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Step 4 – Update .html files – add header image

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" 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">
```

For Help, press F1

3

4

common_ho

File Edit View

```
<!doctyp
<HTML>
<HEAD>
<!-- TRANS
  <META ht
  <TITLE>%
  %%STYLES
  <LINK re
  <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">
```

For Help, press F1

3

4

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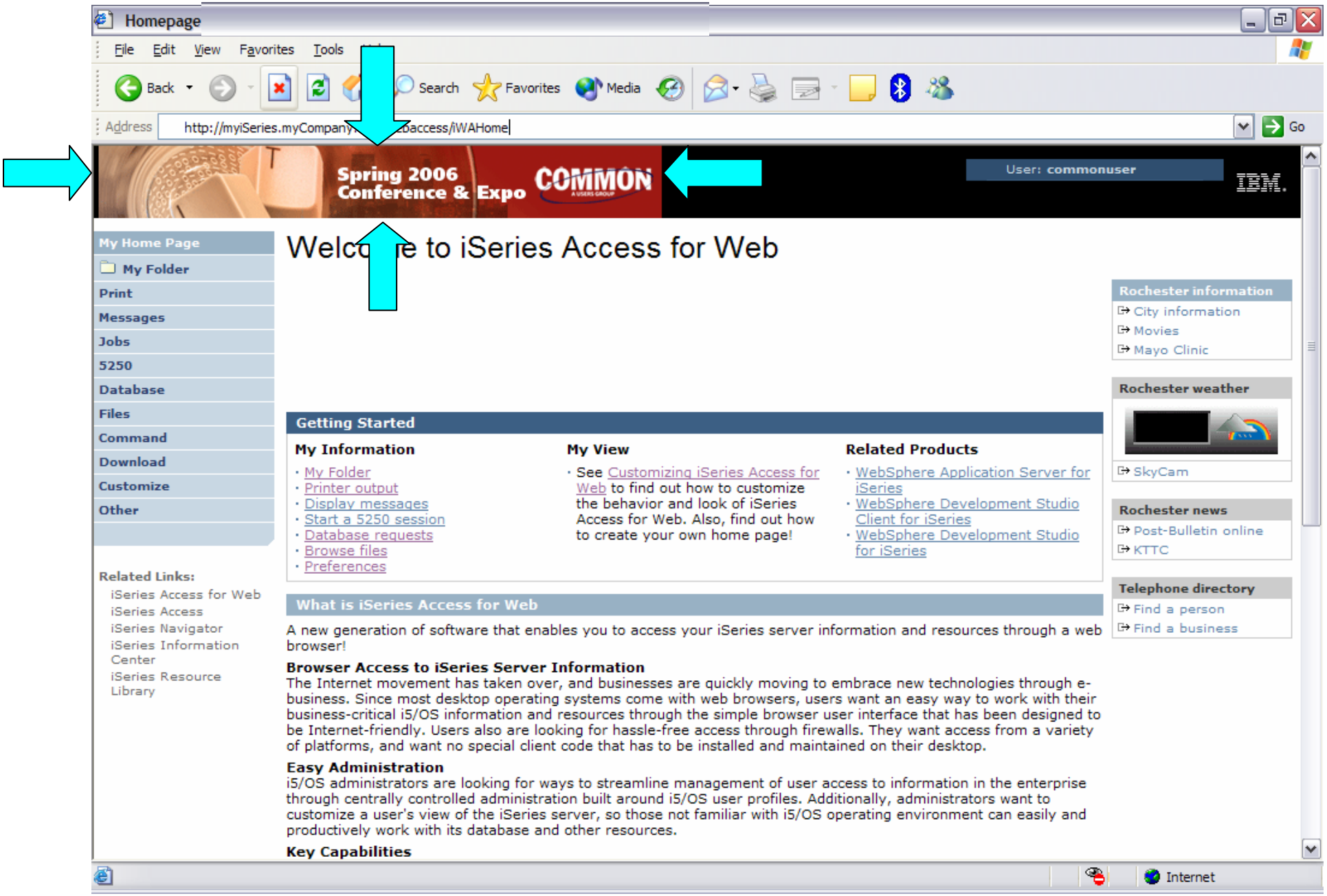
Step 4 – Update .html files – add header image



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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.

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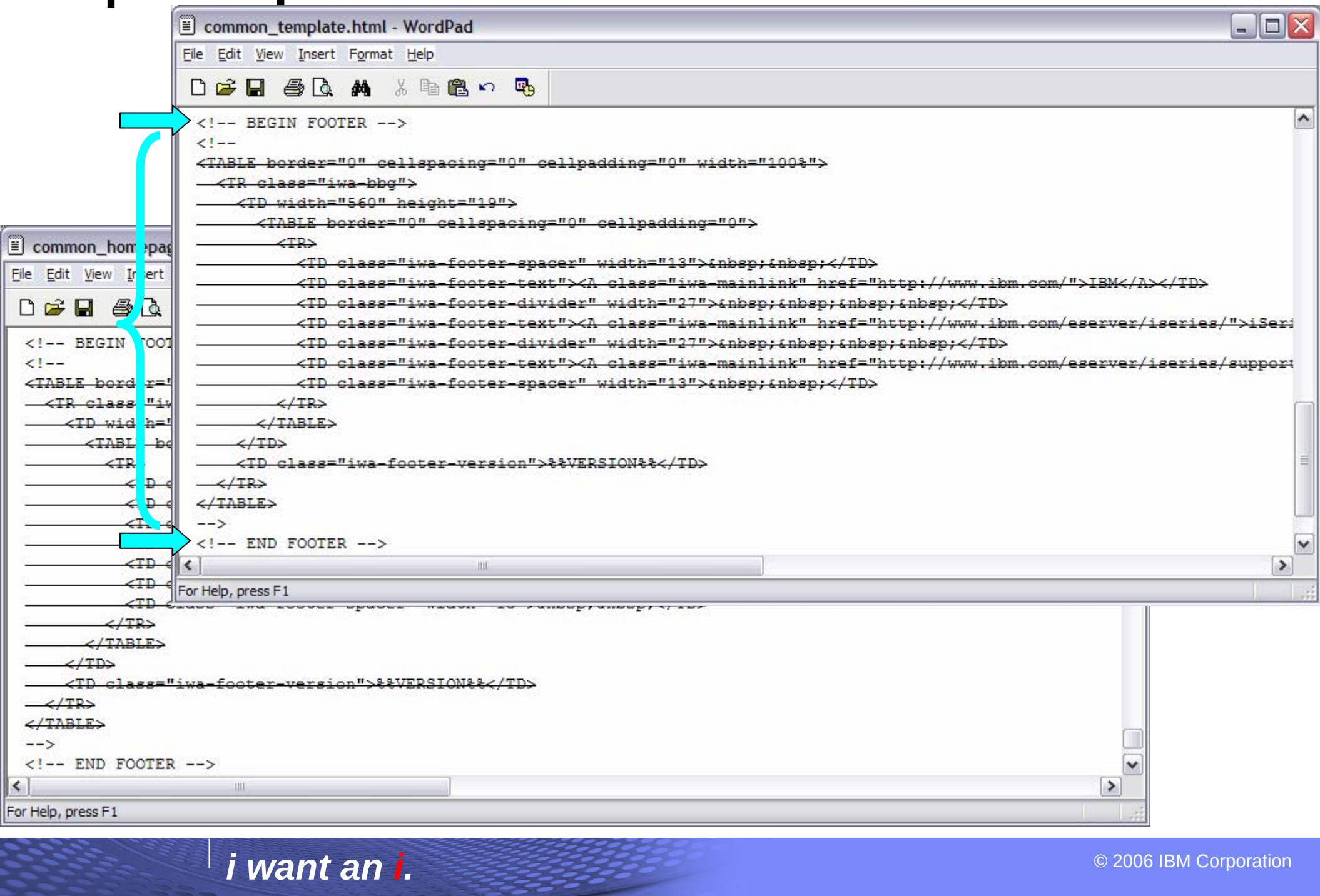
Step 4 – Update .html files – remove footer



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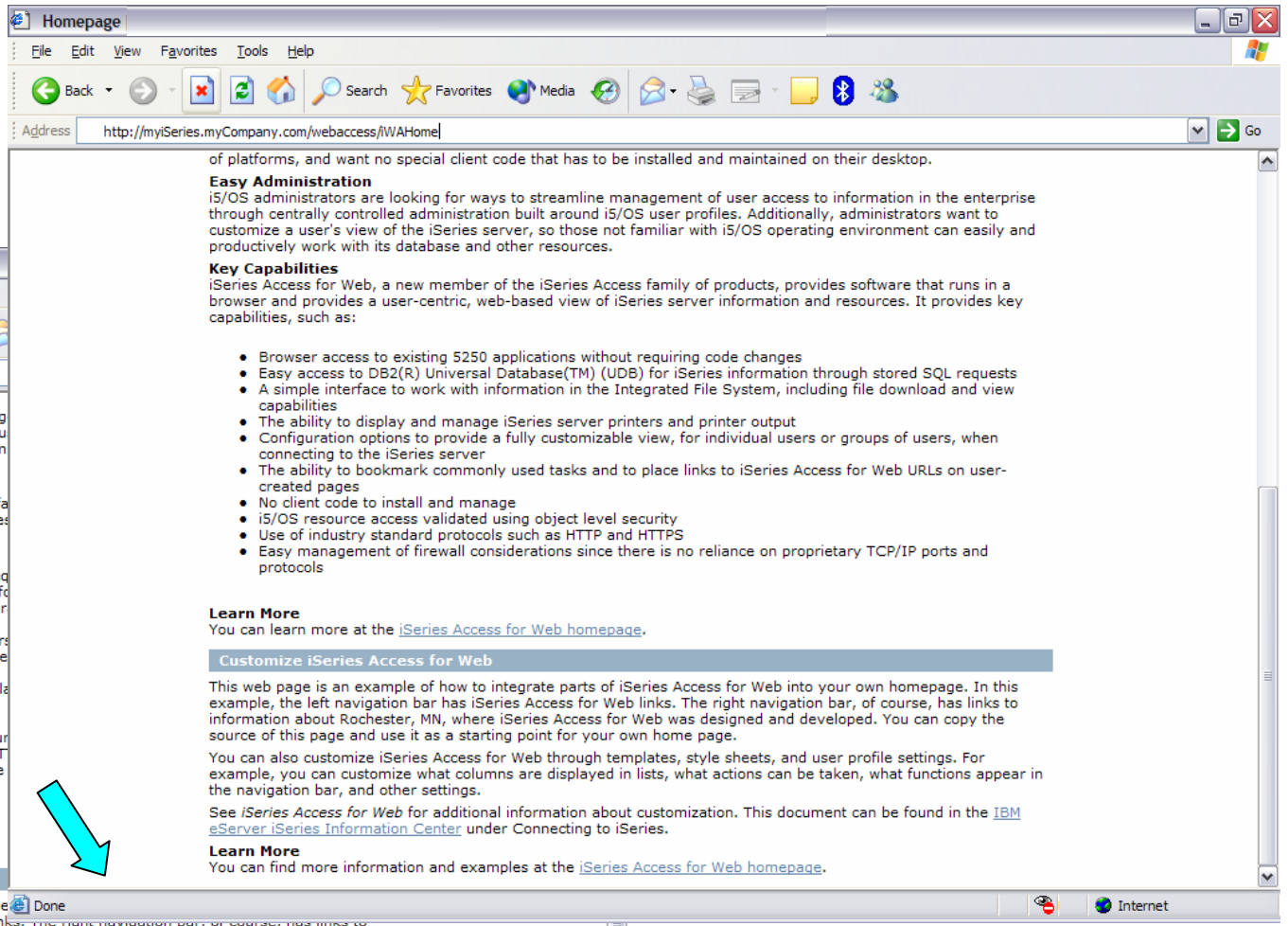
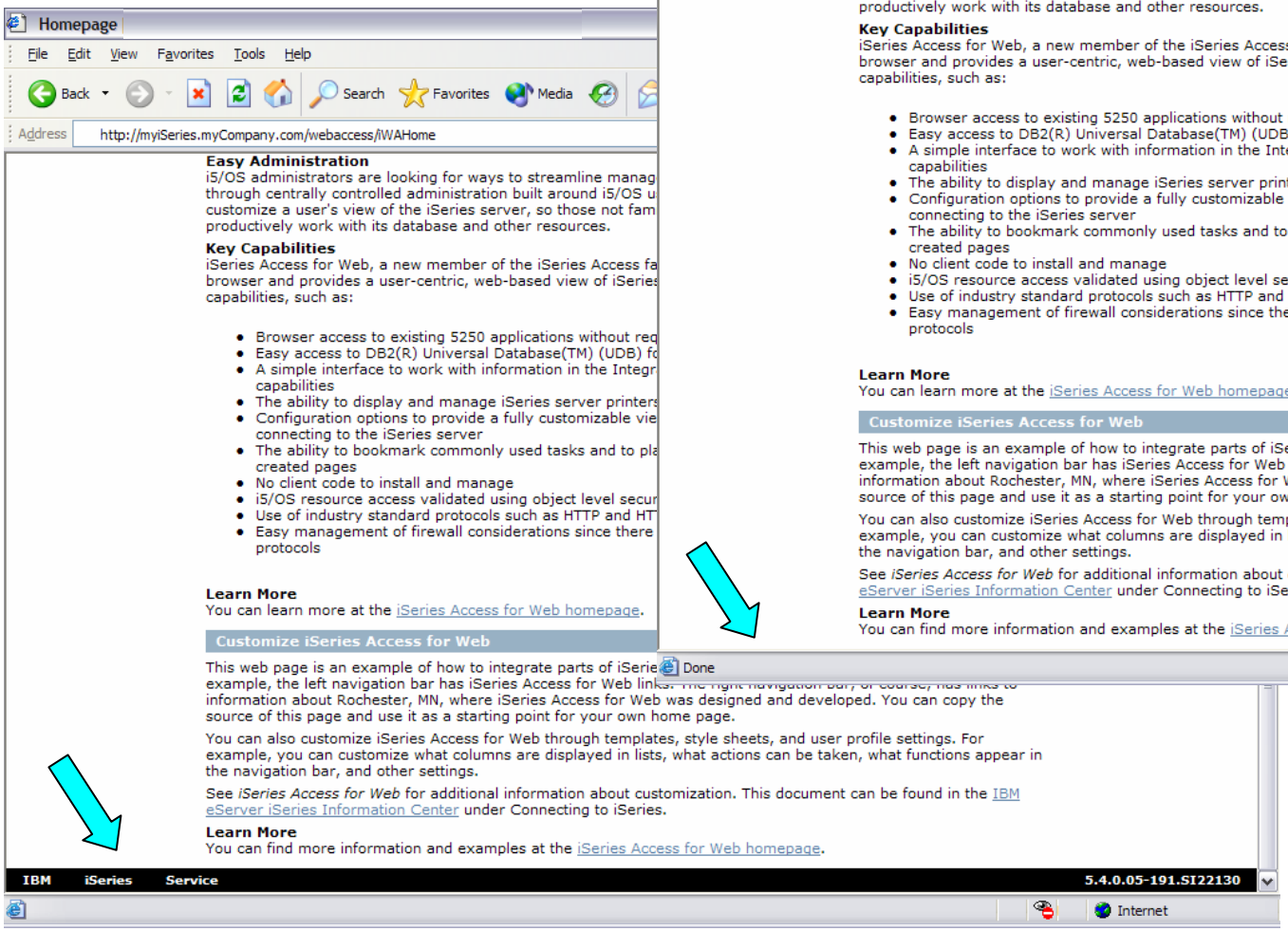
Step 4 – Update .html files – remove footer

After



Before



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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.

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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/
  - 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.

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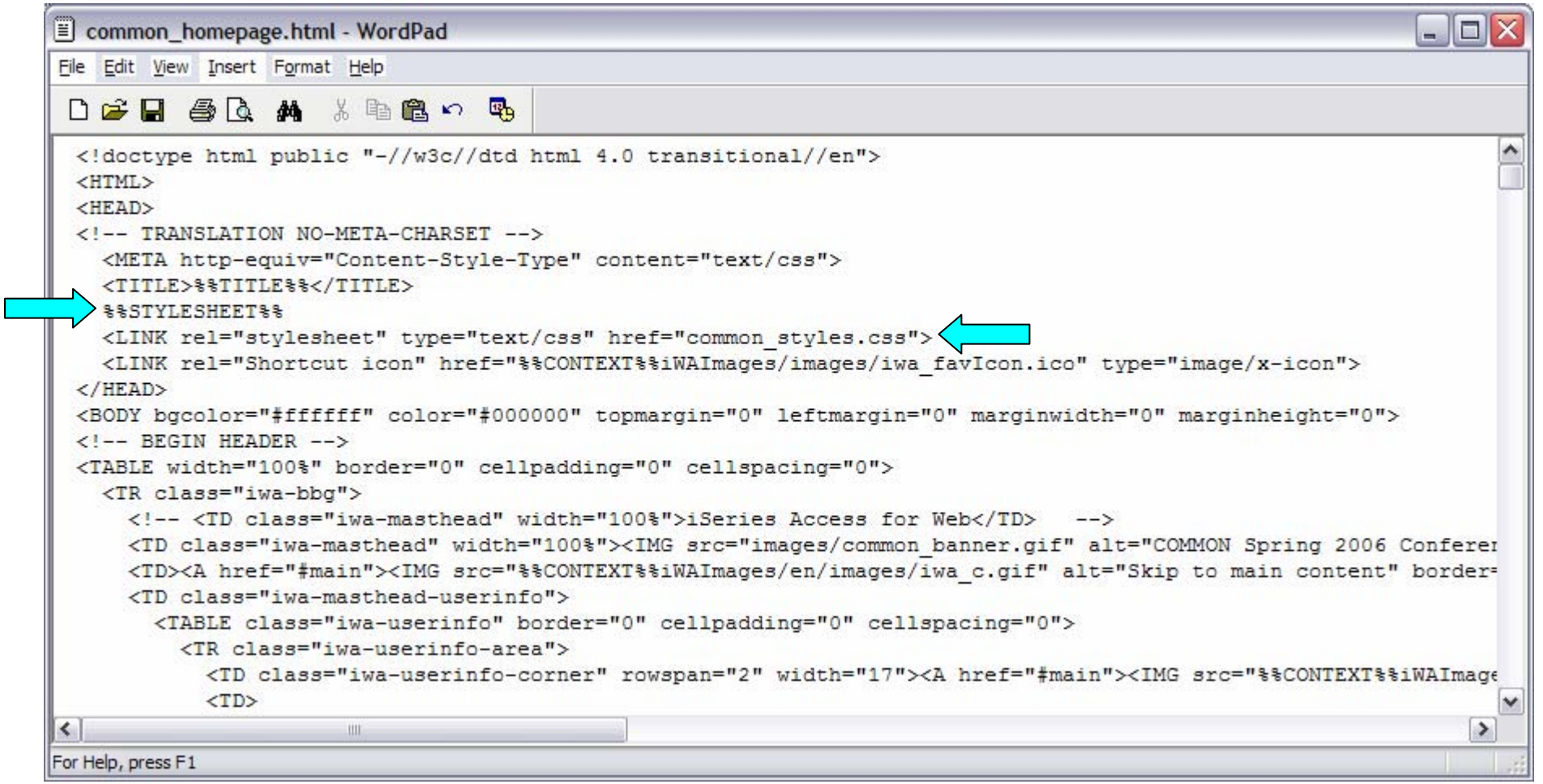
Step 5 – Update cascading style sheet



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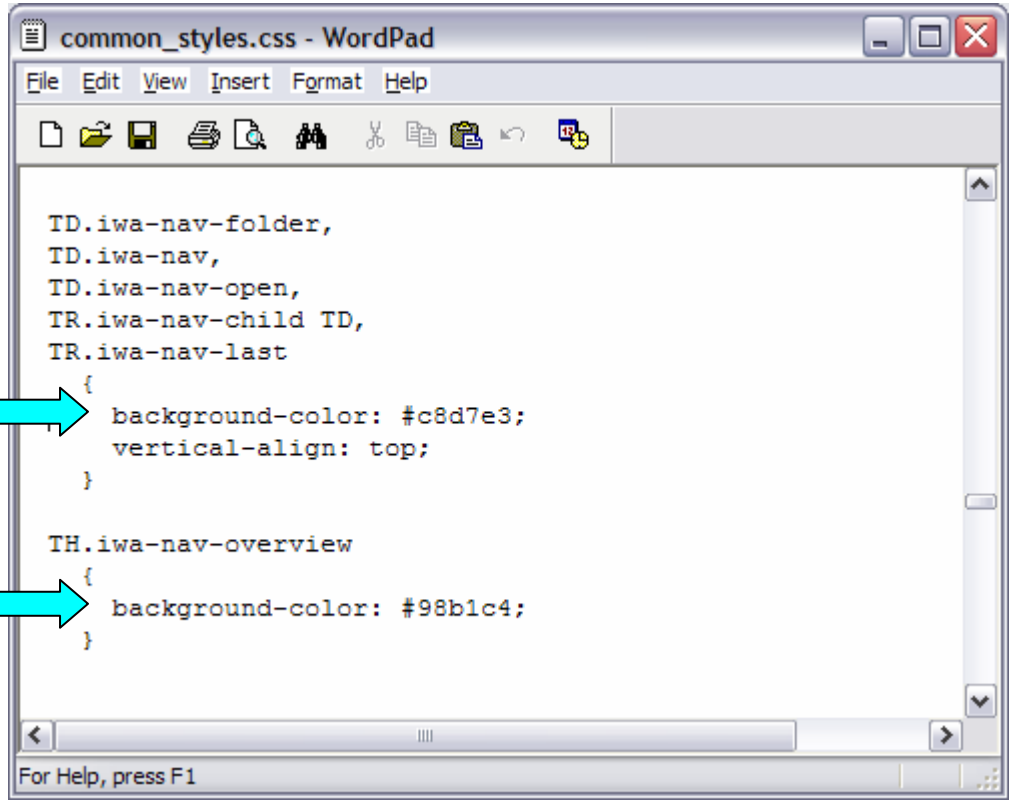
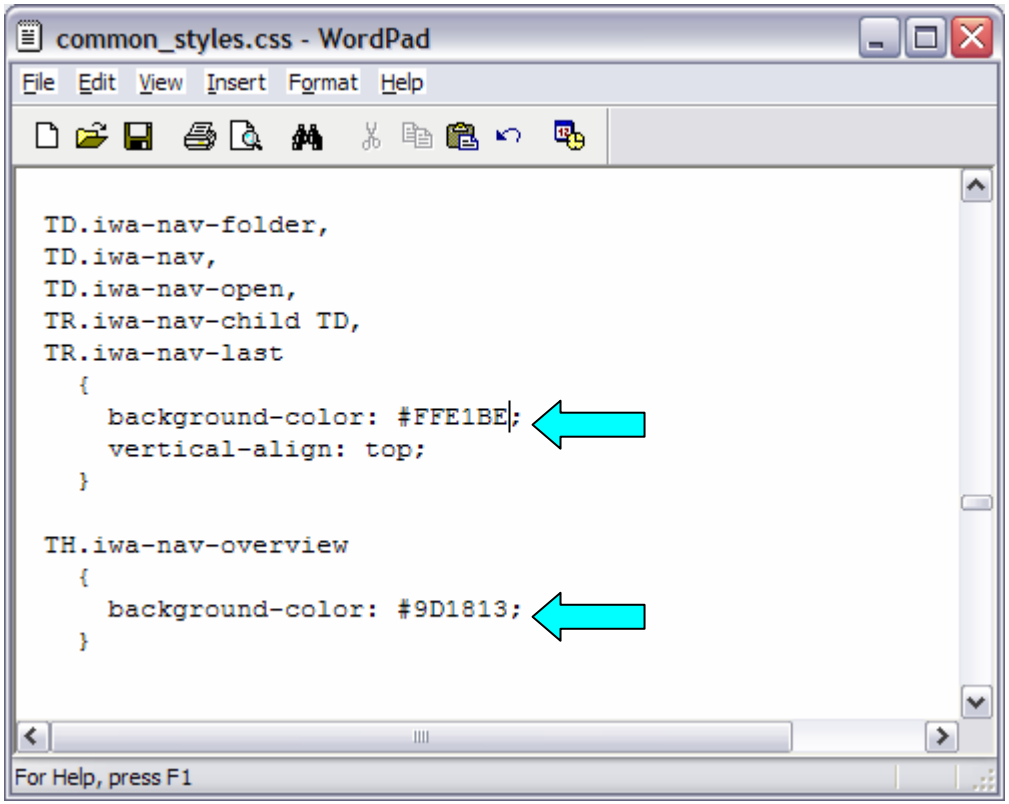
Step 5 – Update cascading style sheet

Original navigation bar settings



Changed navigation bar settings



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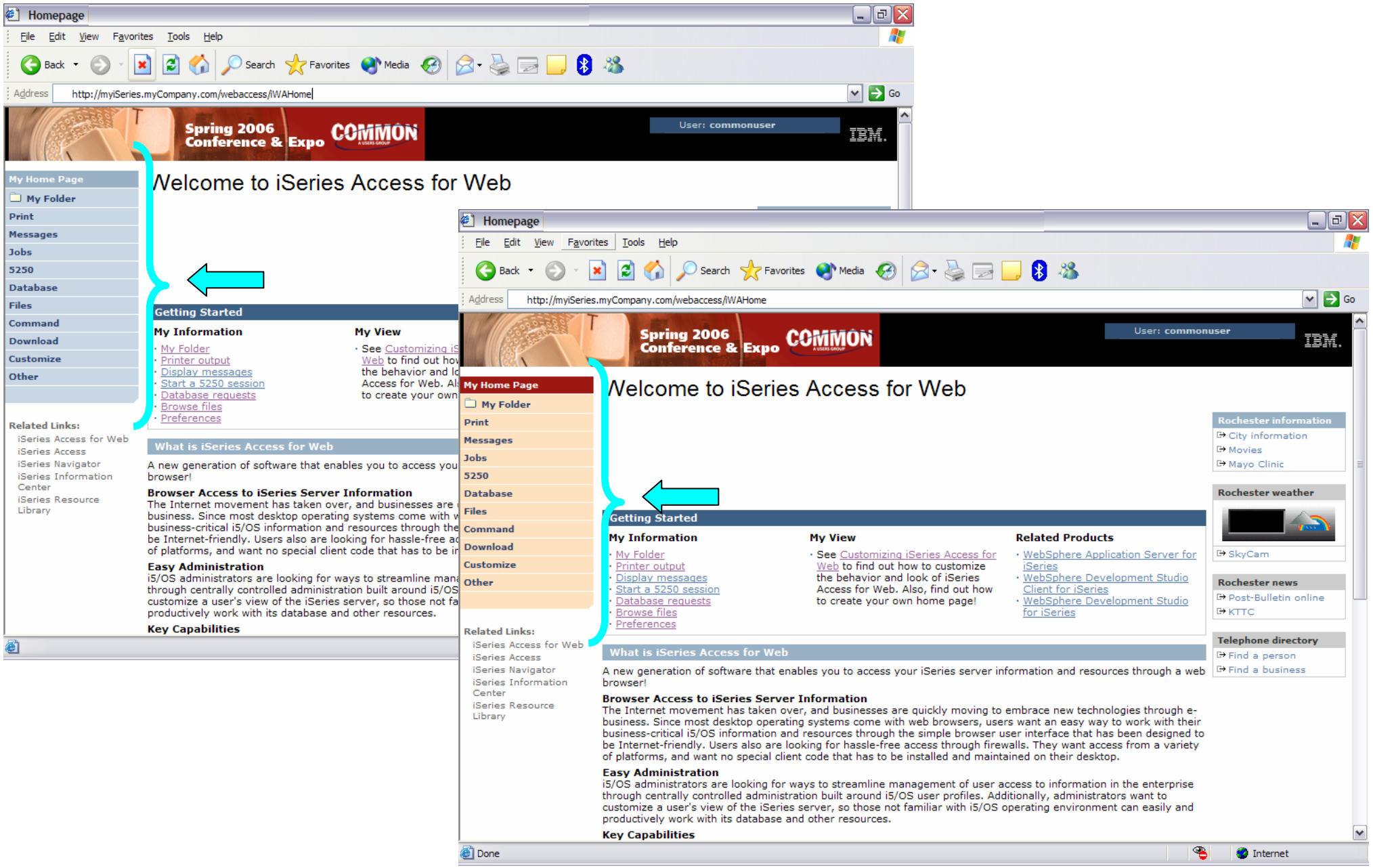
Step 5 – Update cascading style sheet



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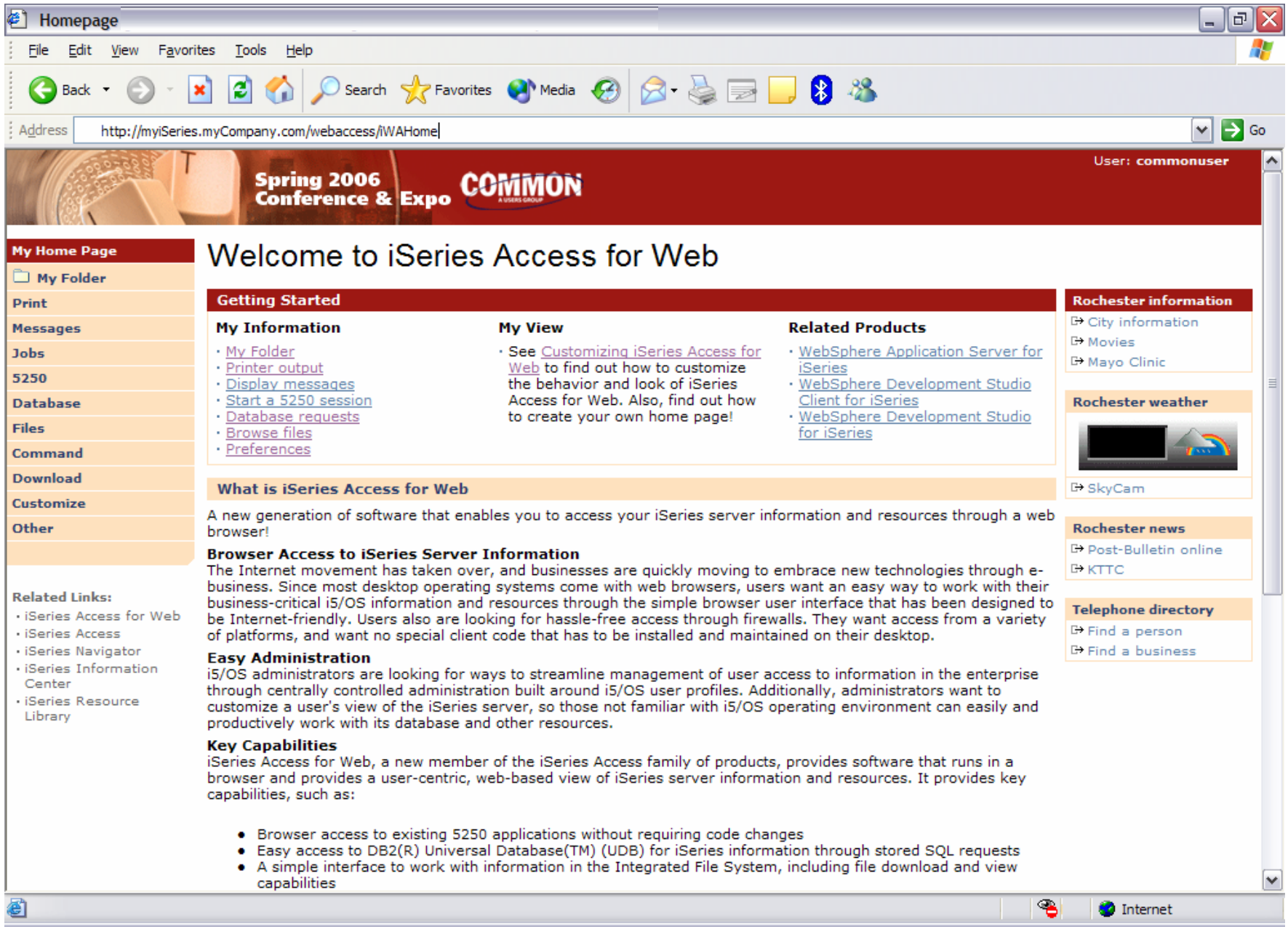
Step 5 – Update cascading style sheet



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iSeries & WebSphere Resources & Deliverables

iSeries Information Center
http://www.ibm.com/iseries/infocenter

iSeries site
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

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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/

WebSphere Payment Manager
www-4.ibm.com/software/webservers/paymgr/

MQSeries
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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