

**Appendix B.
Homepage Customization**



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

The screenshot shows a web browser window titled "Homepage" with the address bar displaying "http://myiSeries.myCompany.com/webaccess/iWAHome". The page content includes a navigation menu on the left, a main heading "Welcome to iSeries Access for Web", and several informational sections.

Navigation Menu (Left):

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

Main Content:

Welcome to iSeries Access for Web

User: dlb

Getting Started

My Information	My View	Related Products
<ul style="list-style-type: none"> My Folder Printer output Display messages Start a 5250 session Database requests Browse files Preferences 	<ul style="list-style-type: none"> 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! 	<ul style="list-style-type: none"> 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

Right Side Widgets:

- 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

Functional Look

Printer Output for dlb

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	QUSRSY
QPRINT		10/10/05 11:59 AM	1	1	Ready	...	DLB	QIIASRV	413837	1	QUSRSY
QPRINT		10/10/05 11:59 AM	1	1	Ready	...	DLB	QIIASRV	413827	1	QUSRSY
QPRINT		10/14/05 9:42 AM	1	1	Ready	...	DLB	QIIASRV	417733	1	QUSRSY
QPJOBLOG	QPADEV000G	1/11/06 7:15 AM	3	1	Ready	...	DLB	QPADEV000G	530816	1	QUSRSY
QPJOBLOG	QPADEV000G	1/11/06 10:34 AM	2	1	Ready	...	DLB	QPADEV000G	530882	1	QUSRSY
QPRINT		1/18/06 6:55 AM	1	1	Ready	...	DLB	QPRTJOB	546623	1	QUSRSY
QPRINT		1/18/06 6:55 AM	1	1	Ready	...	DLB	QPRTJOB	546623	2	QUSRSY
QPRINT		1/18/06 6:57 AM	1	1	Ready	...	DLB	QPRTJOB	546623	3	QUSRSY
QPRINT		1/18/06 6:58 AM	1	1	Ready	...	DLB	QPRTJOB	546623	4	QUSRSY
QPJOBLOG	QPADEV000G	1/24/06 6:29 AM	2	1	Ready	...	DLB	QPADEV000G	553698	1	QUSRSY
QPJOBLOG	QPADEV000G	1/24/06 7:22 AM	3	1	Ready	...	DLB	QPADEV000G	553711	1	QUSRSY

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)

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 Browse...
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

HomePage before – iWAHome servlet

Homepage

File Edit View Go Bookmarks Tools Help

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

iSeries Access for Web User: dlb

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

<p>My Information</p> <ul style="list-style-type: none"> My Folder Printer output Display messages Start a 5250 session Database requests Browse files Preferences 	<p>My View</p> <ul style="list-style-type: none"> 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! 	<p>Related Products</p> <ul style="list-style-type: none"> WebSphere Application Server for iSeries WebSphere Development Studio Client for iSeries WebSphere Development Studio for iSeries
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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 Refresh Print Mail Bluetooth

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

User: commonuser

Spring 2006 Conference & Expo COMMON

Welcome to iSeries Access for Web

My Home Page

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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](#)
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http://<system>/webaccess/iWAHome

The image displays two overlapping screenshots of the iSeries Access for Web interface. The top screenshot shows the 'iSeries Access for Web' homepage with a navigation menu on the left and a 'Getting Started' section. The bottom screenshot shows a more detailed view of the 'Getting Started' section with sub-sections like 'My Information', 'My View', and 'Related Products'.

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!

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Related Links:



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

HomePage after – iWAHome (another example)

Access for Water - Microsoft Internet Explorer

File Edit View Favorites Tools Help

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


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.

Site Support

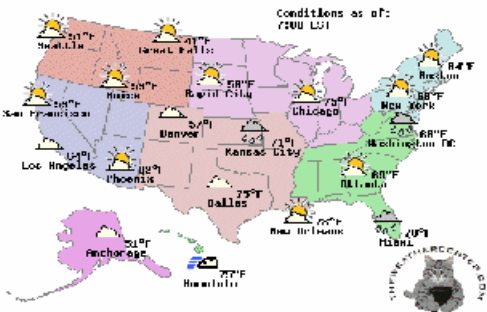
Your comments are important to us. Please let us know if you have any questions or if we can help you in any way. Address your message to user BOATHELP. [Send us a message](#)

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

The screenshot shows a web browser window titled "Quick View of BOATS.BOATS". The browser's address bar is empty, and the menu bar includes File, Edit, View, Favorites, Tools, and Help. The toolbar contains icons for Back, Forward, Stop, Refresh, Home, Search, Favorites, Media, Print, Mail, and Bluetooth. The main content area features a banner for "Access for Water" with the IBM logo and the text "Supplying quality boats since 2002". Below the banner is a "Home" link. The main heading is "Current Orders", followed by a pagination control showing "[1] 2". A table lists various boat orders with columns for BTYPE, BNAME, BFEET, BYEAR, BCOST, BNT01, and BNT02.

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

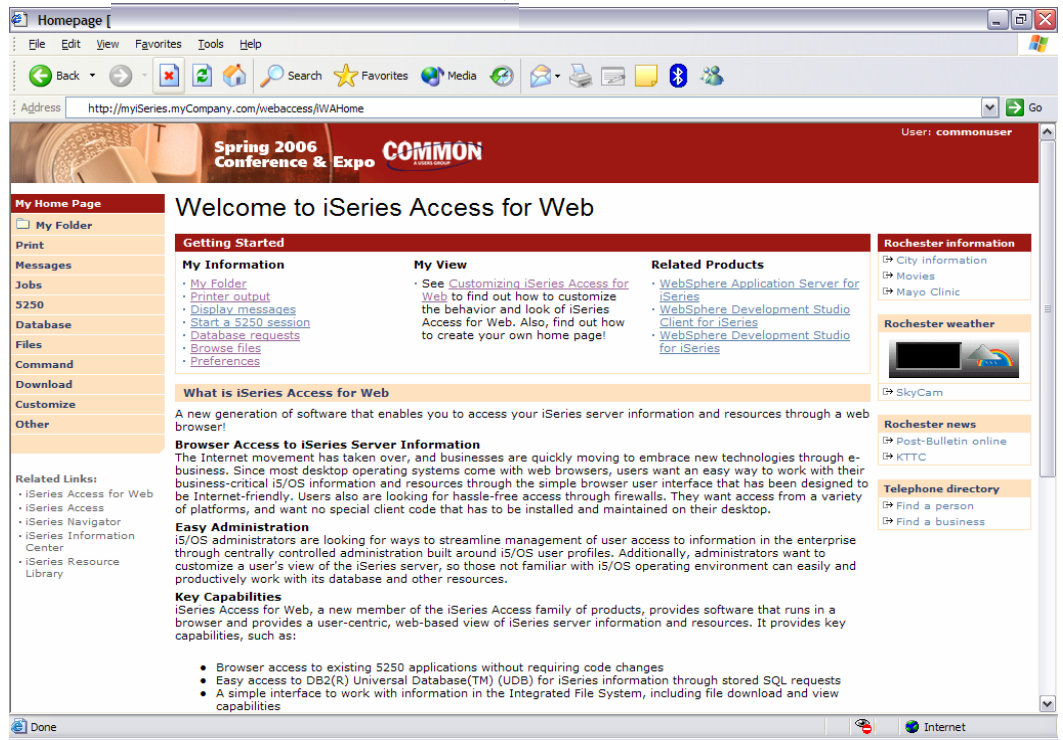
The browser status bar at the bottom shows "Done" and "Internet".

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.

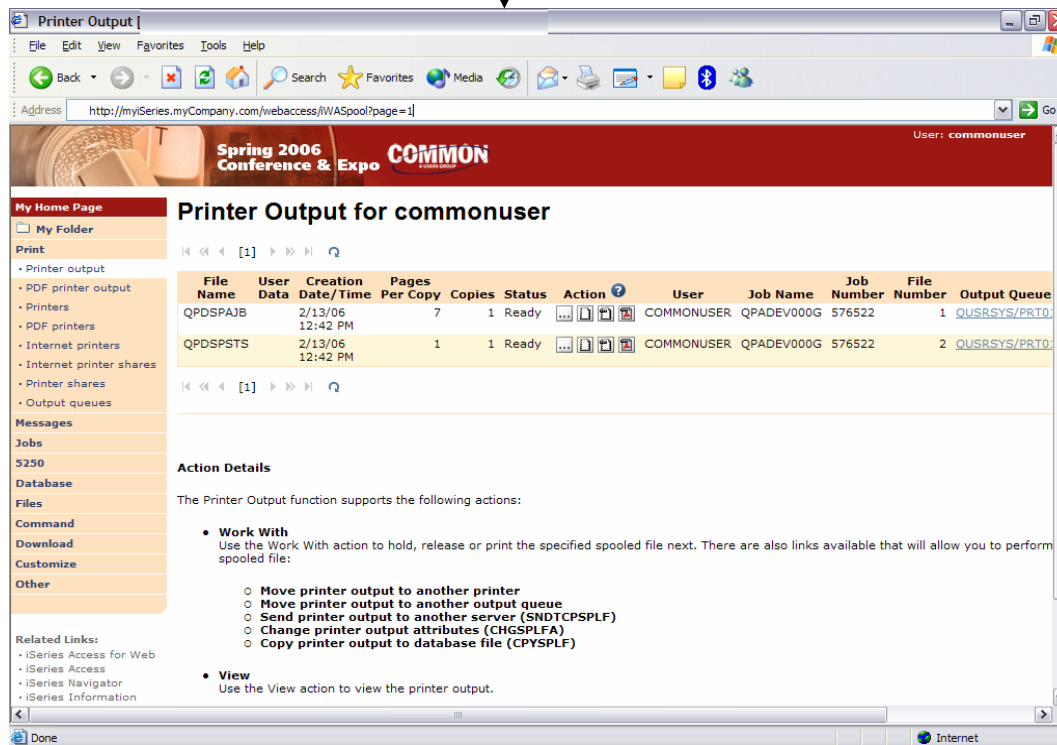
Image files
images/s06common.gif
images/iwa_navCorner.gif

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>



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.

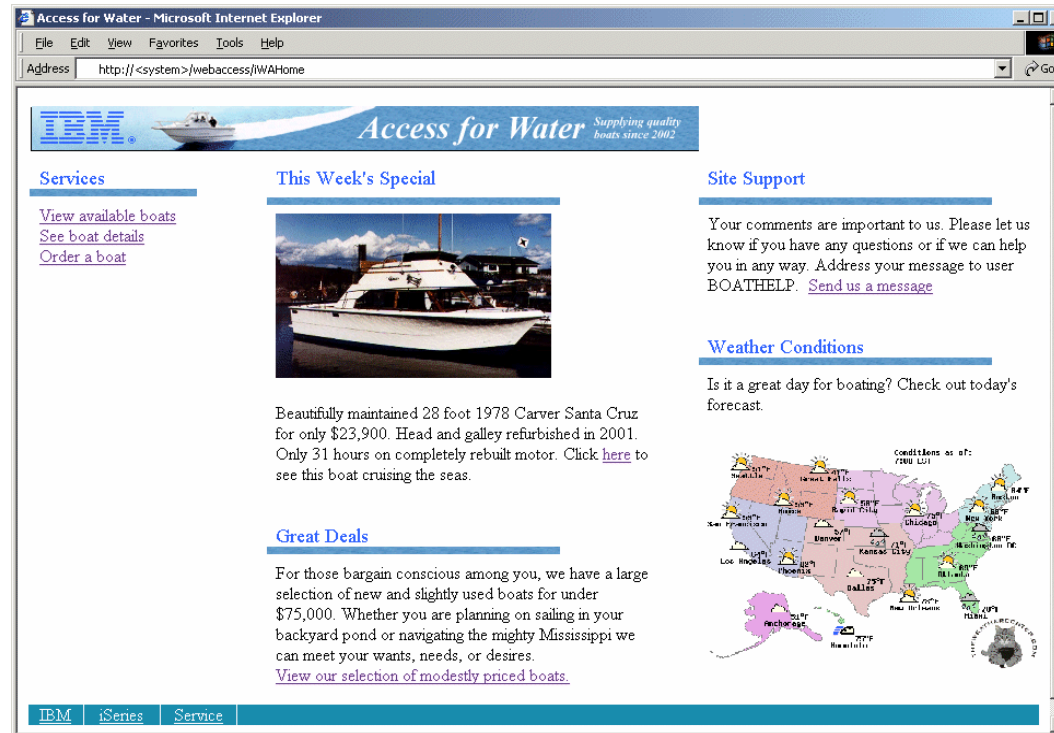
**Let's demonstrate how to
build a home page to your i5/OS**

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, multimedia, 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

- 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

iWAHome - structure

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

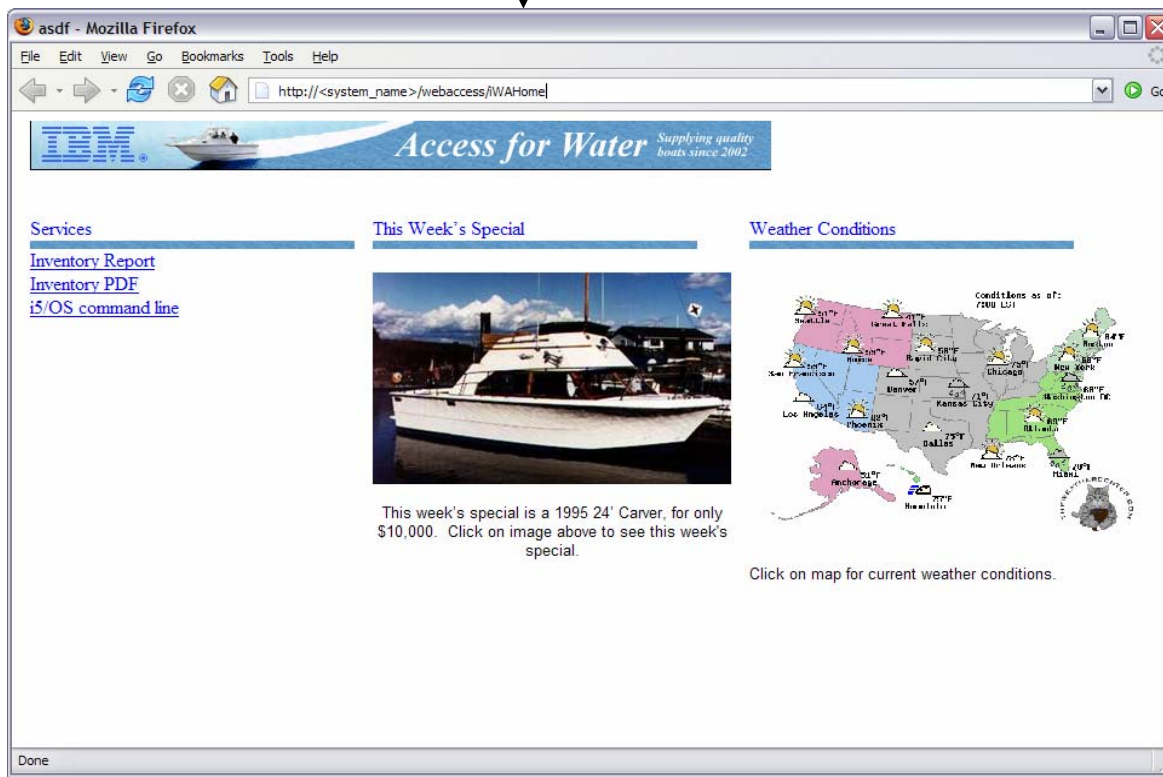
Homepage file

/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

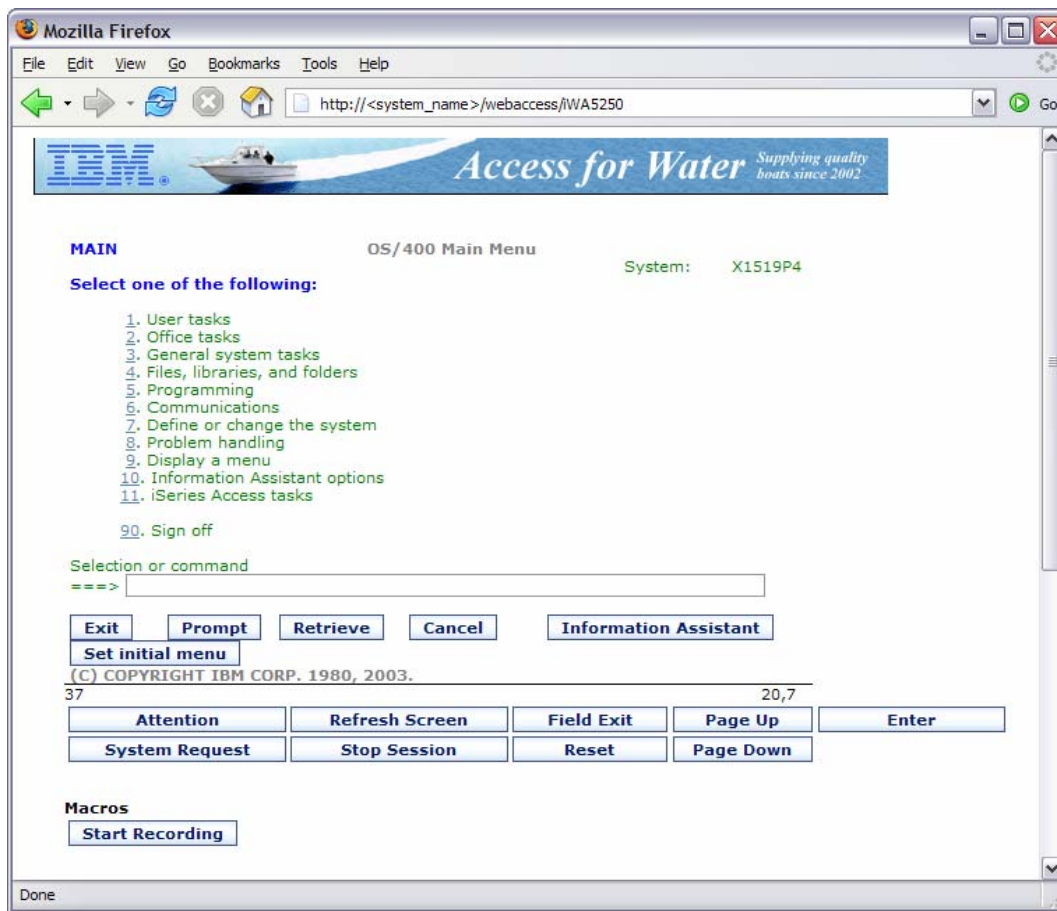
/QIBM/ProdData/Access/Web2/html/iwa_styles.css

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

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
 - 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

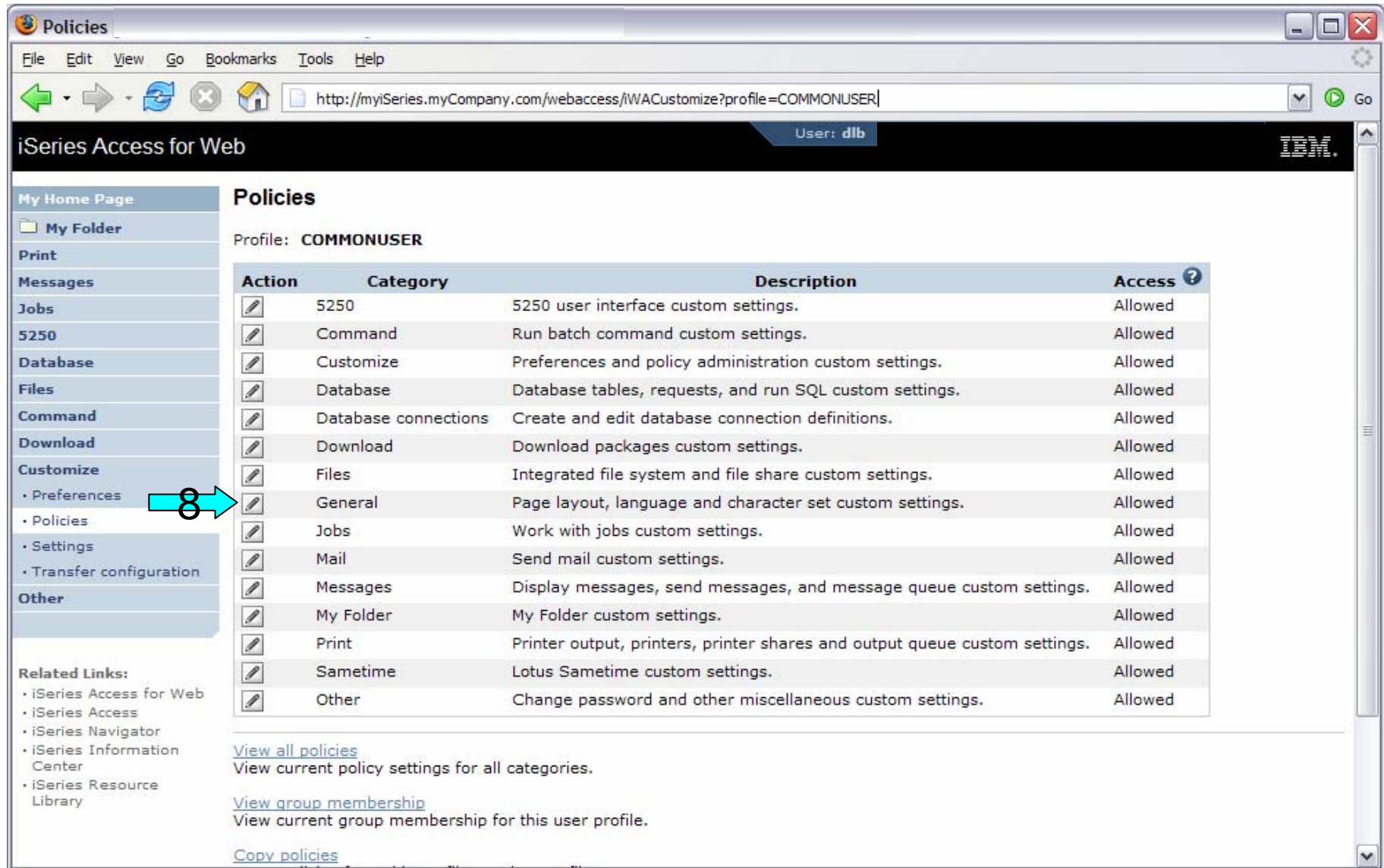
- System i Access for Web policies need to be changed to use the .html files.
- This will allow you to verify the incremental changes to the .html source in the following steps.
- Customize policies for a test user profile to use the modified .html files.

- 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 a web browser window titled "Policies" with the URL `http://myiSeries.myCompany.com/webaccess/iWACustomizeList?action=select`. The browser's address bar has a red arrow labeled "3" pointing to it. The page content includes a sidebar on the left with a "Customize" section containing "Policies" (indicated by a red arrow labeled "5") and "Settings" (indicated by a red arrow labeled "4"). The main content area is titled "Policies" and contains a form with a "Profile:" dropdown set to "COMMONUSER" and a "Browse..." button (indicated by a red arrow labeled "6"). Below the form is an "Edit Policies" button (indicated by a red arrow labeled "7"). The page also includes links for "User profiles", "Group profiles", "Import policies", "Export policies", and "Policies help". The footer of the page displays "IBM | iSeries | Service" and the version number "5.4.0.05-191.SI22130".

Step 3 - Customize policies to use .html files



IBM iSeries Access for Web

User: dlb

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	Buttons
Home page HTML file	Profile setting	Use current setting	/common_homepage/common_homepage.html	Browse... 9
Template HTML file	Profile setting	Use current setting	/common_homepage/common_template.html	Browse... 10
Main page HTML file	Shipped default	Use current setting	/QIBM/ProdData/Access/Web2/html/overview.htm	Browse...
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	Use current setting		?
Additional PDF font	Shipped default	Use current setting		Browse... ?

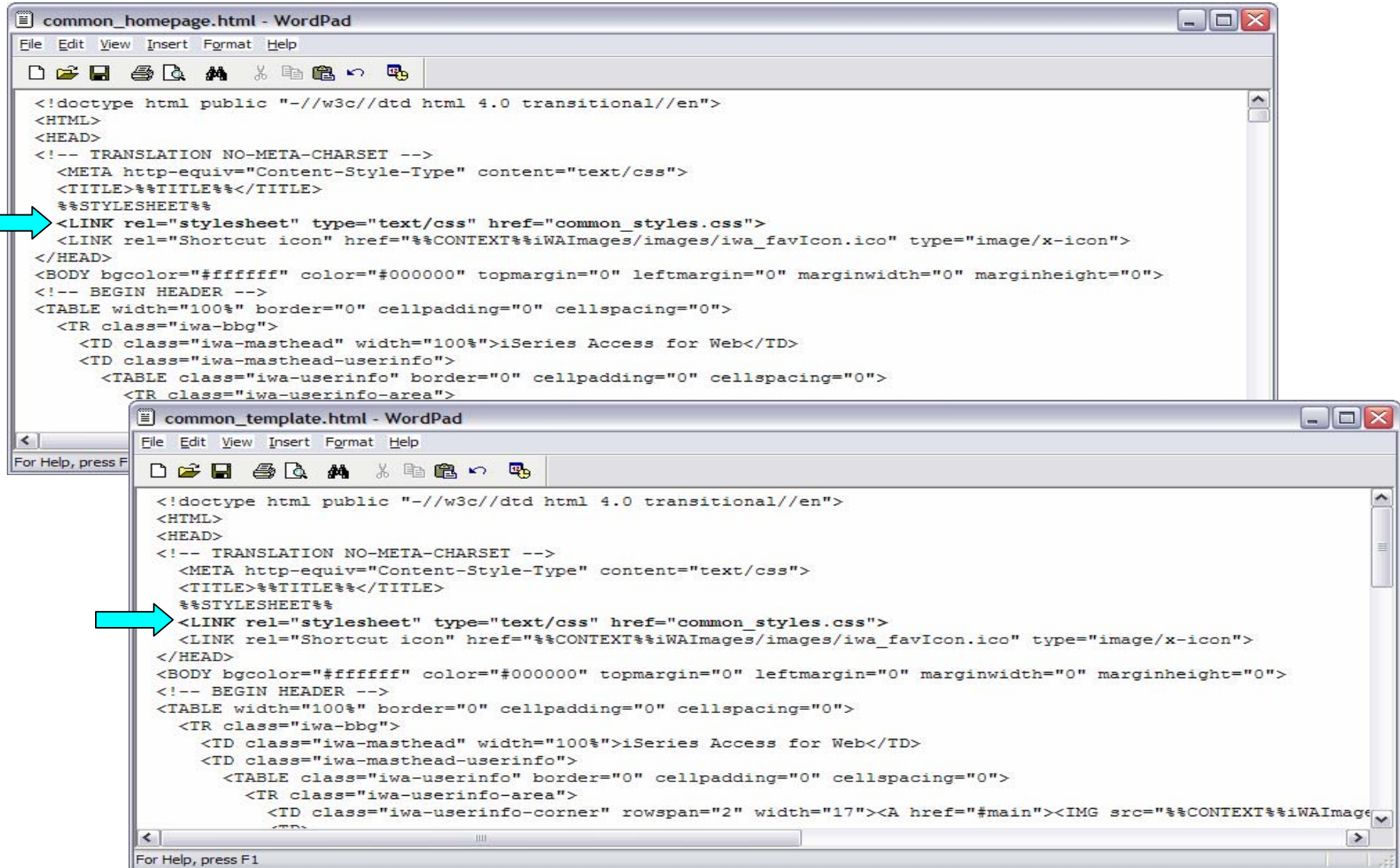
iWAHome – Steps to customize

- 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 **%%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.

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%"></TD>`
 - `<TD></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

```
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">
<TR class="iwa-userinfo-area">
</TR>
</TABLE>
</TD>
</TR>
</TABLE>
</BODY>
</HTML>
```

```
common_ho
File Edit View
<!doctype
<HTML>
<HEAD>
<!-- TRANS
<META ht
<TITLE>%%
%%STYLES
<LINK re
<LINK rel=
</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">
</TR>
</TABLE>
</TD>
</TR>
</TABLE>
</BODY>
</HTML>
```

Step 4 – Update .html files – add header image

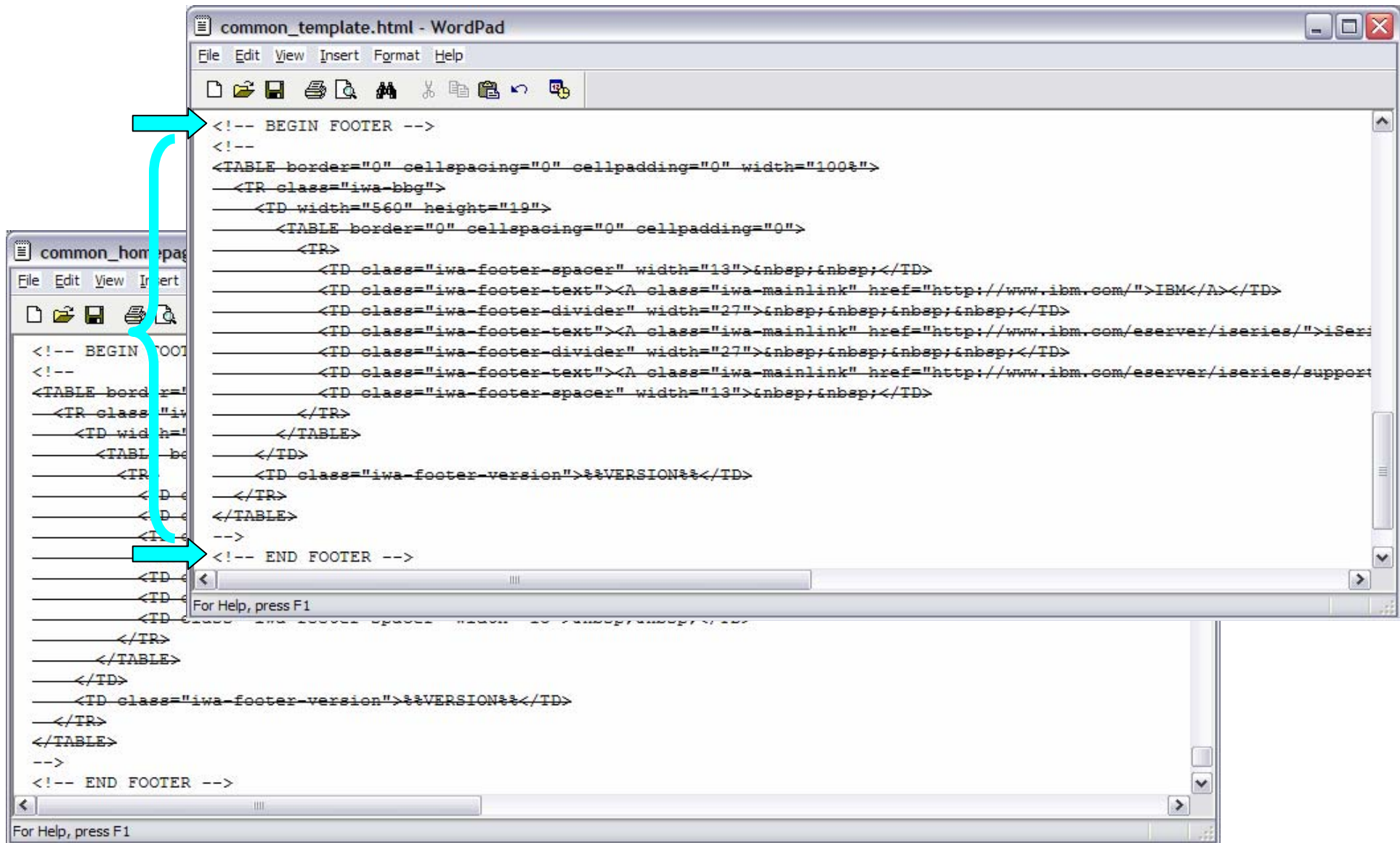
The screenshot displays a web browser window with the following elements:

- Browser Title:** Homepage
- Address Bar:** http://mySeries.myCompany.../iSeriesAccess/IWAHome
- Header:** Spring 2006 Conference & Expo COMMON A USIBS GROUP. User: commonuser. IBM logo.
- Main Content:** Welcome to iSeries Access for Web
- Left Sidebar:** My Home Page, My Folder, Print, Messages, Jobs, 5250, Database, Files, Command, Download, Customize, Other.
- Right Sidebar:** Rochester information (City information, Movies, Mayo Clinic), Rochester weather (SkyCam), Rochester news (Post-Bulletin online, KTTCC), Telephone directory (Find a person, Find a business).
- Main Content Sections:**
 - 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**
- Bottom Status Bar:** 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 screenshot shows two windows of a text editor (WordPad) displaying HTML code. The main window, titled "common_template.html - WordPad", shows the following code:

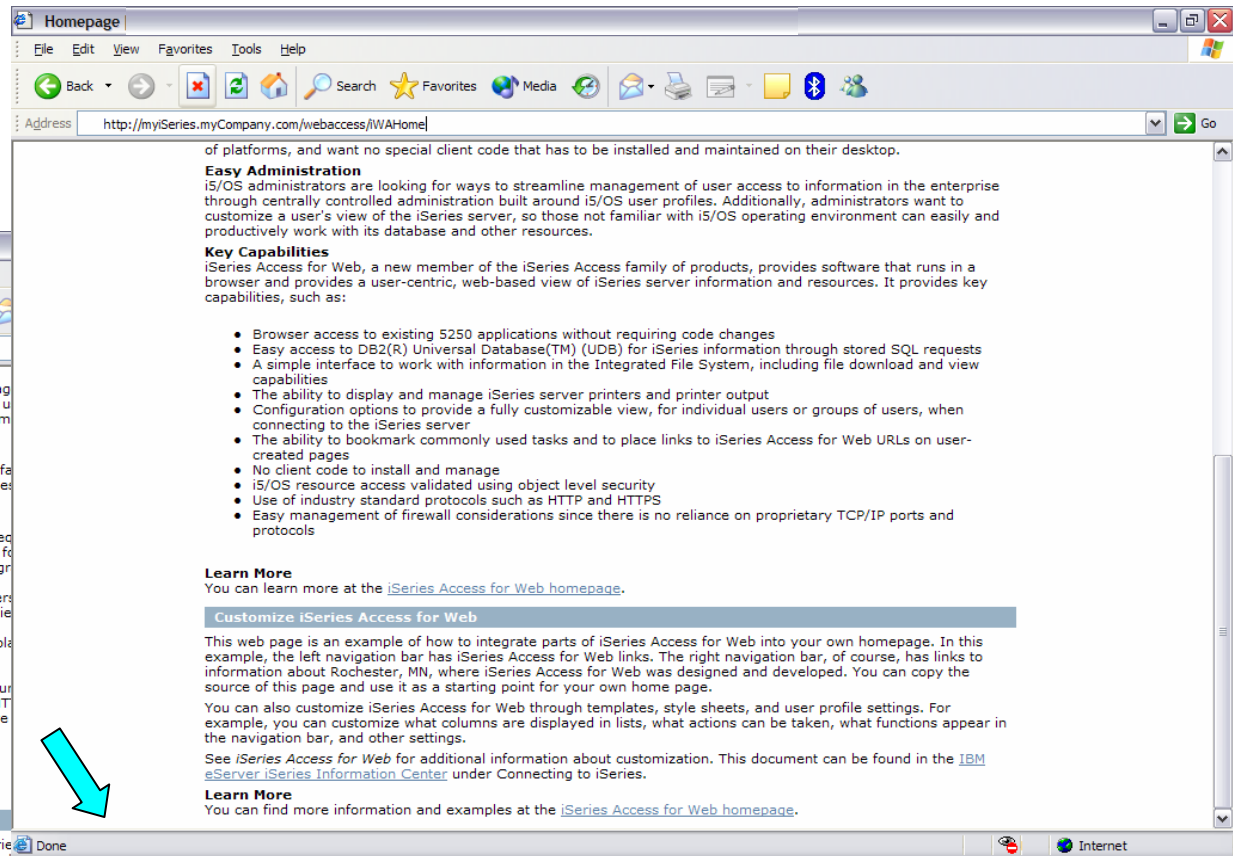
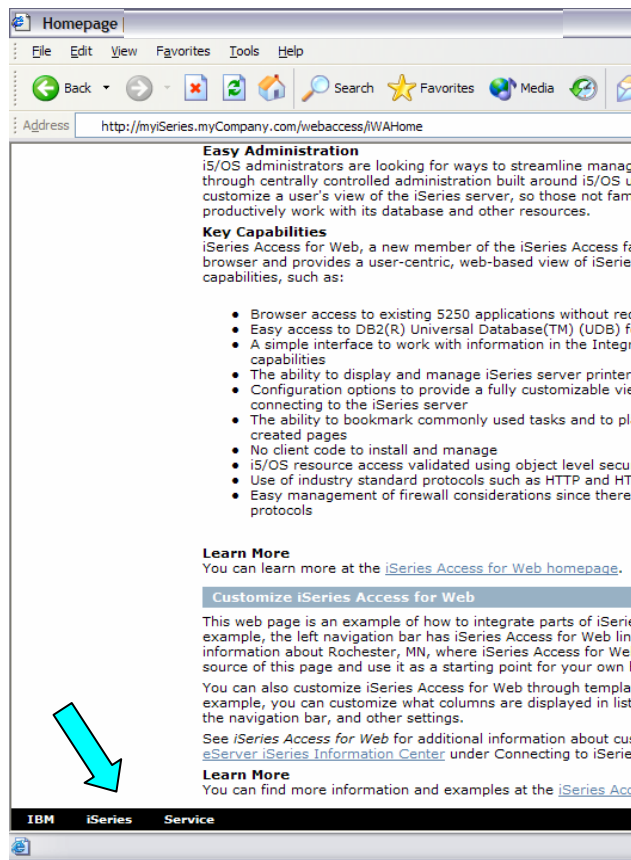
```
<!-- BEGIN FOOTER -->
<!--
<TABLE border="0" cellspacing="0" cellpadding="0" width="100%">
  <TR class="iwa-bbg">
    <TD width="560" height="19">
      <TABLE border="0" cellspacing="0" cellpadding="0">
        <TR>
          <TD class="iwa-footer-spacer" width="13">&nbsp;&nbsp;&nbsp;</TD>
          <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;</TD>
        </TR>
      </TABLE>
    </TD>
  </TR>
</TABLE>
<TR>
  <TD class="iwa-footer-version">&VERSION&&</TD>
</TR>
</TABLE>
-->
<!-- END FOOTER -->
```

The secondary window, titled "common_homepage", shows the same code with a red arrow pointing to the "BEGIN FOOTER" comment and another red arrow pointing to the "END FOOTER" comment, indicating the range of code to be removed.

Step 4 – Update .html files – remove footer

After

Before



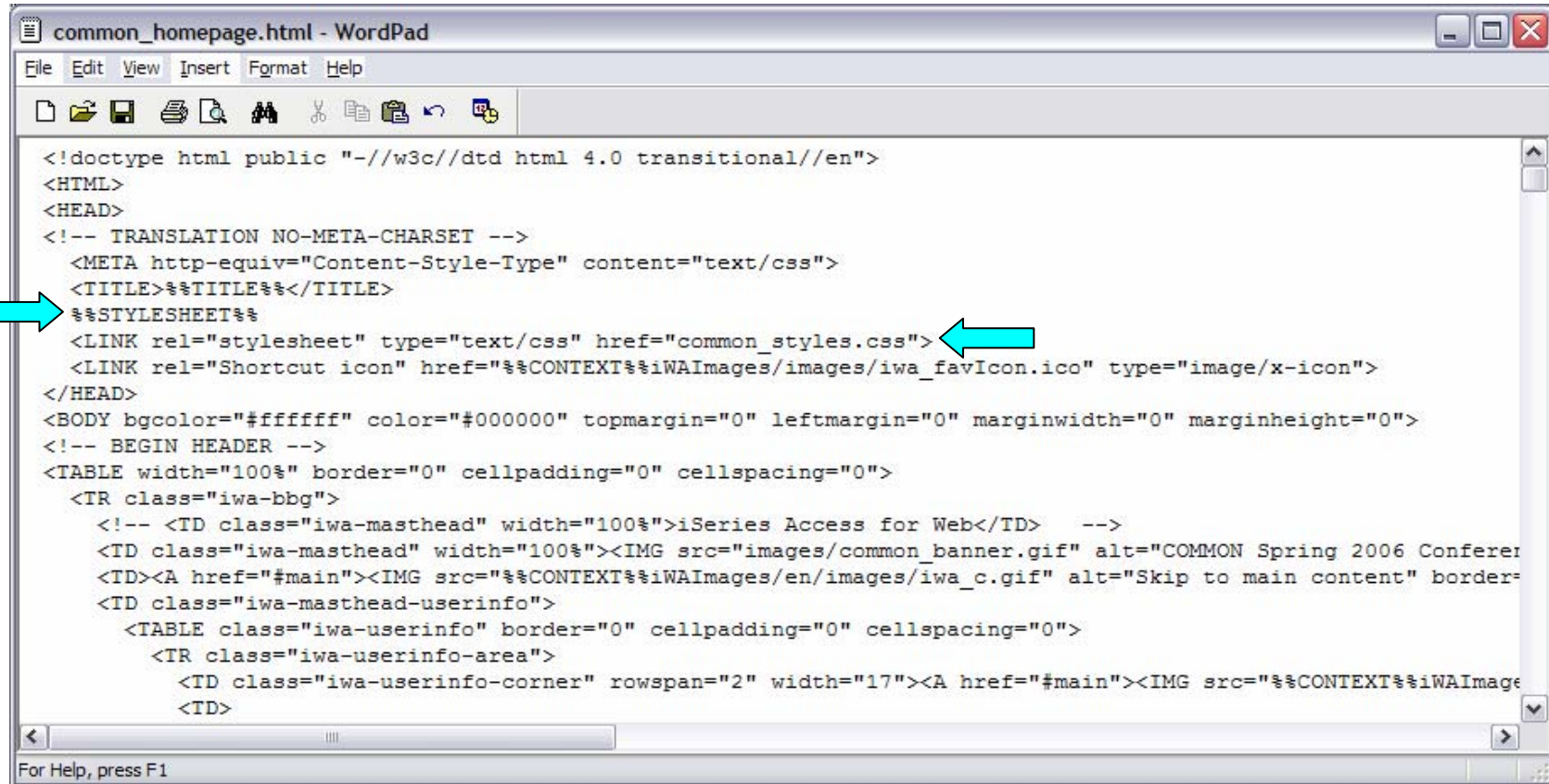
iWAHome – Steps to customize

- 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/
 - 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

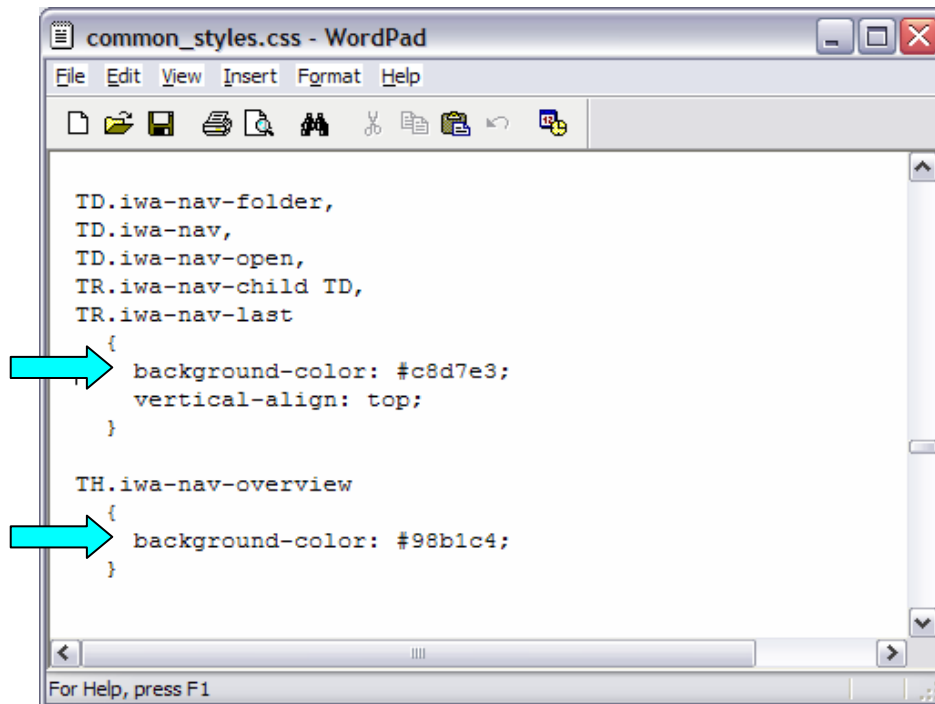


```
common_homepage.html - WordPad
File Edit View Insert Format Help
<!doctype html public "-//w3c//dtd html 4.0 transitional//en">
<HTML>
<HEAD>
<!-- TRANSLATION NO-META-CHARSET -->
<META http-equiv="Content-Style-Type" content="text/css">
<TITLE>%%TITLE%%</TITLE>
%%STYLESHEET%%
<LINK rel="stylesheet" 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">
<TR class="iwa-userinfo-area">
<TD class="iwa-userinfo-corner" rowspan="2" width="17"><A href="#main"><IMG src="%%CONTEXT%%iWAImage
<TD>
```

Step 5 – Update cascading style sheet

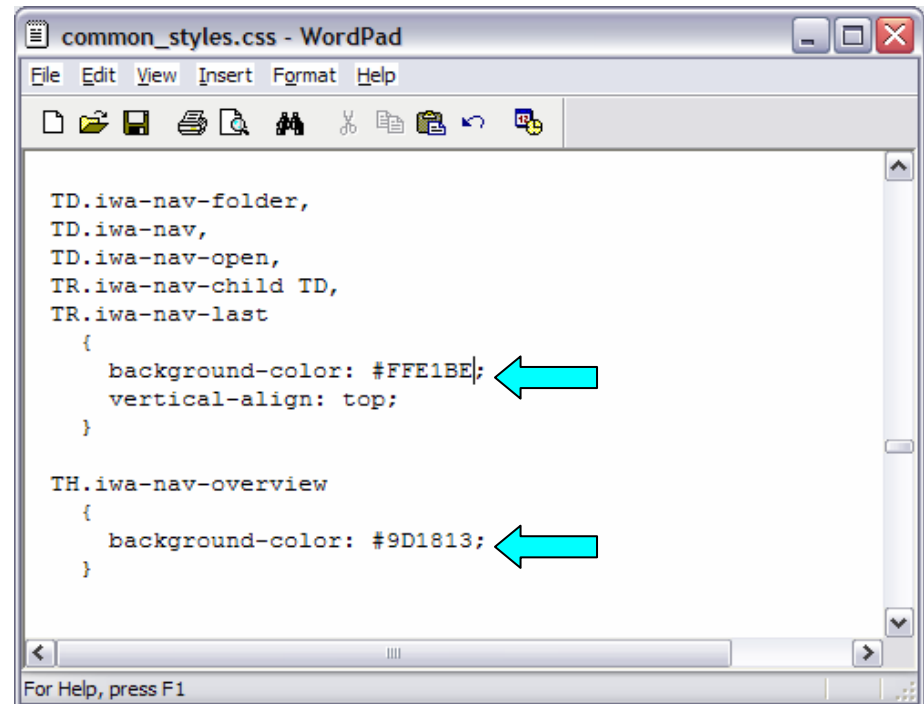
Original navigation bar settings

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;
}
```

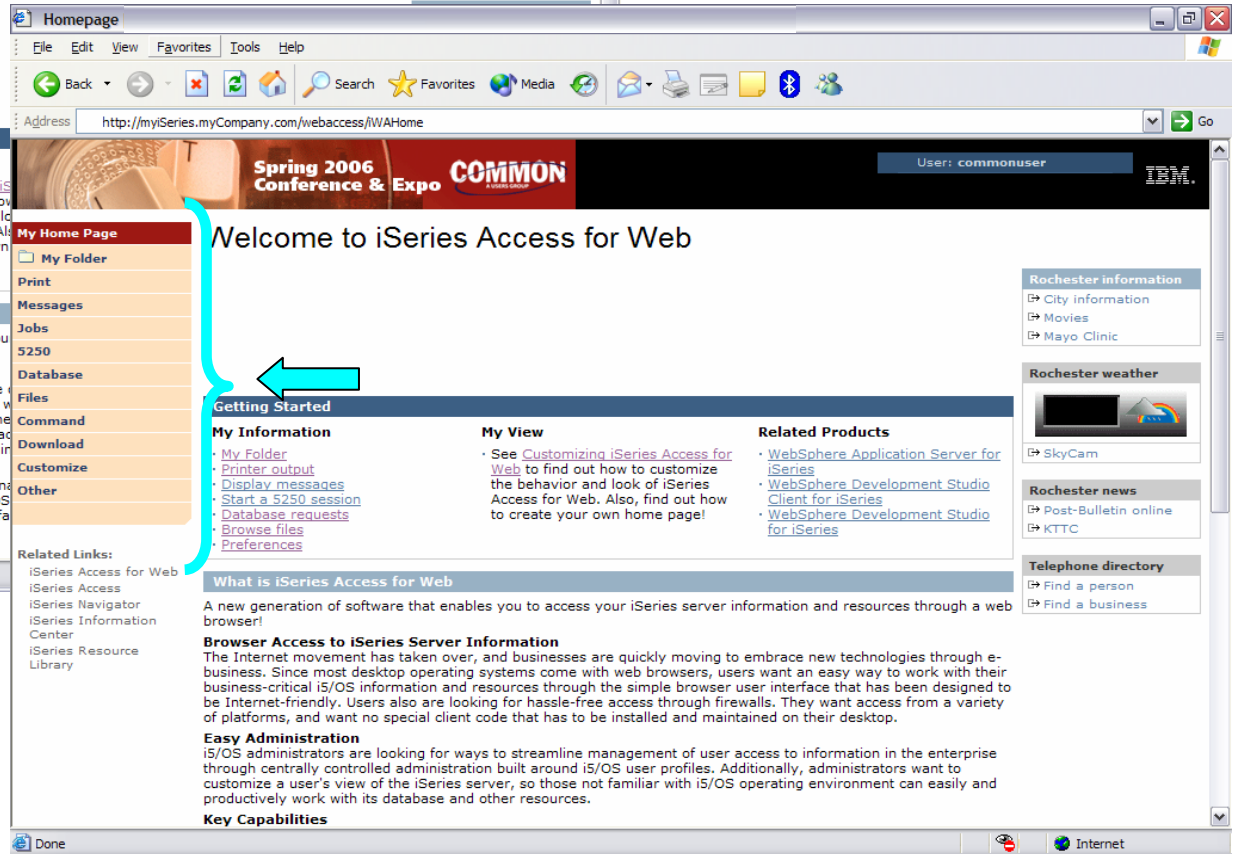
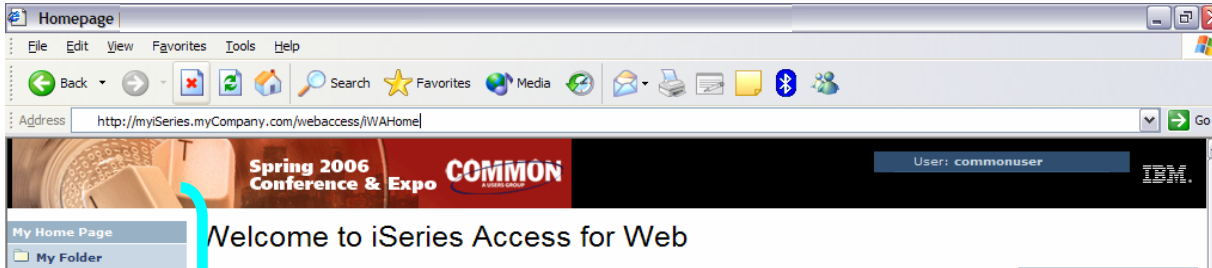
For Help, press F1



```
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 Refresh Print Mail Bluetooth

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

Spring 2006 Conference & Expo COMMON A BUSINESS GROUP User: commonuser

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 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](#)

Rochester information

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

Rochester weather

[SkyCam](#)

Rochester news

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

Telephone directory

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

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

Internet