Appendix

What an Administrator Needs to Know About System i Access for Web: Restricting Access and Other Security Considerations

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Let’s demonstrate how to customize the Home page and Template

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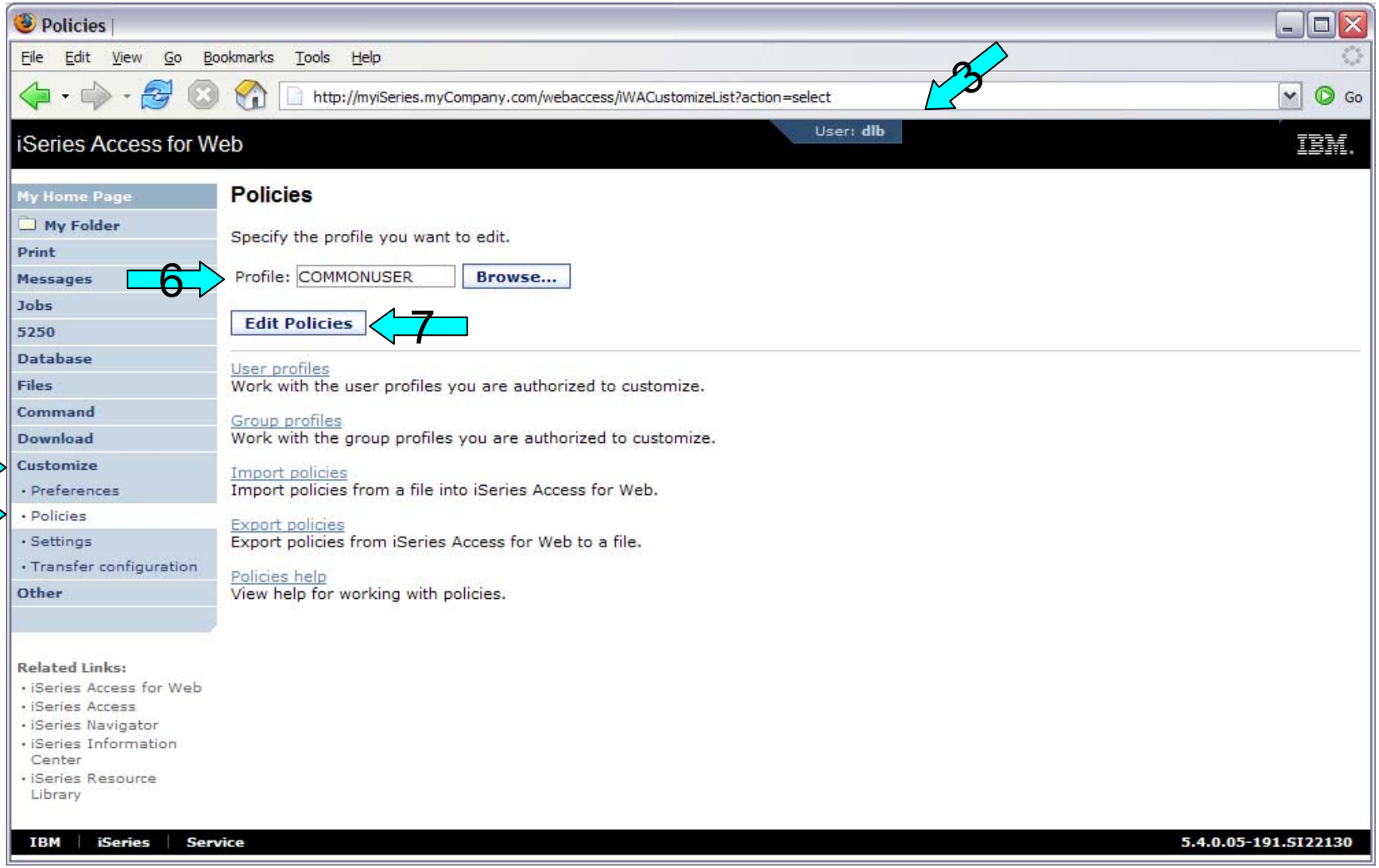
Step 3 - Customize policies to use .html files



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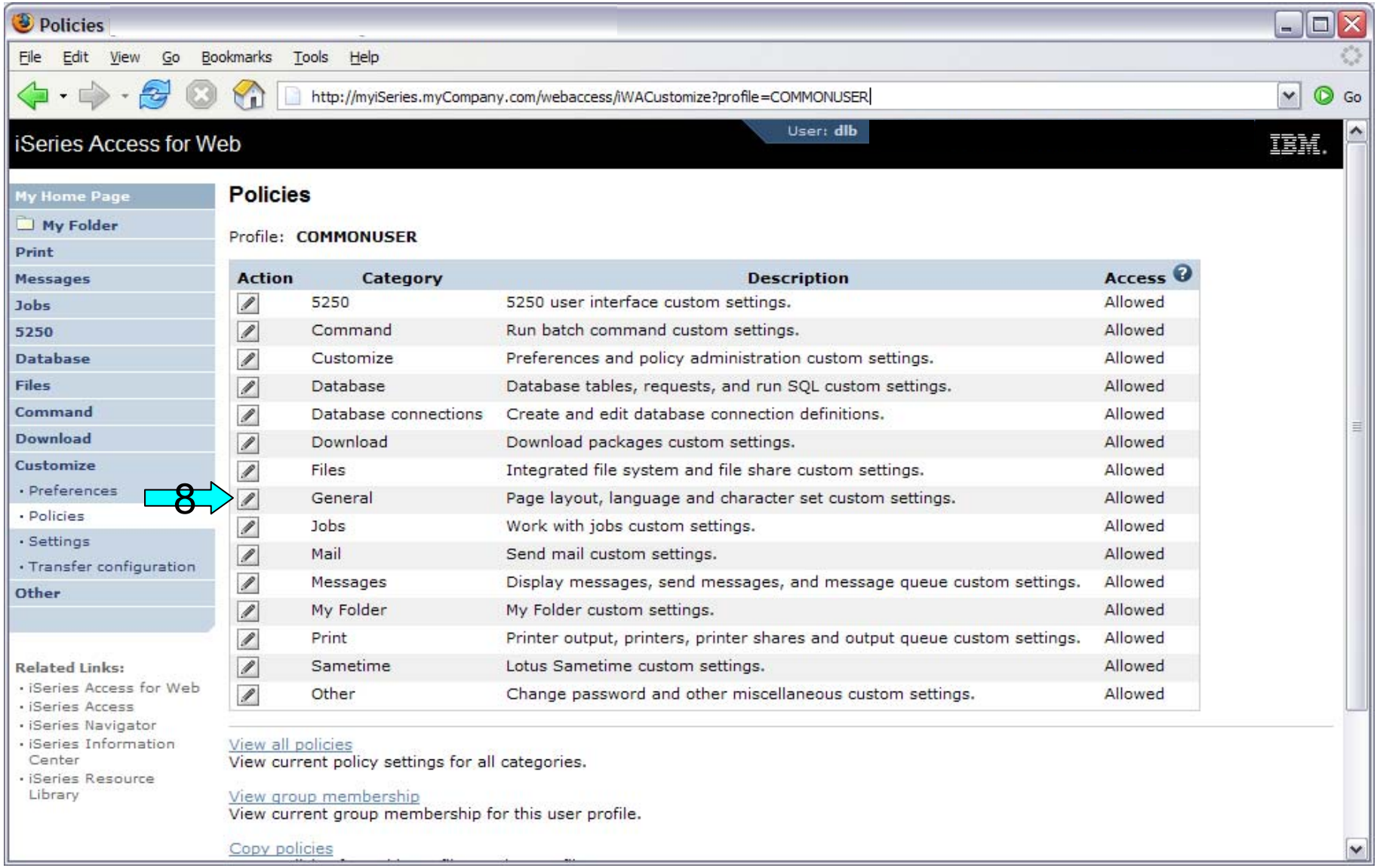
Step 3 - Customize policies to use .html files



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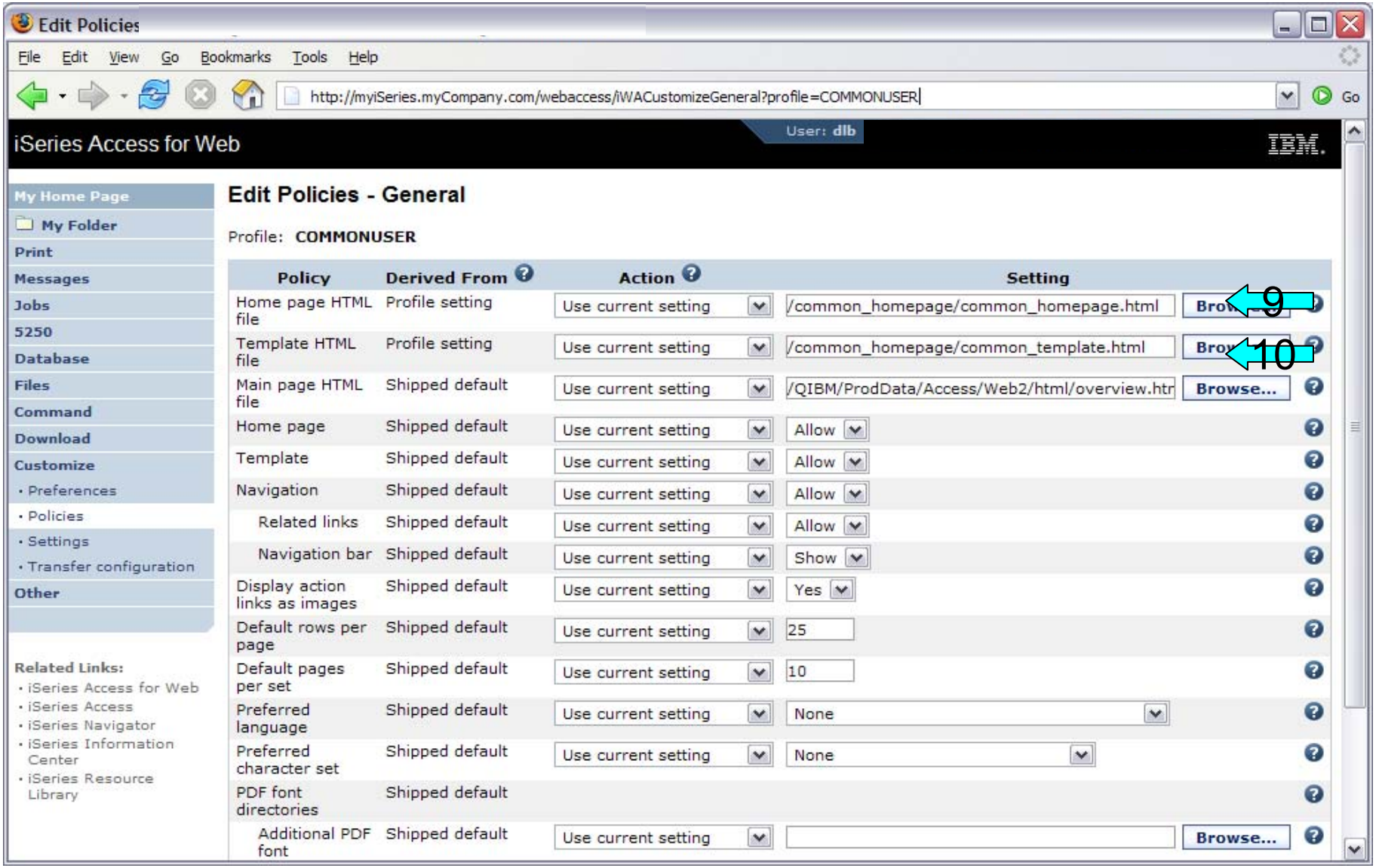
Step 3 - Customize policies to use .html files



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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 occur.

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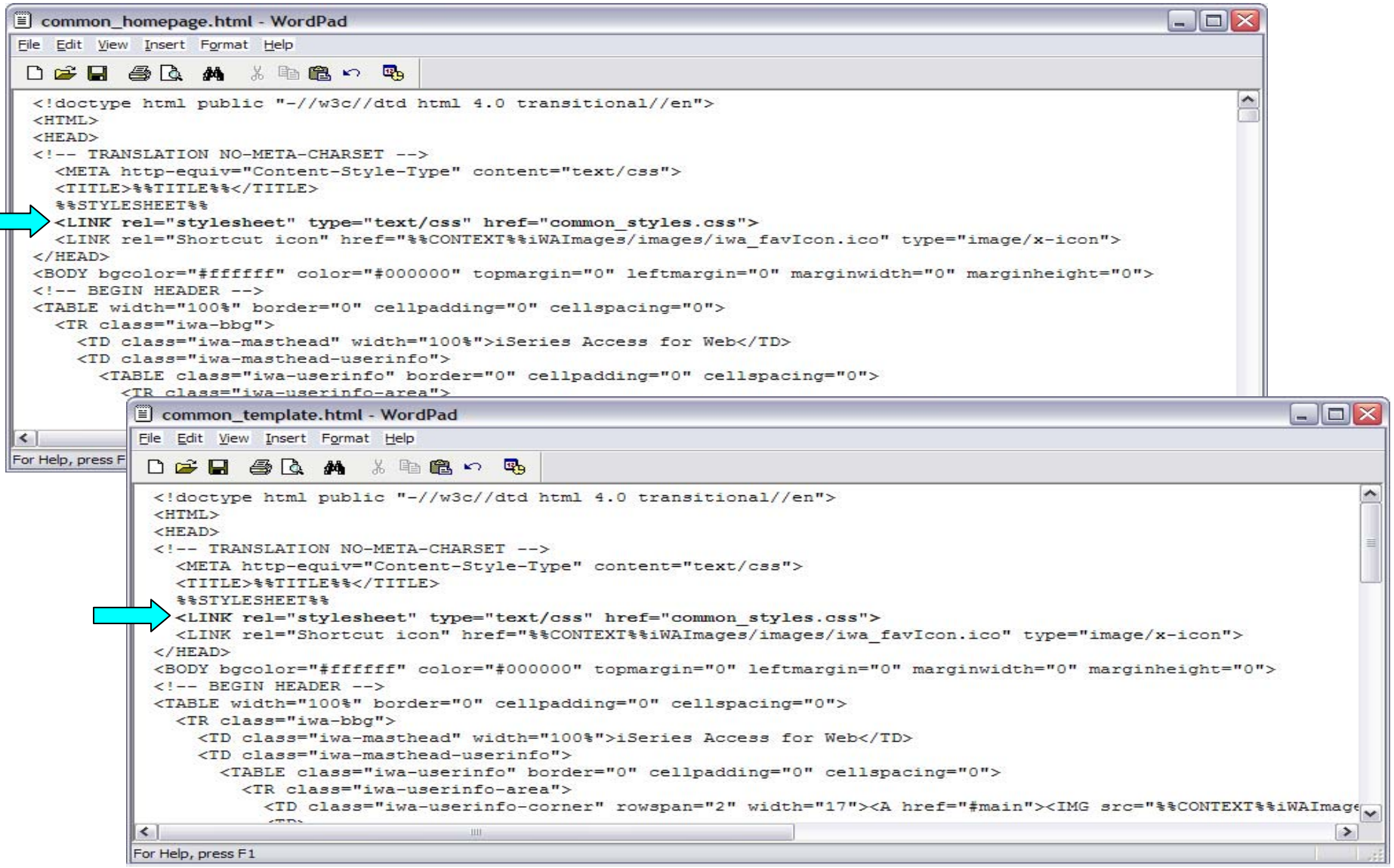
Step 4 – Update .html files – add .css reference



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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%">System i Access for Web</TD>
  3. Remove this line
     - **<TD class="iwa-masthead" width="100%">System i 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_hc

File Edit View

<!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

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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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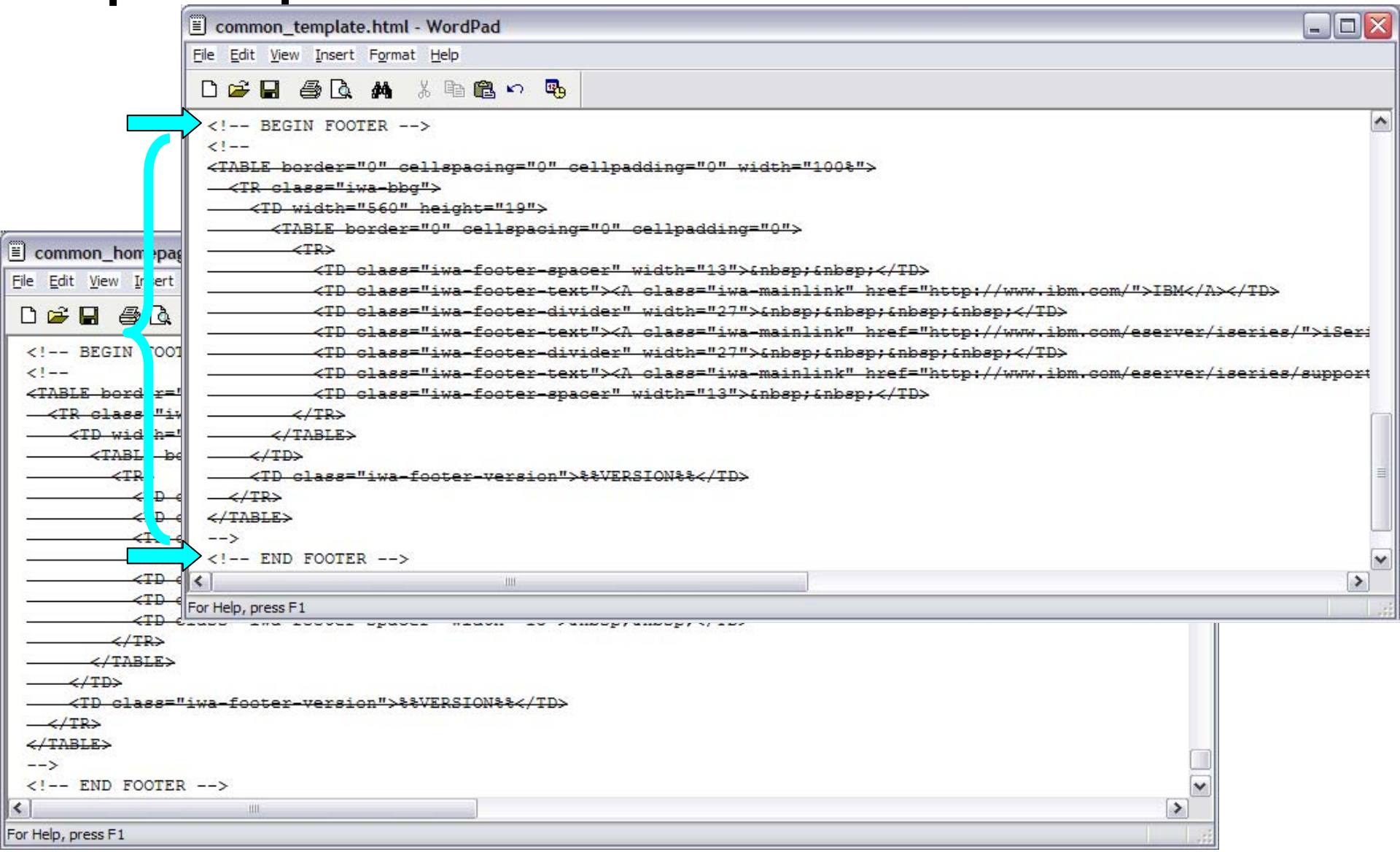
Step 4 – Update .html files – remove footer



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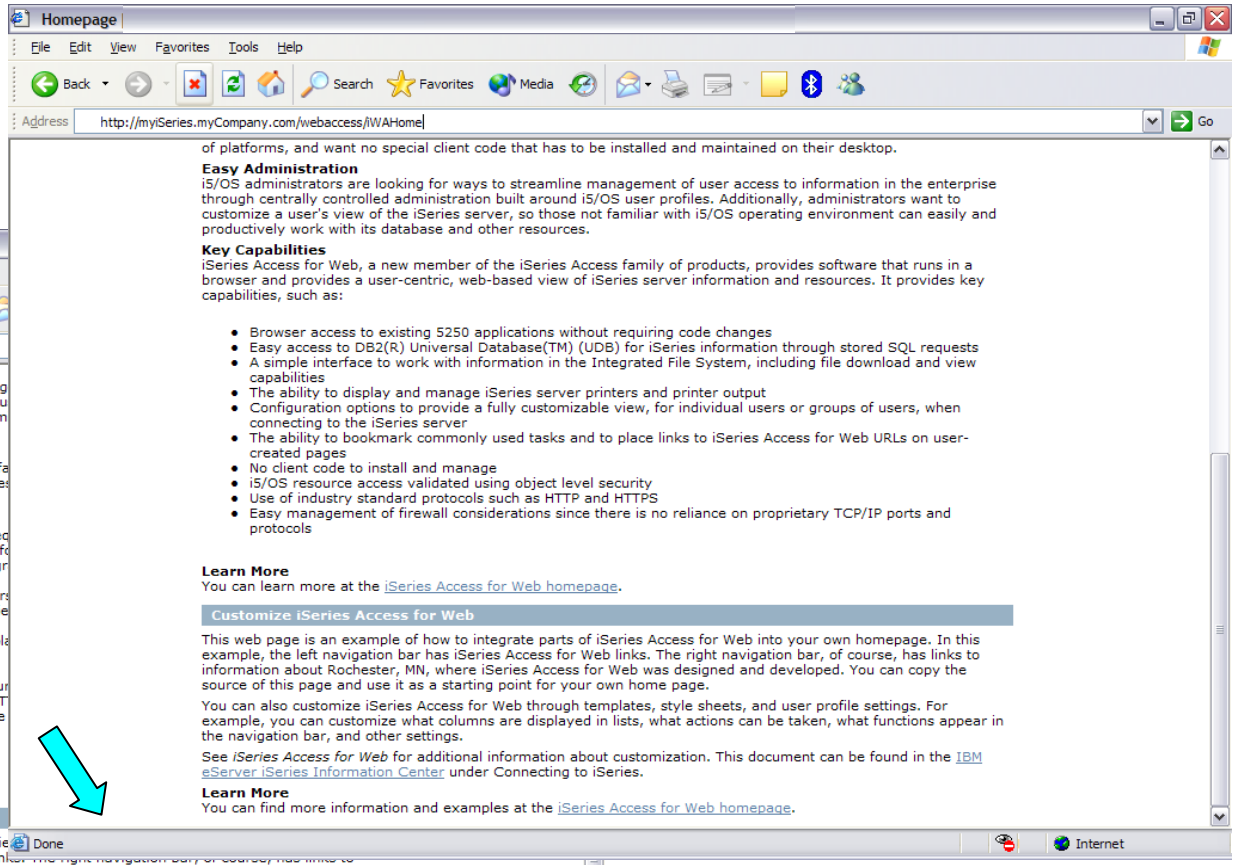
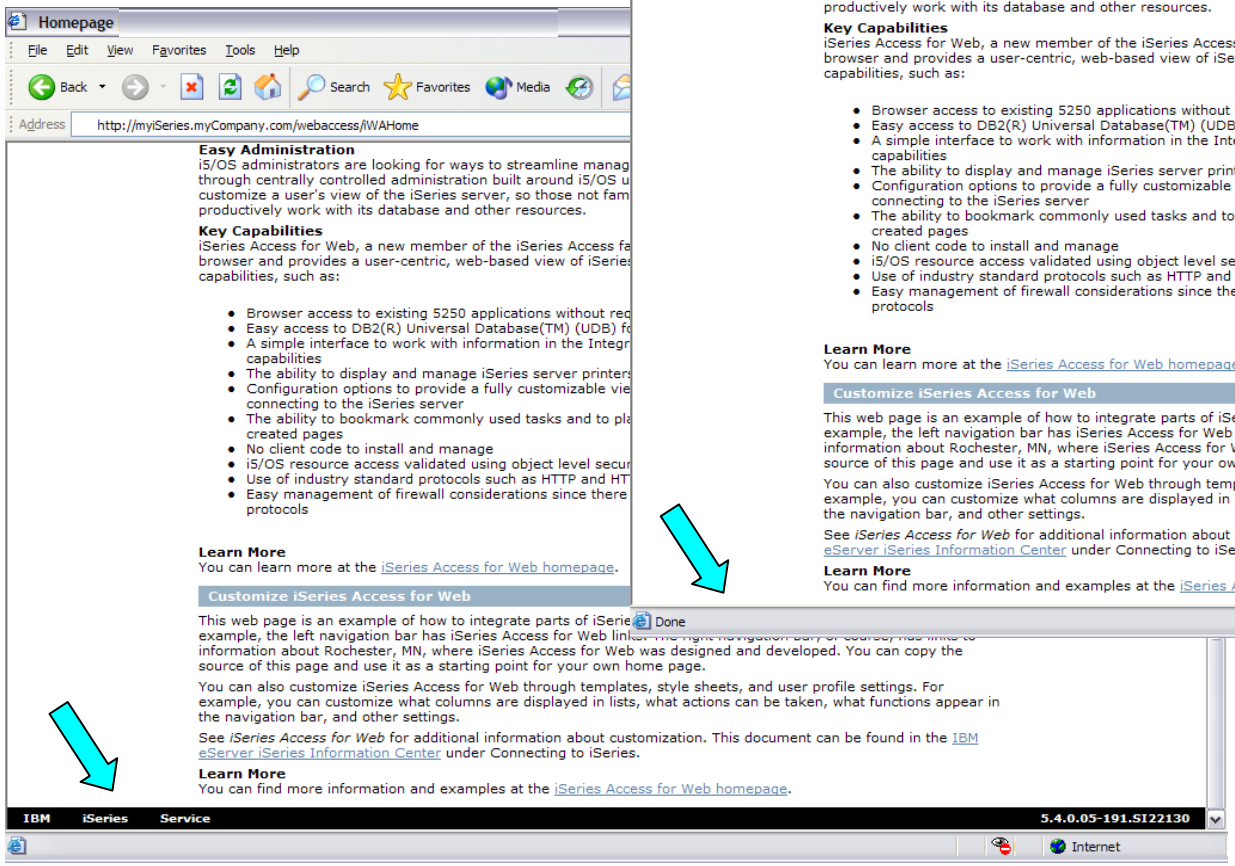
Step 4 – Update .html files – remove footer

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 4 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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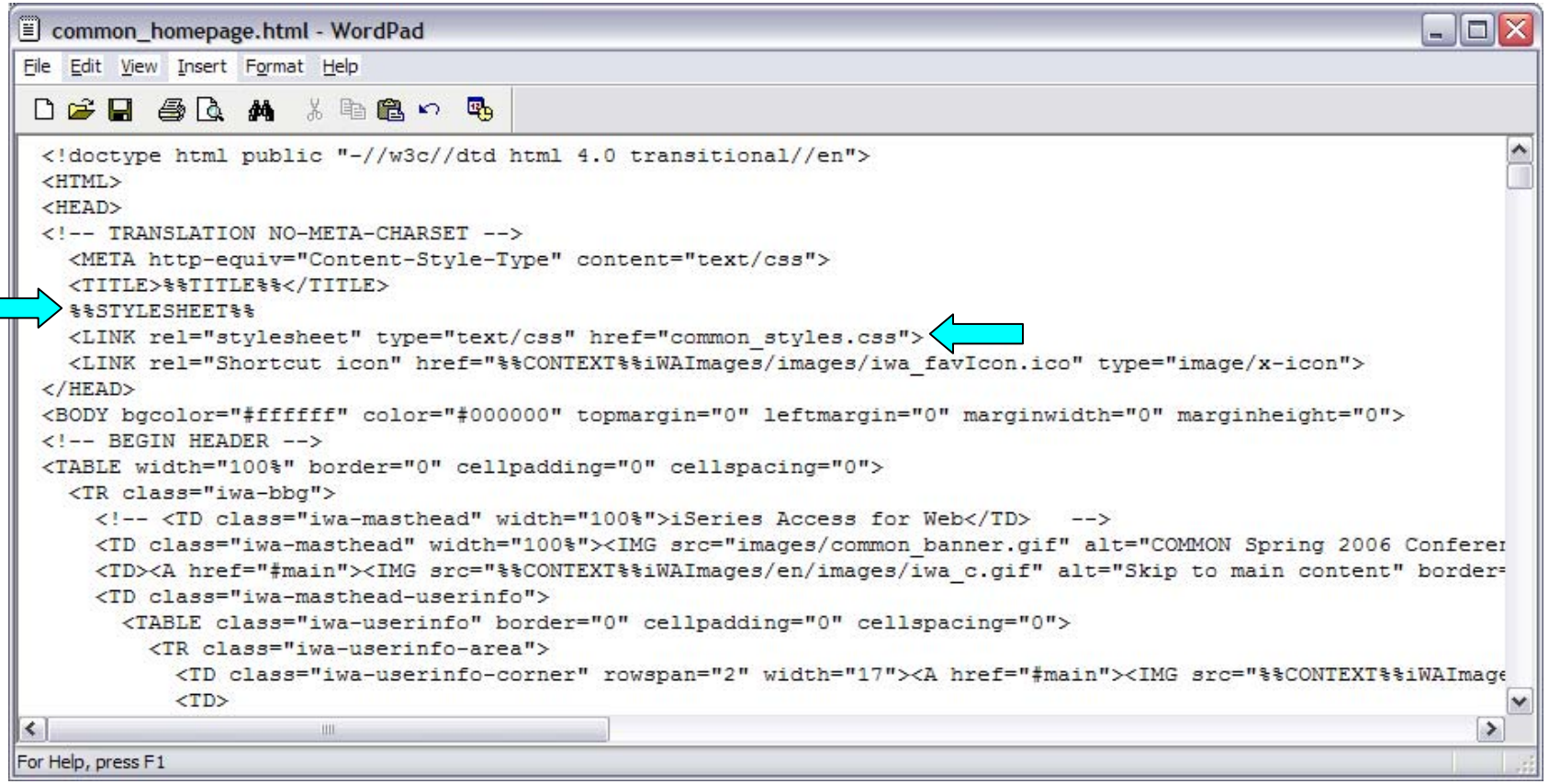
Step 5 – Update cascading style sheet



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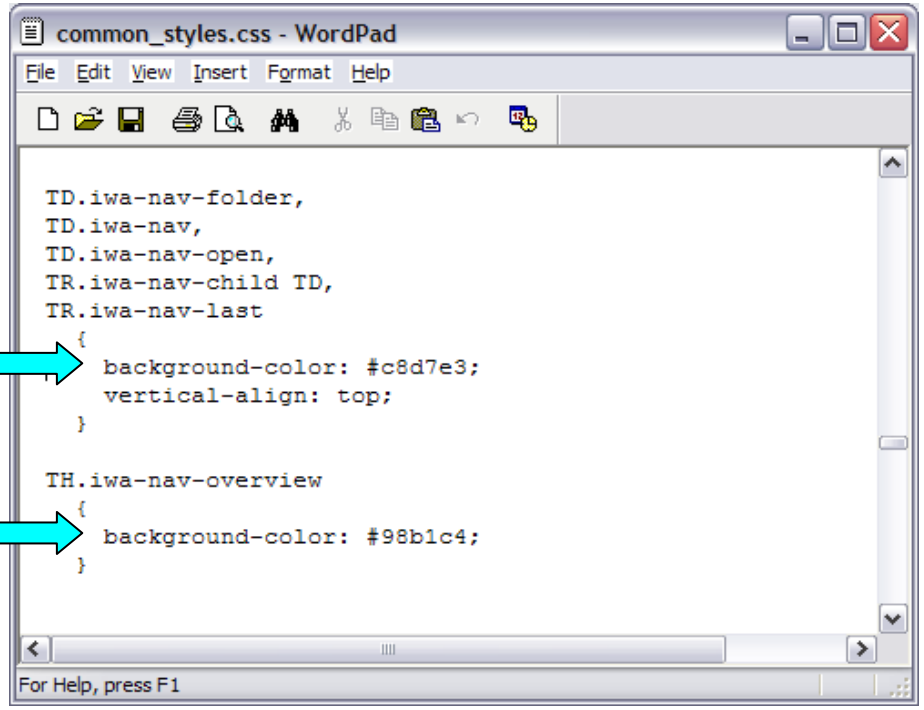
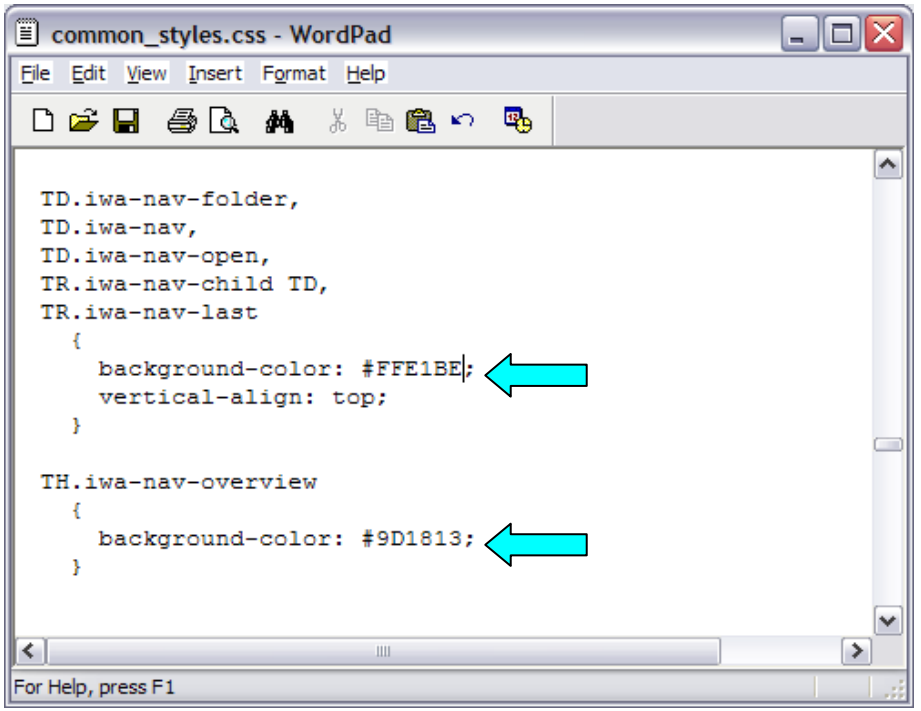
Step 5 – Update cascading style sheet

Original navigation bar settings



Changed navigation bar settings



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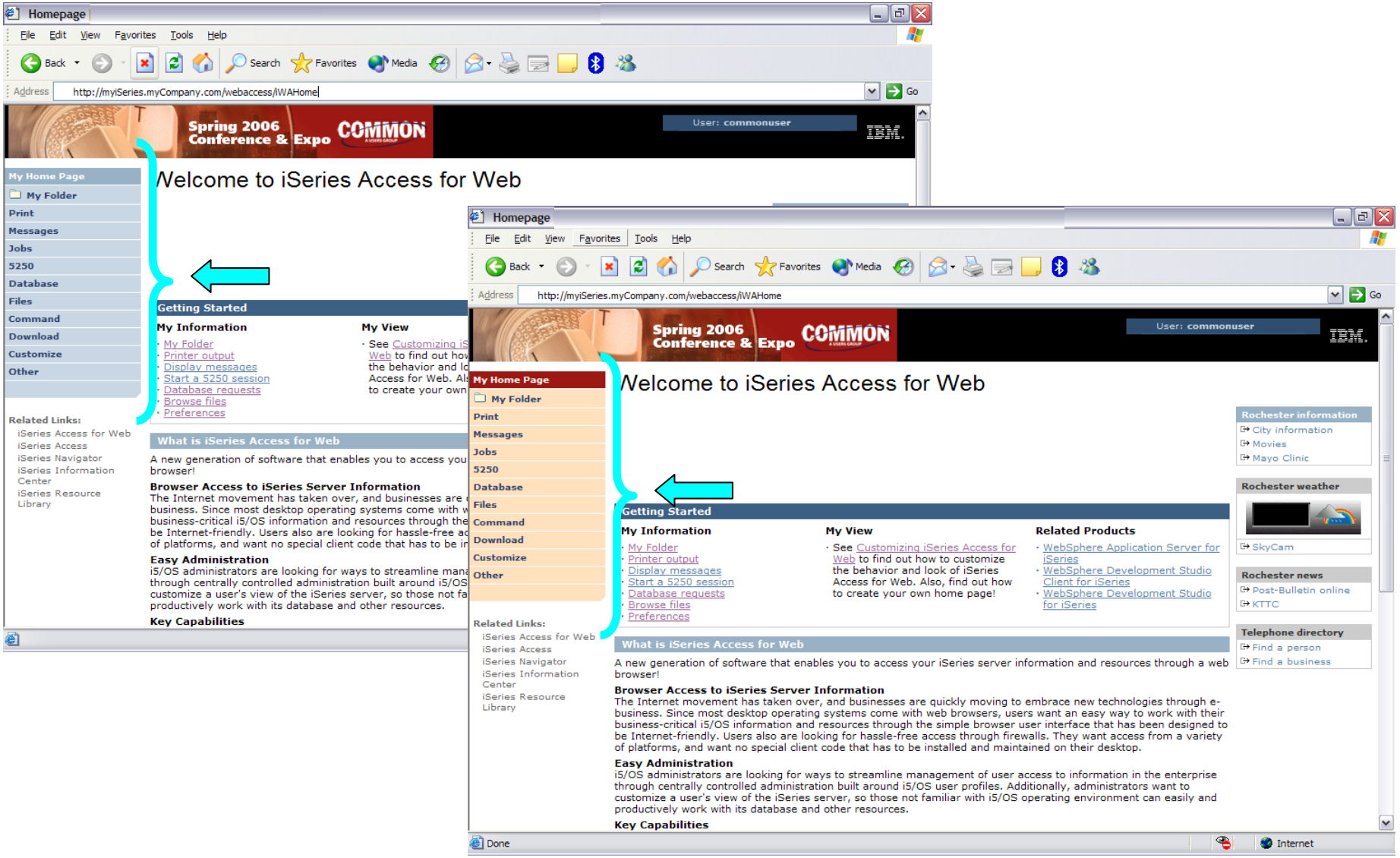
Step 5 – Update cascading style sheet



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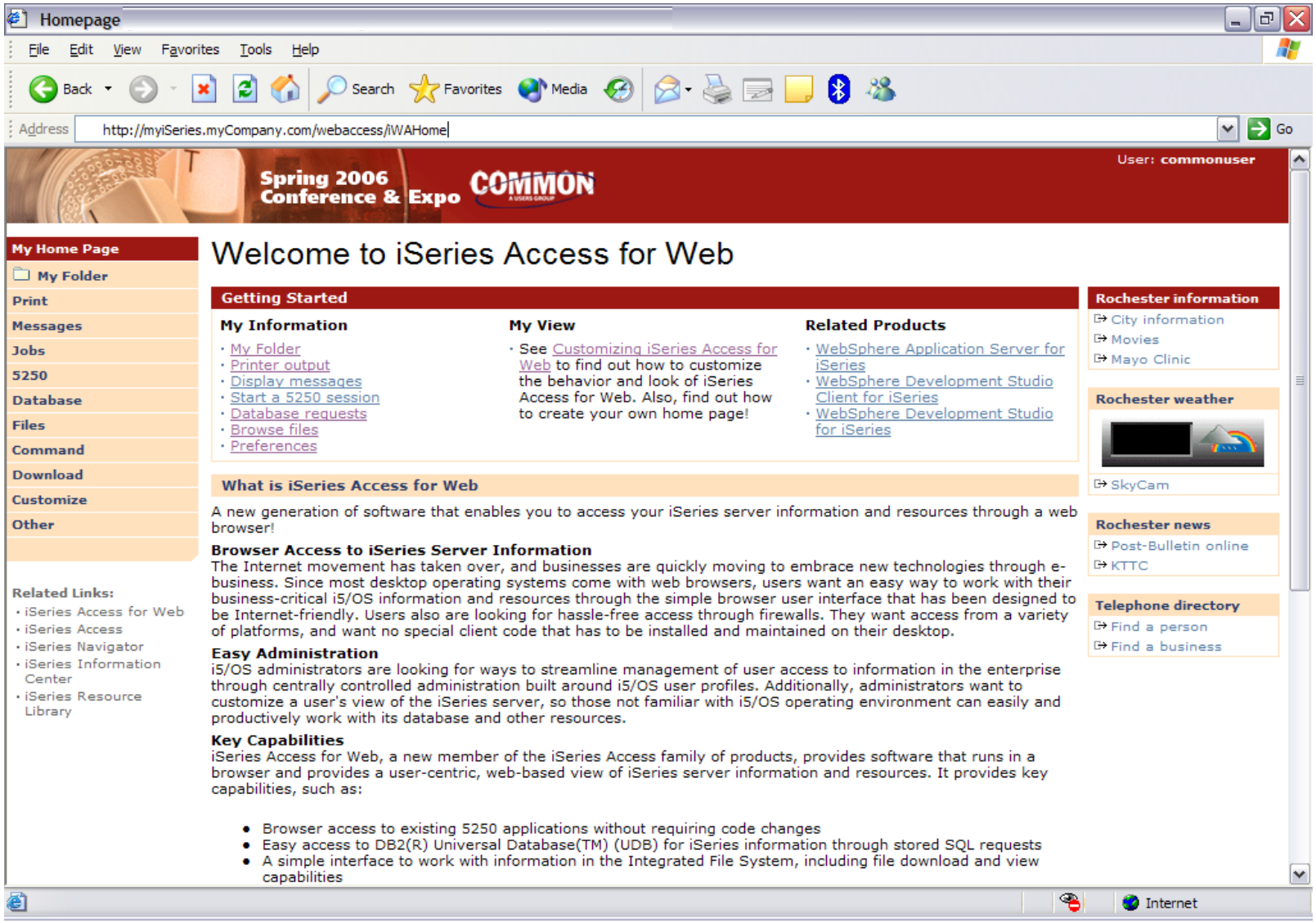
Step 5 – Update cascading style sheet



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System i & 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	

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