INFOR™

Infor WebTop for IBM® System i™

System Administrator's Guide

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About This Guide

This section focuses on the following information:

- Intended audience
- Purpose of this guide
- Organization of this guide
- Related documentation

Intended audience

This guide is for technical users who are responsible for marinating Infor WebTop Server for IBM System i for use with Infor Web-enabled applications.

Throughout this guide we refer to Infor WebTop Server for IBM System i as WebTop Server.

Purpose of this guide

This guide contains instructions for performing Runtime, or administrative, procedures specific to WebTop Server.

Organization of this document

This document includes the chapters listed below.

- Chapter 1, "Introduction" provides an introduction to the features and functions available in WebTop Server.

- Chapter 2, "Working with WebTop Server Custom Menu" explains how to add frequently used menu options and external links to a custom folder.

- Chapter 3, "Using Attachment Rules" explains how to use the ATRULE command to set up and maintain attachment rules.

- Chapter 4, "WebTop Server Routing" explains how to route WebTop server runtime jobs to a specified job description.

- Chapter 5, "Using the WebTop Run-time Data Command" explains how to use the WTRDM command to set up and maintain run-time data.

- Chapter 6, "Customizing and Configuring Application Screens" explains how to customize application screens in a Web interface.

Related documentation

For related information, refer to the following publications:

- *Infor WebTop Quick Reference*

- *Infor WebTop for IBM System i 4.3 Environment Requirements for use with IBM WebSphere Application Server V6.1*

- *Infor WebTop for IBM System i Release 4.3 Notes*

Chapter 1 Introduction

This chapter provides an introduction to the features and functions available in WebTop Server.

WebTop Server features

WebTop Server includes the features below.

- Colors, icons, and styles consistent with the standard Infor style guidelines

- Support for proportional fonts

- An asterisk ▫ displays next to high-intensity input fields

  This typically determines required fields as defined by IBM SAA standards.

- Function keys enabled for all applications

- A hierarchical menu layout structure to provide easy navigation through the application menus

- Window formats and prompts presented in modal windows

- Double-byte support through Unicode character set

- An attention indicator to identify fields that you must address before you continue to another Web page

  This feature equates to reverse image in a non-Web environment. A message area at the bottom of the page displays a message associated with the attention indicator.

- A quick access window from which you can start a function without making a menu selection

From the quick access window you can specify the system, version, and the quick access code for the function to display. The quick access code you specify in the Program box is dependent on your ERP system.

- A quick reference icon on the toolbar to assist with product navigation

  You click the quick reference icon to open the Infor WebTop Quick Reference, which explains the icons on the Infor Webtop toolbar, the items on the Actions or Function Key window, and the shortcut keys.

WebTop Server functions

You can use WebTop Server to perform the functions below when you set up and maintain Web pages for your Infor products.

- Attach icons to menu items

  The application's implementation may or may not support this function.

- Attach a manual decorator in a format that allows you to display a hyperlink or image

- Export spool files to Microsoft Excel or Word, or to a PDF, XML, or HTML file

- Export subfile records to Microsoft Excel or Word

Chapter 2 Working with WebTop Server Custom Menu

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Use the Custom Menu to add frequently used menu options as well as external links to a custom folder.

The chapter consists of the following topics:

Adding Infor products to custom menu options

You can add Infor shortcuts to customize your menu options.

Right mouse click on a menu option and select **Custom Menu**.
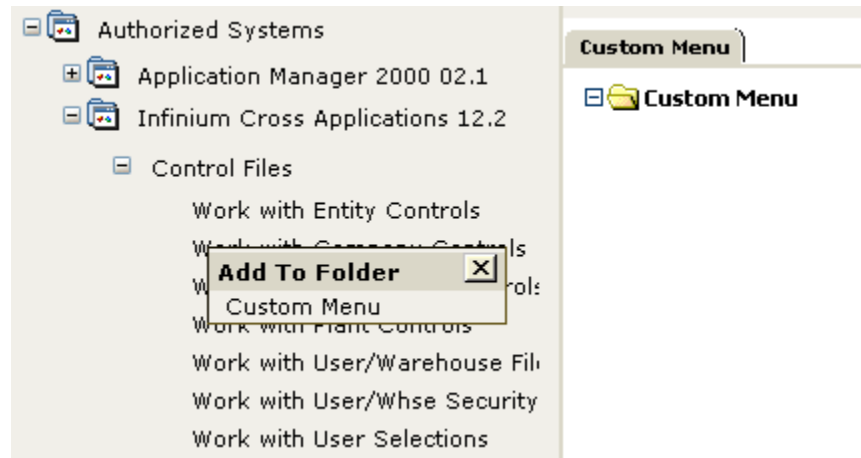
Figure 2-1: Add To Folder display box from Custom Menu screen

For example, right mouse click Work with Company Controls from the Infinium Cross Applications 12.2 Control Files menu and select **Custom Menu**. This adds the menu option to the Custom Menu.
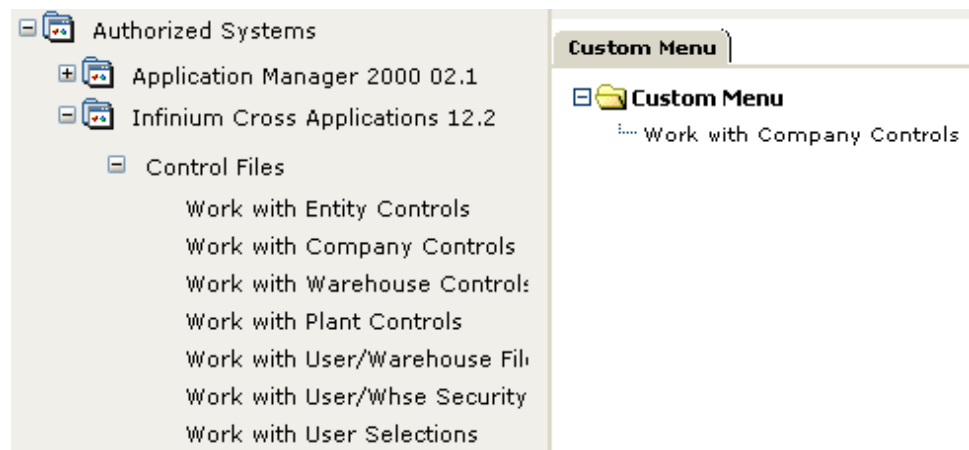
Figure 2-2: Customer Menu customize sample screen

Adding an external shortcut

Complete the steps below to add a shortcut to your custom menu.

1 Click **Add Item** from the Customer Menu.

Figure 2-3: Custom Menu screen

The system displays the Add Shortcut - Web Page Dialog screen, as shown below.
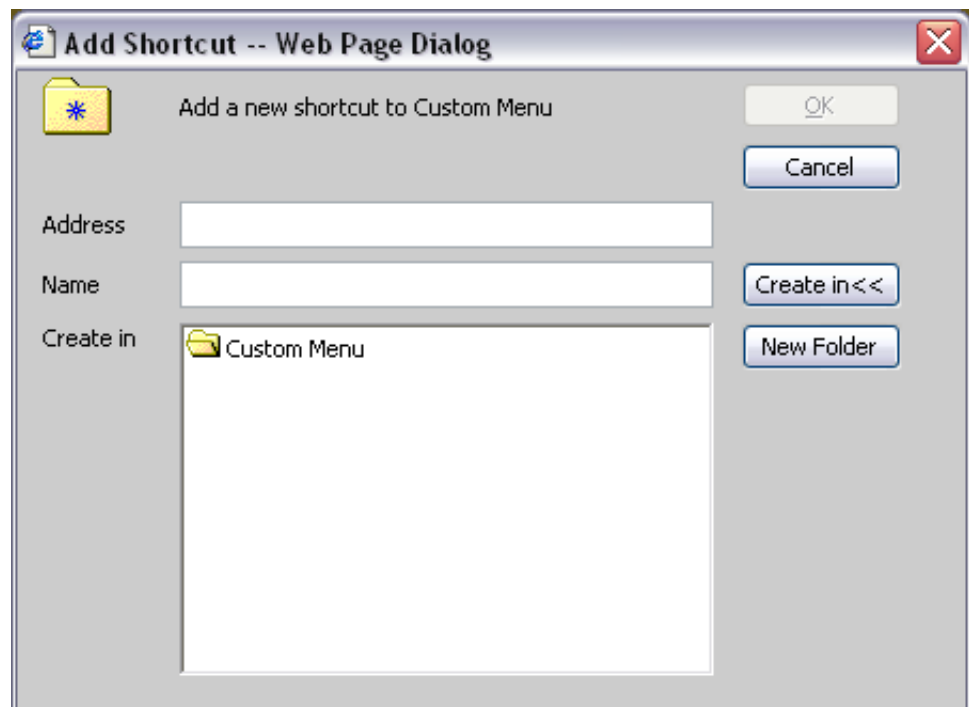
Figure 2-4: Add Shortcut – Web Page Dialog screen

2 Specify the field information below and click OK. The shortcut is added to the Custom Menu.

Address

Type the address for the new shortcut.

Name

Type the name of the shortcut.

3 To create another tab under the Custom Menu, click **New Folder** and type a folder name.

For example, click **Add Item**. Type **http://www.yahoo.com** in the Address field and **Yahoo!** in the Name field. Click OK. The shortcut is added to the Custom Menu and the Add Shortcut – Web Page Dialog screen is closed.
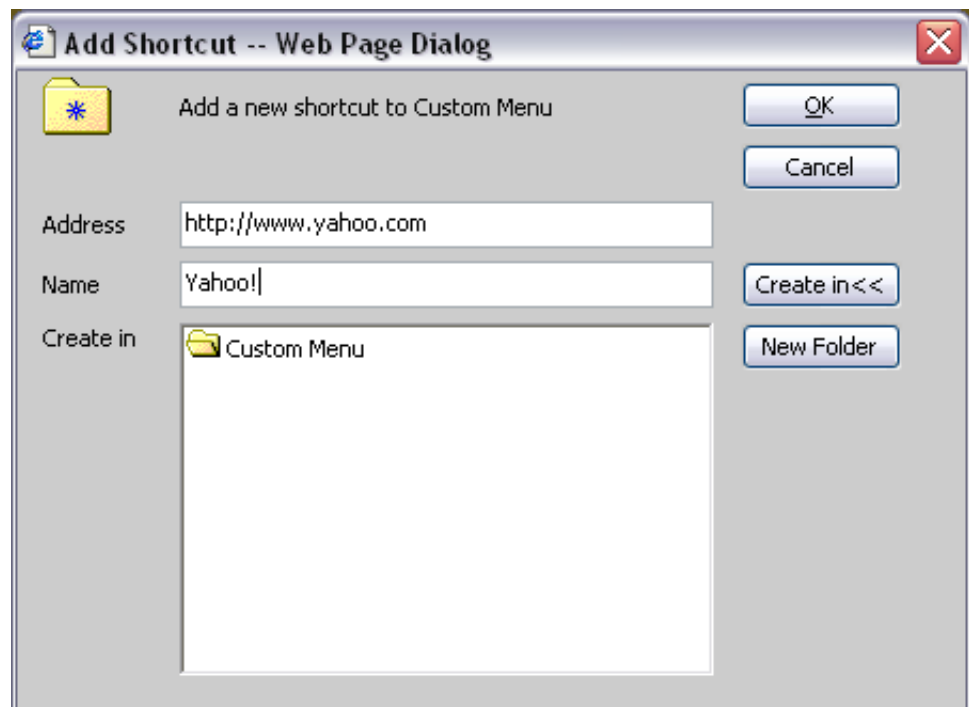
Figure 2-5: Add Shortcut – Web Page Dialog sample screen

The system displays the Custom Menu screen, as shown below.

Figure 2-6: Custom Menu customize sample screen

4 Click the **Yahoo!** menu option from the Custom Menu to open a new browser window with the Yahoo! main page.

Organizing custom menu options

To organize your custom menu, click **Organize** from the Custom Menu.

Figure 2-7: Custom Menu screen

The system displays the Organize Shortcuts – Web Page Dialog screen, as shown below.
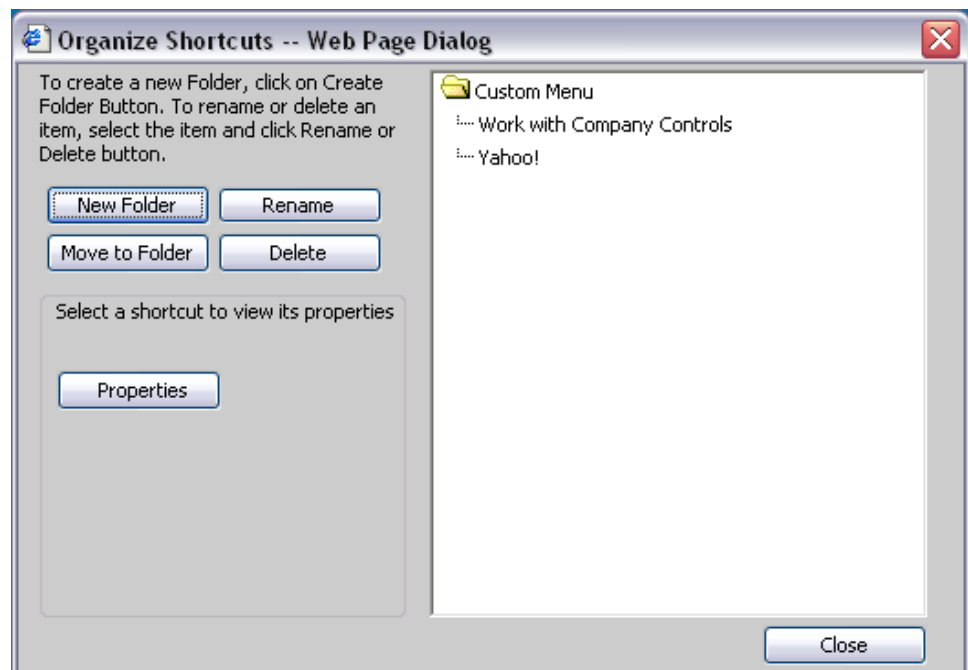
Figure 2-8: Organize Shortcuts – Web Page Dialog screen

Adding a new shortcut

To add a new shortcut, click **New Folder** from the Custom Menu. A new folder displays as a tab under the Custom Menu. The default name of the shortcut is New Folder.
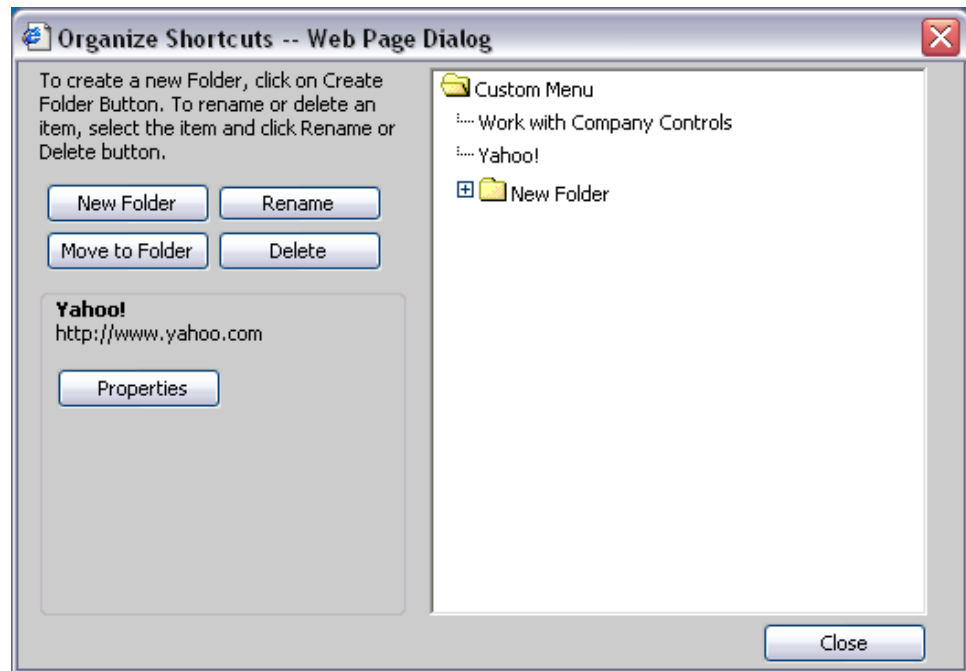
Figure 2-9: Organize Shortcuts – Web Page Dialog new folder sample screen

Renaming a shortcut

You can rename a new shortcut folder or an existing shortcut.

Select the shortcut or folder that you want to rename from the right-hand pane. Click **Rename** and type the new name. Press Enter.
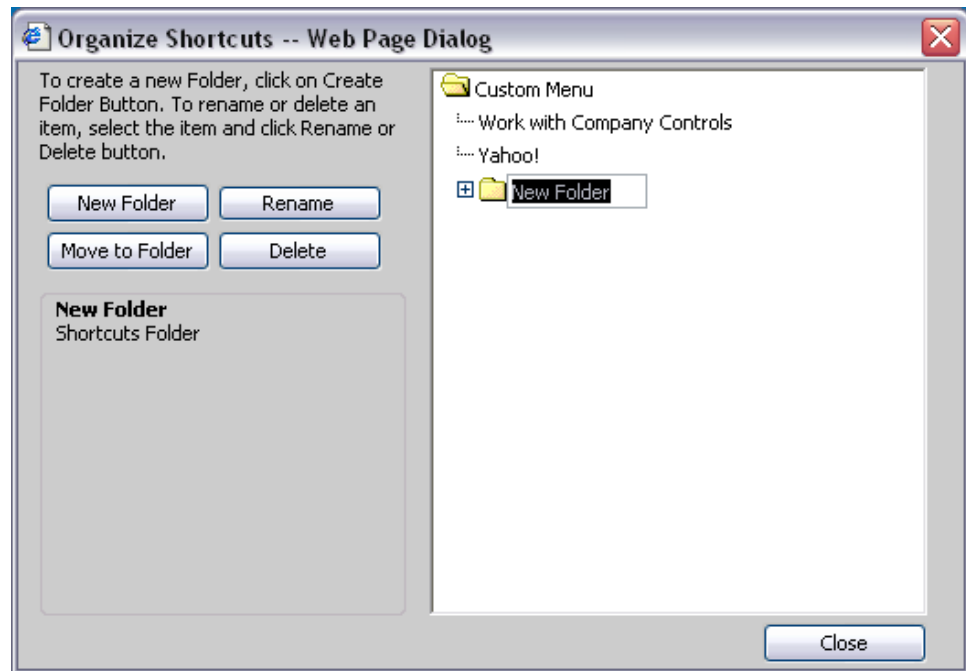
Figure 2-10: Organize Shortcuts – Web Page Dialog rename sample screen

Moving a shortcut to another folder

You can move a shortcut to another folder.

1 Select the shortcut from the right-hand pane and click **Move to Folder**.
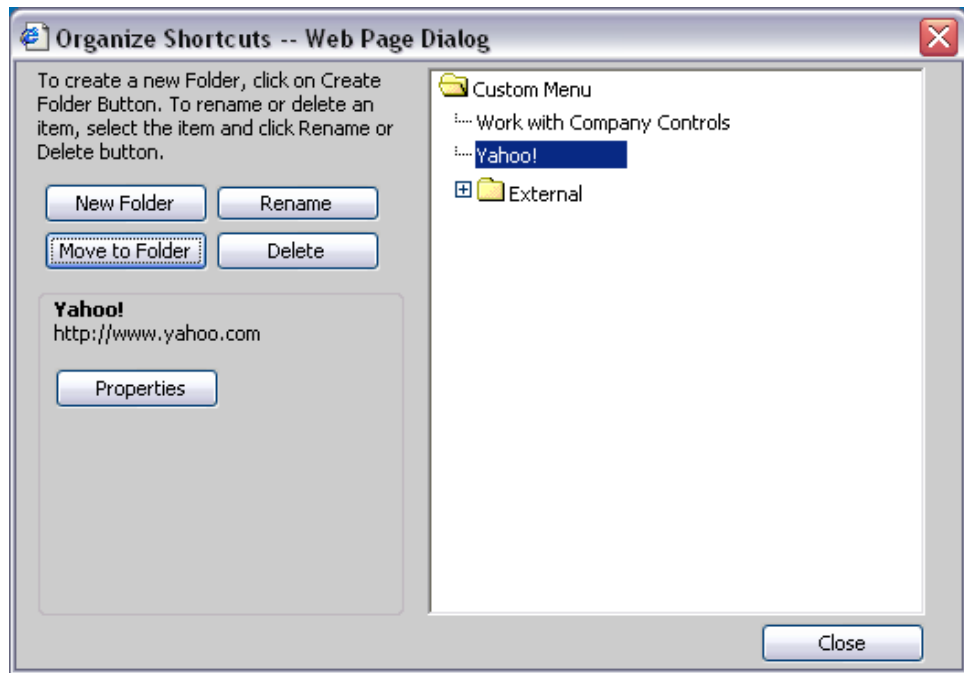
Figure 2-11: Organize Shortcuts – Web Page Dialog screen

2 Select a new folder from the Browse for folder – Web Page Dialog screen and click OK.
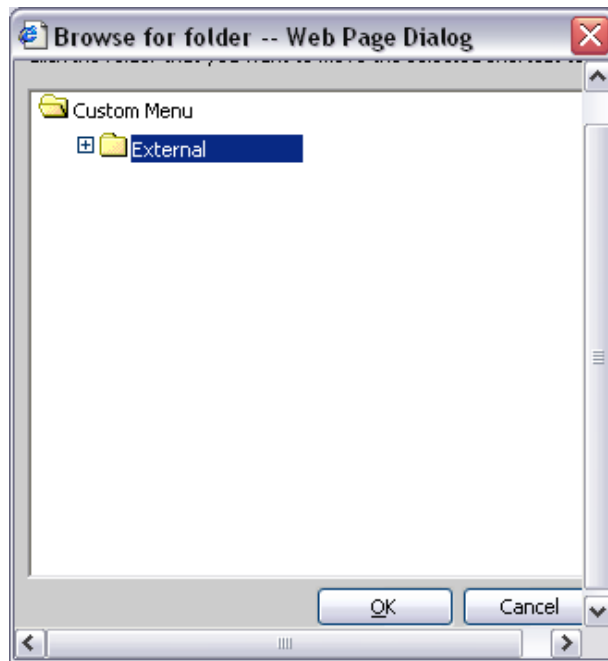
Figure 2-12: Browse for folder – Web Page Dialog screen

The shortcut displays in the new folder.
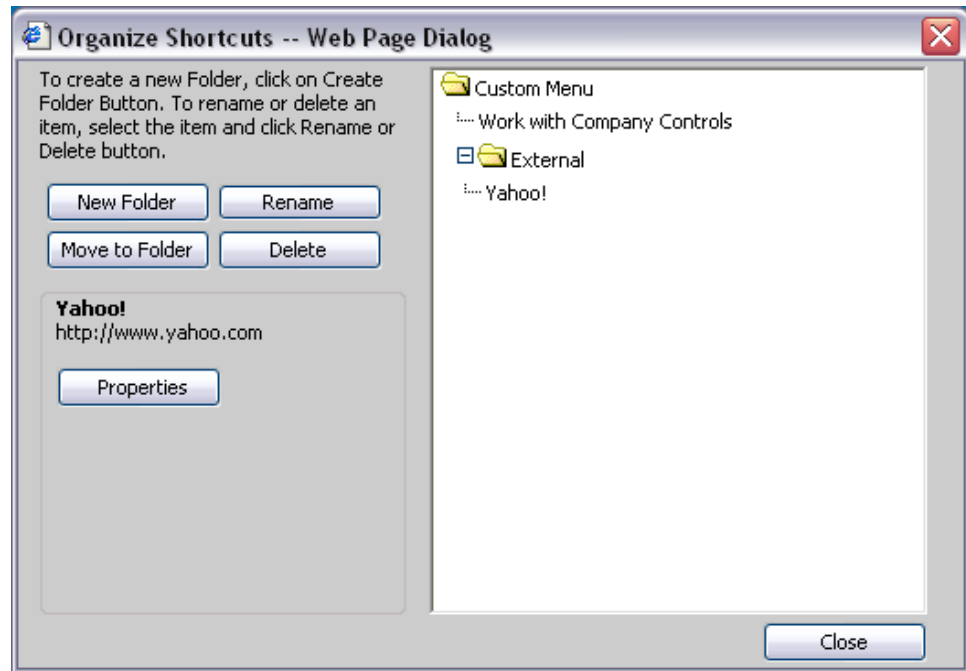
Figure 2-13: Organize Shortcuts – Web Page Dialog move to folder sample screen

Deleting a shortcut

You can delete an existing shortcut.

Select the shortcut from the right-hand pane and click **Delete**. Click **Yes** from the Delete Folder – Web Page Dialog screen.
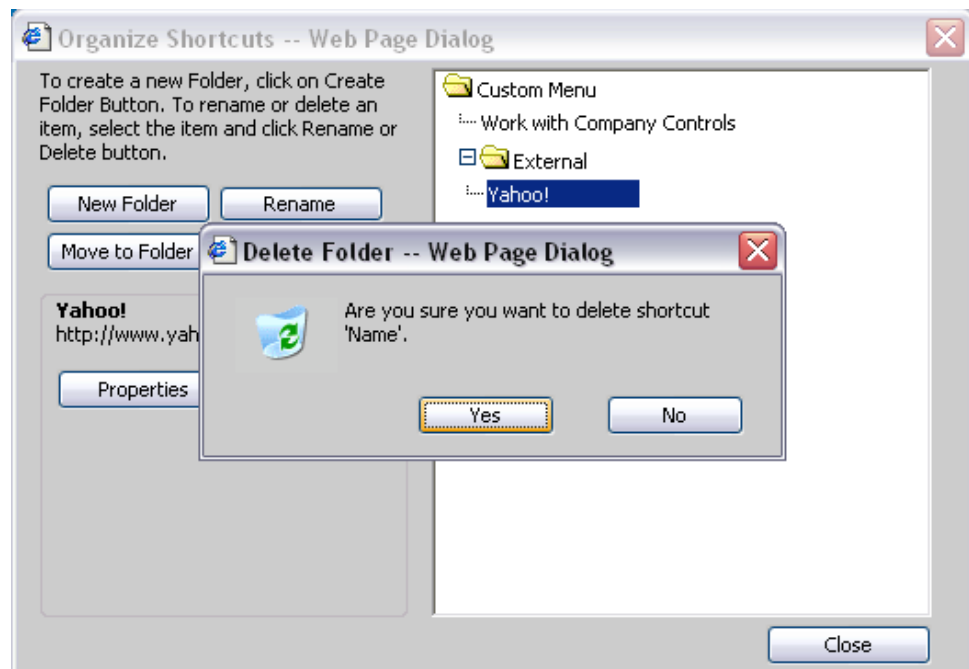
Figure 2-14: Delete Folder – Web Page Dialog screen

Viewing shortcut properties

Complete the steps below to view the properties of a shortcut.

1 Select the shortcut from the right-hand pane. The properties display in the lower left-hand pane.
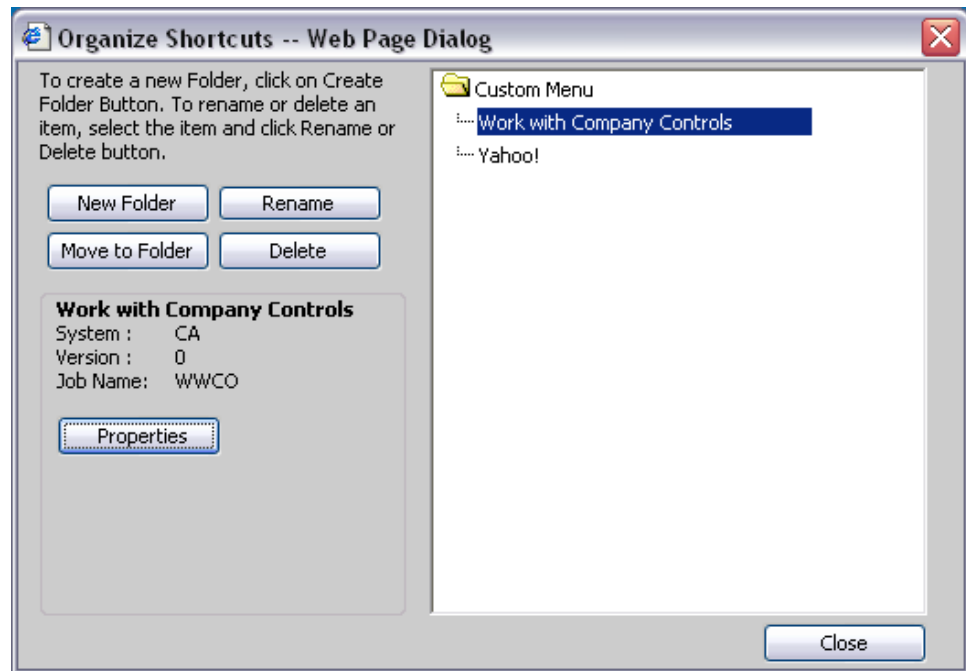
Figure 2-15: Organize Shortcuts – Web Page Dialog properties sample screen

2 To modify the shortcut properties, click **Properties**. Type the field information in the Properties dialog screen.
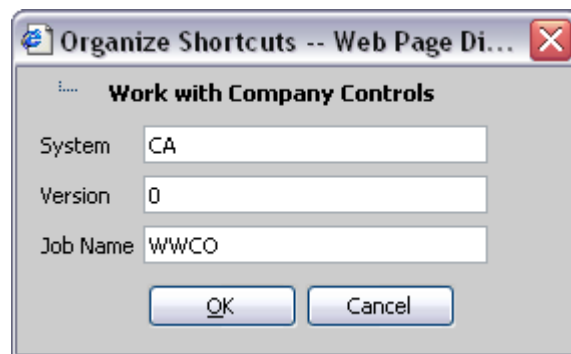
Figure 2-16: Properties Dialog screen

3 Click OK.

4 To modify the shortcut properties of an external shortcut, click **Properties**. In the Properties dialog screen, type the new Web address in the Address field.
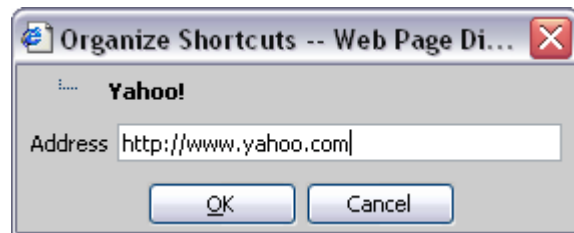
Figure 2-17: Organize Shortcuts – Web Page Dialog properties screen

5 Click OK.

Saving custom menu options

After you complete your custom menu options, you must save your changes to the IFS folder structure.

Click **Save** to save the new Custom Menu to the application folder, **\IWEBTOP_EARS\menu*portnumber*\custom**. Replace the *portnumber* with the port number you use when you access the Webtop Server application.

Figure 2-18: Custom Menu screen

The system displays a message in the VBScript: Save shortcuts screen.
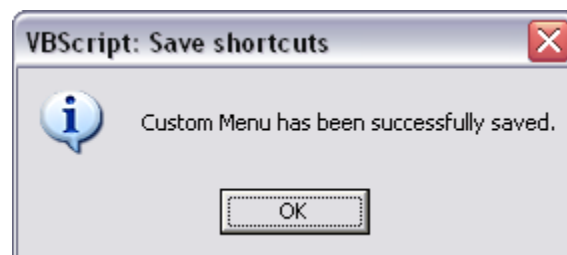
Figure 2-19: VBScript: Save shortcuts screen

The system saves the custom menu to an XML file and uses the naming convention of user name and language, for example, **AM2000CustomMenuen-us.xml**. Below is an example of a custom XML file.

```
node name="Custom Menu" opened="1" root="yes" default="yes" ID="node_0"
SIZE="11" CAPNAME="CUSTOM MENU">
<document InfPlatform="infinium" InfDescript="Work with Entity Controls"
InfJobName="WWE" InfVersion="0" InfSystem="CA" InfHelpDistPort=""
InfHelpDistHost="" InfHelpDistWeb="false" InfLangCode="ENU"
InfCommandParam="//WWE" InfSystemDesc="" name="Work with Entity Controls"
SourceId="menu" ID="document_1" SIZE="25" CAPNAME="WORK WITH ENTITY
CONTROLS"/>
<document InfPlatform="infinium" InfDescript="Enter New Hires"
InfJobName="PEMFI005" InfVersion="402" InfSystem="PE" InfHelpDistPort=""
InfHelpDistHost="" InfHelpDistWeb="false" InfLangCode="ENU"
```

```
InfCommandParam="//PEMFI005" InfSystemDesc="" name="Enter New Hires"
SourceId="menu" ID="document_2" SIZE="15" CAPNAME="ENTER NEW HIRES"/>
<document InfPlatform="infinium" InfDescript="Update Recruitment Costs"
InfJobName="PEMFI042" InfVersion="402" InfSystem="PE" InfHelpDistPort=""
InfHelpDistHost="" InfHelpDistWeb="false" InfLangCode="ENU"
InfCommandParam="//PEMFI042" InfSystemDesc="" name="Update Recruitment
Costs" SourceId="menu"/>
</node>
```

You should make a back-up copy of the user's custom XML file.

If the user ID is removed from the system, for example, they are no longer employed by the company; you should remove their custom XML file from the system.

Executing a custom menu option

WebTop Server provides two methods of executing a menu item for Infor products from the custom menu.

- Launching the menu option in the same environment in which you create the option

- Launching the menu option into a system that is different from the system from which you originally create the menu option

Launching a menu option in the same environment

To launch a menu option in the same environment in which you create it, click the menu item from the Custom Menu.

Launching a menu option into a different system

Follow the steps below to launch a menu option into a different system.

1 Right click the menu item, for example, Order Entry:: ORD700D. The system displays a pop-up window that lists various environments as shown in the figure below.
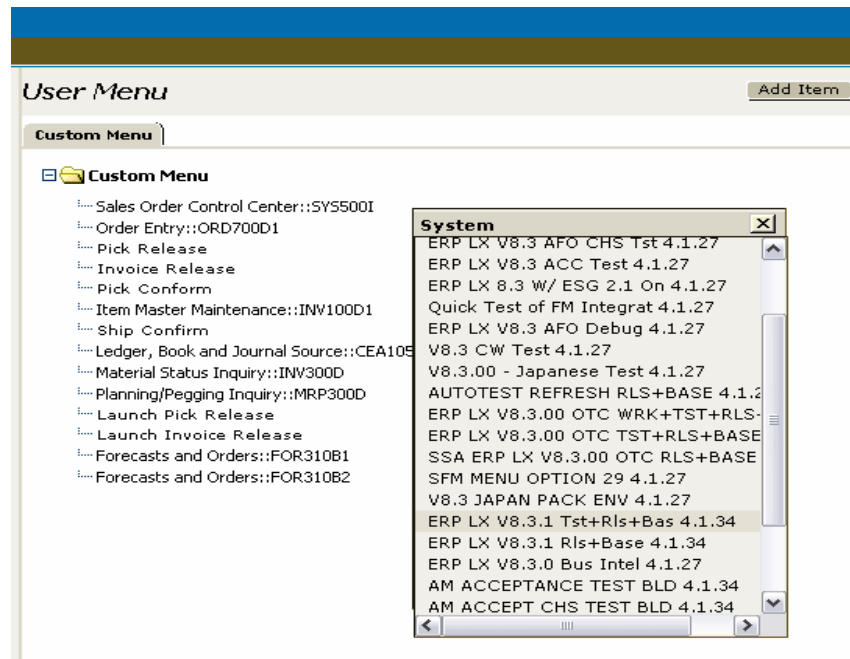
Figure 2-20: Custom Menu screen

2 Select the system (environment) into which to launch the menu item, for example ERP LX V8.3.1 Tst+Rls+Bas 4.1.34. You see only your authorized systems. When you place your cursor over a menu item on the Custom Menu, the system displays the system description in the Internet Explorer status bar.

Chapter 3 Using Attachment Rules

3

The chapter consists of the following topics:

Overview

You use attachment rules to create and maintain image and HTTP anchor tags that you can attach to a help attachment frame.

To attach rules to a display file, you must add a manual decorator to the W3PDEC file. You can add the decorator to the following levels:

- System

  To show an attachment decorator at the System level, set dedisply = ' ' and delibrary = ' '.

- Display File

  To show an attachment decorator at the Display File level, set deformat = ' '.

- Format

After you set a decorator at the Display File or System level, you can no longer use the Web Server user interface or the WTRDM command to edit the decorator.

After you make changes to the attachment decorators, you should perform these tasks:

- Reset the user interface

  Update *PlatformLibraryName*/W3PDFV SET FVC00102-' ' WHERE FVSYSD = *'System Designator'*

- Clear the Internet browser cache

Using attachment rule maintenance (ATRULE)

You use the ATRULE command to create and maintain attachment rules for images and HTTP anchor tags that you can attach to a help attachment frame. The ATRULE command calls the W3GRULEM program. The system stores attachment definitions in the W3PATRULE file in your platform library.

The ATRULE utility program supports attachment rules for the following URL types:

- Absolute URL

  For example, http://

- Relative URL

  For example, entering 'pictures' for the PREFIX uses the running path and appends '/' + 'pictures' to the running path as follows:

  running path =
  'http://mymachine:8010/inabler/web/httproot/pages/main/content' + '/' +
  'pictures'

- Application context root

  Using a supported/installed context root directs the request to the installed context root. For example, using
  /INFINIUM/web/httproot/pictures uses the following URL:

  'http://machine:8010' + '/INFINIUM/web/' + 'pictures'

Complete the steps below to run the ATRULE utility.

1 Position the cursor at a command line on the iSeries.

2 Type the following commands and press Enter after each one.

   ADDLIBLE (platform library name)

   Where platform library name is the name of your platform library, for example, AM2000

   ATRULE

   The system displays the Attachment Rule Maintenance screen similar to the one displayed below.

```
   W3GRULEM                 Attachment Rule Maintenance                13:26:14


   ─────────────────────────────────────────────────────────────────────────
     System      __
     Release     =_
     Mod         _










   ─────────────────────────────────────────────────────────────────────────
                              Cmd 3 = Exit
```
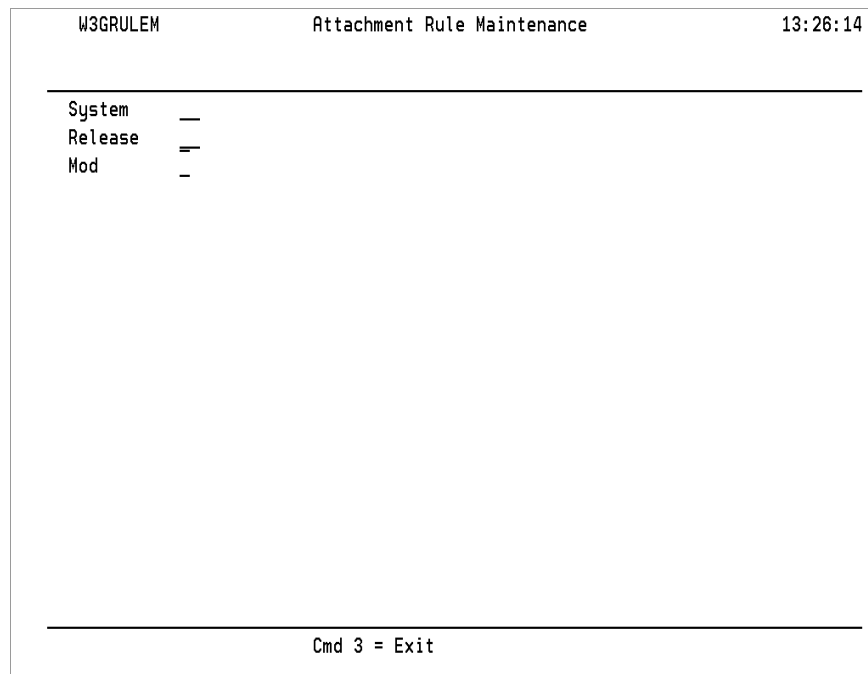
Figure 3-1: Attachment Rule Maintenance prompt screen

3 Use the information below to complete the fields on this screen.

System

Type the system for which you are creating a URL.

Release

Type the release for the product for which you are creating a URL.

Mod

Type the modification level for the product for which you are creating a URL.

4 Press Enter. The system displays the Attachment Rule Maintenance screen similar to the one displayed below.

```
 _    W3GRULEM              Attachment Rule Maintenance            12:46:37


    System PE    Release 10    Mod  3

  Type Option(s) and press Enter
    2=Change 4=Delete 5=Display

  Opt  Rule/Description            Type












              Cmd 3=Exit  Cmd 5=Refresh  Cmd 6=Add  Cmd 12=Cancel
```

Figure 3-2: Attachment Rule Maintenance screen

On this screen you can perform the following actions:

- Change an attachment record by typing **2** in Opt next to the record to change

- Delete an attachment record by typing **4** in Opt next to the record to delete

- Display an attachment record by typing **5** in Opt next to the record to display

- Create a new record by pressing F6

5 Press F6. The system displays the Attachment Rule Maintenance screen similar to the one displayed below.

```
W3GRULEM/DSP02           Attachment Rule Maintenance              12:54:43
_____

System Key          83 / 08 / 3            Mode              Update

Rule Name           GOOGLE
Rule Description     Google link_____
Rule Type           H Linked Rule        _____
Frame?              1
Row                 ___ Column            ___
URL Text            Google link_____

URL to build
Host                _____ Port          _____
Prefix              http://www.google.com_____
Field substitutions
Prefix          Field Name      Start       Length        Suffix
_____        _____        ____        ____          _____
_____        _____        ____        ____          _____
_____        _____        ____        ____          _____

Suffix              _____
_____
                    F3=Exit  F5=View URL  F12=Cancel
```

Figure 3-3: Attachment Rule Maintenance screen

6 Use the information below to complete the fields on this screen and create up to three fields for the URL.

Rule

Type the name of this rule. For example, for an item image rule, you can use ITEM_IMAGE or you can use a generic rule for the Google attachment rule such as **GOOGLE**. The name can include spaces.

Desc

Type a brief description for this rule.

Type

Specify whether this attachment rule is an image or an HTTP anchor tag. Valid values are:

I   Image

H   HTTP anchor tag

Linked Rule

Type the name of an existing attachment rule to launch when you click the image.

Frame

Type **1** to show the image in the help frame. If you type **0**, you must specify row and column values in the *Row* and *Col* fields.

Row

Type the number that represents the row position on the screen for this attachment.

Col

Type the number that represents the column position on the screen for this attachment.

URL Text

Type the text to display on the screen for the URL.

For an image, **I**, this is alternate text. For an HTTP anchor tag, **H**, the text you type here is the text on the screen.

Host

To override the existing host values, specify the new host.

Port

To override the existing port values, specify the new port.

Prefix

Type the beginning of the URL, for example, **http://** or the relative path to the files to be displayed, for example. **pictures/**.

Field Prefix

Type the prefix for the specific field. For example, for an item number **123**, if you specify PRODUCT as a field prefix, the result in the URL is **PRODUCT123**.

Field Name

Type the name of the field to substitute its value into the URL. In addition to any field name on the display, you can use the following system values, which are substituted at run-time:

- **_sys_**
- **_rls_**

- **_mod_**
- **_lib_**
- **_plat_**
- **_jobn_**
- **_ver_**
- **_display_**
- **_format_**

Field Start

If you are substituting a value for the field and it is a partial field substitution, type the position within the field where the substitution starts.

Field Length

Type the length of the field from the starting position.

Field Suffix

Type the ending value of the field, for example **.gif** or **.pdf** for a field substitution or "/" if this is a directory.

7 Press Enter to save the attachment rule, or if the three template fields do not meet your needs, press F5 to display the complete URL string. You can override the URL with text that meets your requirements. When you press F5, the system displays a screen similar to the one below.
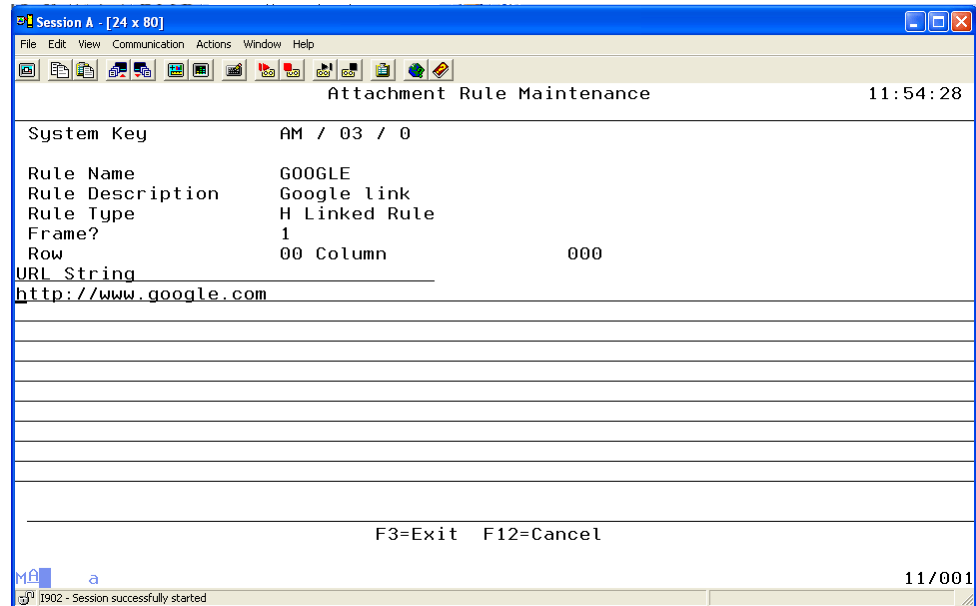
Figure 3-4: Attachment Rule Maintenance override screen

8 Modify the URL string field.

Note: After you manually modify the URL string field, you cannot change the first three template fields. You must make additional modifications on the override screen.

9 Press Enter to save the attachment rule.

Attachment rule examples

Below are three examples of attachment rules.

Example of an attachment rule for an absolute URL

In this example, the rule name is **GOOGLE**. The description is **Google Search Engine**. The type is **H**, HTTP anchor tag. The URL text on the help frame Web page is **Google Search**. The URL that launches the attachment is **http://www.google.com/**. When you click the URL, the system launches the home page for the Google Search Engine.

Figure 3-5: Attachment Rule Maintenance screen for an absolute URL

Example of a relative link attachment rule

In this example, the rule is **INV100F2.SCR001.PRODUCTPICT**. The description is **Product Picture Link**. The type is **H**, HTTP anchor tag, is in the help frame. The URL text on the help frame Web page is **Parts List**.

A dynamic link uses the field value at run-time and substitutes it into the URL. This allows the content of the URL to change as data changes.

In this example, the system appends the .pdf file extension to the value you enter in the *Field Name* field, in this case, **WK0039** and then appends this to the value **pictures/** in the *Field Prefix* field. If, for example, the value of **WK0039** is **123**, then the file is **pictures/123.pdf**.
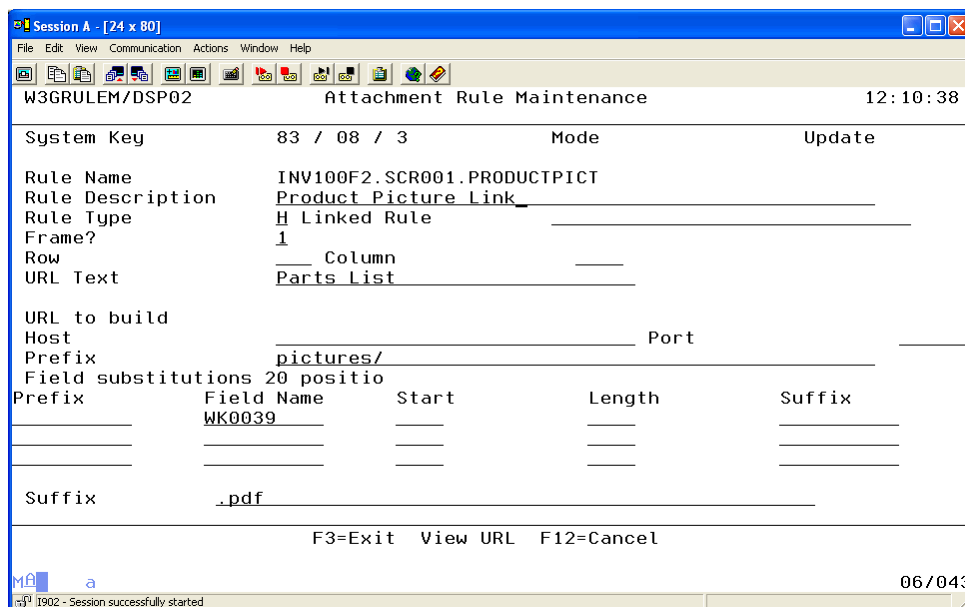
Figure 3-6: Attachment Rule Maintenance screen for a relative link

Example of an attachment rule with no slash in the *Field Prefix* field

In this example, the rule is **ADMIN**. The description is **INFINIUM ADMIN LINK**. The type is **H**, an HTTP anchor tag, which the system displays in the help frame. The URL text on the help frame Web page is **Infinium Admin**. The URL to launch is **/inabler/Admin**. When you click the URL, the system launches the Infinium Admin Servlet Web page.
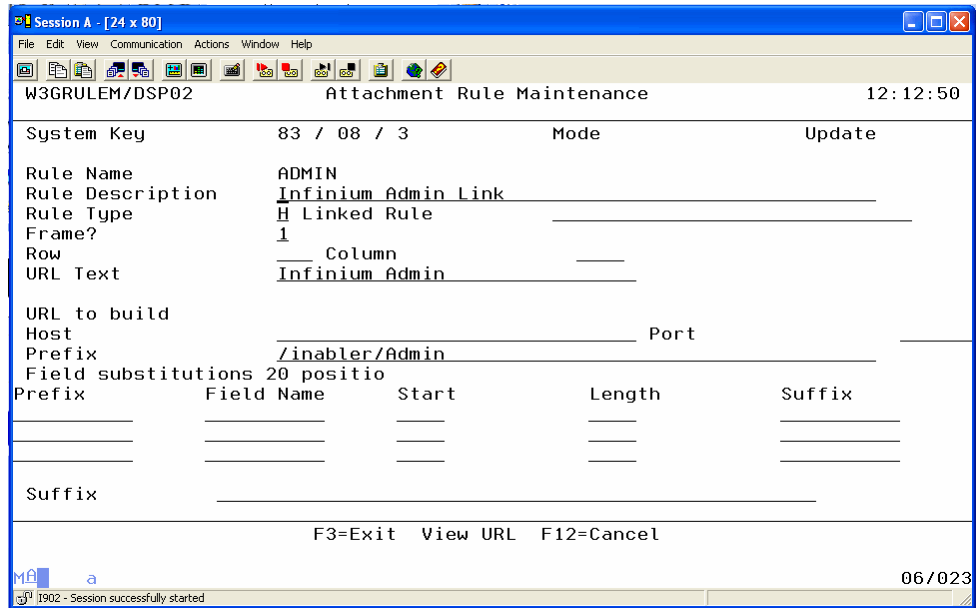
Figure 3-7: Sample Attachment Rule with no slash

Attaching attachment rules to a panel or display file

To attach rules to a display file, you must add a manual decorator to the W3PDEC file. You can add the decorator to the following three levels:

- System

  The system level attaches the rule to every panel for the specified system, release and module.

- Display File

  The display file level attaches the rule to every panel in the display file within the system, release and modification.

- Format

  The format attaches the rule to the specified record format for a particular display file in a specific system, release and modification.

  The format for XML that you must enter in the *DEXML* field in the W3PDEC file is shown below. All XML entries are case sensitive.

  ```
  <fa>
    <r n="name"/>
  </fa>
  ```

Where:

- fa is the attachment element.
- r is the rule element. There can be many 'r' elements in an attachment decorator.
- The n attribute is the name of the attachment rule. This value must be in double quotation marks.

Examples of attachment rules

Below are three examples of attachment rules.

System level attachment example

In this example, the NASDAQ attachment rule is attached to all display files in the system, release, and modification.

```
DEDISPLY = *BLANKS
DEFORMAT = *BLANKS
DETYPE = 'TF'
DEMAN = 'Y'
DEXML =<fa><r n="NASDAQ"/></fa>
```

You must specify the following values for manual decorators:

- **TF** in the *DETYPE* field which indicates it is the third field

- **Y** in the *DEMAN* field which indicates it is manual

Display file attachment example

In this example, the NASDAQ attachment rule is attached to all formats for the PRDCCOM display file in the specific system, release and modification.

```
DEDISPLY = 'PRDCCOM'
DEFORMAT = *BLANKS
DETYPE = 'TF'
DEMAN = 'Y'
DEXML = <fa><r n="NASDAQ"/></fa>
```

You must specify the following values for manual decorators:

- **TF** in the *DETYPE* field which indicates it is the third field

- **Y** in the *DEMAN* field which indicates it is manual

Format level attachment example

In this example, the attachment rules INV100F2.DSP01.ITEMMSDS, INV100F2.DSP01.PRODUCTPICT and GOOGLE are attached to the display file TESTPGMFM, and the format DSP01.

The values in the DEXML field are on a single line.

```
DEDISPLY = 'TESTPGMFM'
DEFORMAT = 'DSP01'
DETYPE = 'TF'
DEMAN = 'Y'
DEXML = <fa><r n="INV100F2.DSP01.ITEMMSDS"/><r
n="INV100F2.DSP01.PRODUCTPICT"/><r n="GOOGLE"/></fa>
```

You must specify the following values for manual decorators:

- **TF** in the *DETYPE* field which indicates it is the third field

- **Y** in the *DEMAN* field which indicates it is manual

Resetting the run-time generation flag in the W3PDFV file

You must manually run the following SQL command in an SQL session to reset the run-time generation flag in the W3PDFV file in the platform library:

UPDATE *PlatformLibraryName*/W3PDFV SET FVC00102 = '' WHERE FVDISPLAY = ' *DisplayFileName*'

Where *PlatformLibraryName* is the name of your Platform Library, such as AM2000 and *DisplayFileName* is the name of the display file. The display file name is case sensitive.

For example:

UPDATE AM2000/W3PDFV SET FVC00102 = '' WHERE FVDISPLAY = 'TESTPGMFM'

Notes

Chapter 4 WebTop Server Routing

<div style="text-align: right;">4</div>

The chapter consists of the following topics:

Overview

WebTop Server provides the capability to route Webtop server runtime jobs to a specified job description. The job description then dictates the job queue and the subsystem to use.

Enabling WebTop Server routing

Complete the steps below to enable routing in WebTop Server.

1 At an iSeries command line, type the following commands and press Enter after each command:

   ADDLIBLE *platformlibrary*

   STRSQL

   Replace *platformlibrary* with the correct name of your Webtop Server platform library.

2 To enable routing, type the following command at the SQL command line to set 'jobd.route.use' to **true** in the W3PPROP file:

   UPDATE W3PPROP SET PRRECORD='jobd.route.use=true' where PRRECORD='jobd.route.use=false'

3 Continue to the "Routing jobs by port and job description" or "Routing jobs by user and job description" sections.

Routing jobs by port and job description

Complete the steps below to enable routing by port and job description within WebTop Server.

Routing jobs by port is an example of regional use of the routing feature. You must create a port for each site location (region) in the WebSphere virtual host for the application server running WebTop Server. Each site location uses a different port to access Webtop Server. Program W3GJOB uses the port number to route the job to the correct job description.

1 Type the following command at the SQL command line to create the routing record in the W3PPROP file:

> **INSERT INTO W3PPROP (PRSYSD, PRRLS, PRMOD, PRDISPLY, PRSEQ, PRRECORD) VALUES('', '', '', '', 0, 'jobd.route.port.001=&*PORT*.&*JOBDNAME*')**

Replace *&PORT* with the correct port number to use to access the WebTop Server application. Replace *&JOBDNAME* with the correct job description to use to submit the WebTop Server jobs to the specified subsystem.

You must create a property file entry for each port to route jobs to a given subsystem. The new job description must reside in the library specified in the INLLIBL parameter on the QZRDSSRV job description to submit jobs correctly.

For each additional W3PPROP record, the number you substitute for xxx in the **jobd.route.port.xxx** field must be one higher than the number you previously entered. The numbers must be sequential, starting with **001**. For example, if you entered **jobd.route.port.001**, the next value you enter is **jobd.route.port.002**.

2 Press F3 and then press Enter to save and exit the SQL session.

3 Type the following command at an iSeries command line and press Enter after the command:

> **RMVLIBLE** *platformlibrary*

Replace *platformlibrary* with the correct name of your WebTop Server platform library.

Routing jobs by user and job description

Complete the steps below to enable the routing feature by user and job description within WebTop Server.

1 Type the following command at the SQL command line to create the routing record in the W3PPROP file:

INSERT INTO W3PPROP (PRSYSD, PRRLS, PRMOD, PRDISPLY, PRSEQ,PRRECORD) VALUES(", ", ", ", 0, 'jobd.route.user.001=*&USER.&JOBDNAME*')

Replace *&USER* with the correct user profile to use to log on to the WebTop Server application. Replace *&JOBDNAME* with the correct job description to use to submit the WebTop Server jobs to the specified subsystem.

You must create a property file entry for each user. The system routes the job based on the user and the job description. The new job description must reside in a library specified in the INLLIBL parameter on the QZRDSSRV job description to submit jobs correctly.

For each additional W3PPROP record, the number you substitute for xxx in the **jobd.route.user.xxx** field must be one higher than the number you previously entered. The numbers must be sequential, starting with **001**. For example, if you entered **jobd.route.user.001**, the next value you enter is **jobd.route.user.002**.

2 Press F3 and then press Enter to save and exit the SQL session.

3 Type the following command at an iSeries command line and press Enter after the command:

RMVLIBLE *platformlibrary*

Replace *platformlibrary* with the correct name of your WebTop Server platform library.

Notes

Chapter 5 Using the Webtop Run-time Data Command

5

This chapter discusses using the Webtop run-time data command, WTRDM.

The chapter consists of the following topics:

WebTop run-time data maintenance

The WebTop run-time data maintenance command, WTRDM, is a utility that allows you to maintain WebTop Server run-time data. Use this utility to add, change, delete, and display the following WebTop attributes:

- W3PRTA, run-time attribute records
- W3PFRT, field rename table records
- W3PCRV, records comp/range/values records
- Decorators
- User interface
- User interface definition

Working with the WebTop run-time utility

Complete the steps below to use the WebTop run-time utility.

1 At a System i command line, type the following command and press Enter.

   ADDLIBLE *<platform library name>*

   Replace *<platform library name>* with your platform library.

2 At a System i command line, type the following command and press Enter.

   WTRDM

The system displays the screen shown in Figure 5-1.

```
W3GCHGFK/DSP01        Webtop Runtime Data Maintenance     10/19/2007  09:06:32


    System Key          PY
    Release             10
    Mod                 4
    Library             HR2000
    Display             PRDHIM


                                    F3=Exit
```

Figure 5-1: Webtop Runtime Data Maintenance prompt screen

3 Use the information below to complete the fields on this screen.

System Key

Type the system of the application to maintain.

Release

Type the release of the application to maintain.

Mod

Type the number that represents the modification of the application to maintain.

Library

Type the object library name for the library of the application to maintain.

Display

Type the file name of the display file of the application to maintain.

4 Press Enter. The system displays the screen shown in Figure 5-2.

```
W3GCHGFK/SFLC04        Webtop Runtime Data Maintenance    10/19/2007 09:14:22
                              Format Display

System Key          PY / 10 / 4
Library             HR2000
Display             PRDHIM
Format              TWO
User                AM2000____


Enter option and press enter
1=RTA Records  2=FRT Records  3=CRV Records  4=Decorators  5=User Interface XML
6=User Interface Definition 7=Fields                              79 positions

Opt Format             Format Type         Unique Format Name
 _  ALIGN
 _  FIVE               NORMAL              PRHIM08
 _  FIVEC              NORMAL              PRHIM09
 _  FOOT3A             NORMAL              PRHIM05
 _  FOOT3B             NORMAL              PRHIM06
                                                           MORE...


                      F3=Exit  F12=Cancel
```

Figure 5-2: Webtop Runtime Data Maintenance Format Display selection screen

If a user is set up as a Web Designer administrator, the *User* field allows them to modify run-time data for all user profiles or for an individual user profile as shown in Figure 5-3.

```
W3GCHGFK/SFLC04        Webtop Runtime Data Maintenance    11/12/2007 13:31:02
                              Format Display

System Key          PE / 10 / 4
Library             HR2000
Display             PRDHIM
Format              TWO
User                *ALL_____


Enter option and press enter
1=RTA Records  2=FRT Records  3=CRV Records  4=Decorators  5=User Interface XML
6=User Interface Definition 7=Fields                              79 positions

Opt Format             Format Type         Unique Format Name
 _  ALIGN
 _  FIVE               NORMAL              PRHIM08
 _  FIVEC              NORMAL              PRHIM09
 _  FOOT3A             NORMAL              PRHIM05
 _  FOOT3B             NORMAL              PRHIM06
                                                           MORE...


                      F3=Exit  F12=Cancel
```

Figure 5-3: Webtop Runtime Data Maintenance Format Display selection screen

Establishing Web Designer status

To define a user as a Web Designer administrator, you must type the following command at the SQL command line to modify the W3PPROP file:

INSERT INTO W3PPROP (PRSYSD, PRRLS, PRMOD, PRDISPLY, PRSEQ, PRRECORD, PRLASTCH, PRLUSER) VALUES('', '', '', '', 0, '[*PLATFORM*].[*UID*].ROLE.[*Seq*]=WEBDESIGNERADMIN', 20071030, 'WEB')

Replace *[PLATFORM]* with the correct Infor application with which you are working, such as **INFINIUM**, **BPCS**, **PRISM**, or **BOSS**. Replace *[UID]* with the correct System i user profile to enable. Replace [**Seq**] with a sequential number.

Maintaining WebTop run-time data

The Webtop Runtime Data Maintenance Format Display selection screen lists the formats for the specified display file including the number of visible and hidden fields and the appropriate lengths for each.

5 Type the appropriate value in the *Opt* field next to each display file for which you are performing an action. Valid values are:

1	RTA, run-time attribute records
2	FRT, field rename table records
3	CRV, comp/range/values records
4	Decorators
5	User interface
6	User interface definition
7	Fields

6 Press Enter.

Displaying run-time attribute records

When you specify **1** in the *Opt* field on the screen shown in Figure 5-2, the system displays the run-time attribute records in the W3PRTA file for the selected display file and format, shown in Figure 5-4.

```
W3GCHGFK/SFLC06       Webtop Runtime Data Maintenance     10/19/2007  09:15:26
                              RTA Display

 System Key          PY / 10 / 4
 Library             HR2000
 Display             PRDHIM
 Format              FIVE


 Enter option and press enter
 5 = Display                                                  79 positions


 Opt    Sequence Number        Field Name        Keyword
  =     50                     PYHTO             CONDFLD
  _     60                                       WHITE
  _     60                     PRINF             REVERSE
  _     60                     PRINF             POSCURSOR
  _     60                     PRPAY             REVERSE
  _     60                     PRPAY             POSCURSOR
  _     60                     PYATR             REVERSE
                                                              MORE...


                    F3=Exit   F12=Cancel
```

Figure 5-4: Webtop Runtime Data Maintenance RTA Display screen

Displaying field rename table records

When you specify **2** in the *Opt* field on the screen shown in Figure 5-2, the system displays the field rename table records in the W3PFRT file for the selected display file and format, shown in Figure 5-5.

Figure 5-5: Webtop Runtime Data Maintenance Field Rename Display screen

Displaying comp, range, values records

When you specify **3** in the *Opt* field on the screen shown in Figure 5-2, the system displays the Comp/Range/Value records contained in the W3PCRV file for the selected display file and format, shown in Figure 5-6.

```
W3GCHGFK/SFLC08       Webtop Runtime Data Maintenance    10/19/2007  09:17:48
                              CRV Display

System Key           PY / 10 / 4
Library              HR2000
Display              PRDHIM
Format               FOUR

Enter option and press enter
5 = Display

Opt Field Name      Field Type          Keyword
 =  PEVTYP          A                   VALUES
 _  PEVTYP          A                   VALUES
 _  PEVTYP          A                   VALUES




                                                                     BOTTOM

                        F3=Exit  F12=Cancel
```

Figure 5-6: Webtop Runtime Data Maintenance CRV Display screen

Maintaining decorators

> **Caution**: When you install an update to your Infor application that runs over WebTop Server and you previously applied manual decorators to the application, the update may override those manual decorators. Refer to the "Restoring manual decorator defaults" topic in this chapter for more information.

Maintaining decorators at a display/format level

When you specify **4** in the *Opt* field on the screen shown in Figure 5-2, the system displays all decorators in the W3PDEC file for the selected format shown in Figure 5-7.

```
W3GCHGFK/SFLC03        Webtop Runtime Data Maintenance      10/19/2007 09:18:37
                                  Decorators


System Key              PY / 10 / 4
Library                 HR2000
Display                 PRDHIM
Format                  THREE
User                    AM2000


Enter option and press enter
2=Change  4=Delete  5=Display  8=History                        79 positions


Opt Field Name      Row / Column            Decorator Type      M User        D
 =   PRBPFL                /                 YN-Yes/No Checkbox  Y
 _   PRBRTF                /                 LS-List Box         Y
 _   PRNRV8                /                 DT-Date
 _   PRNSP8                /                 DT-Date




                                                                     BOTTOM


                  F3=Exit  F6=Create  F12=Cancel
```

Figure 5-7: Webtop Runtime Data Maintenance Decorators screen

You can perform the following actions on this screen:

- Change the decorator definitions by typing **2** in the *Opt* field next to the decorator to change and pressing Enter.

- Delete the decorator definitions by typing **4** in the *Opt* field next to the decorator to delete and pressing Enter.

- Display the decorator definitions by typing **5** in the *Opt* field next to the decorator to display and pressing Enter.

- View the history of the decorator by typing **8** in the *Opt* field next to the decorator to view and pressing Enter.

Maintaining decorators at a display/format field level

When you specify **7** in the *Opt* field on the screen shown in Figure 5-2, the system displays all the fields in the file for the selected format shown in Figure 5-8.

```
W3GCHGFK/SFLC01       Webtop Runtime Data Maintenance      10/16/2007  10:30:41
                             Field Data

System Key          PE / 10 / 4      No. Visible Fields      27
Library             HR2000           Visible Length          385
Display             PEDOSM           No. Hidden Fields        2
Format              ADDINJ           Hidden Length           12
                                     Unique Name          PEOSM03
Enter option and press enter         Type                 NORMAL
5-Disply Field Data  6-Add Decorator                      79 positions


Opt  Field Name     Row           Column          Offset
 _   STPRG          1             81               1
 _   STDFIL         1             72               13
 _   PAGCNT         2             67               23
 _   PAGTOT         2             73               29
 _   OSER           3             21               35
 6   CONAME         3             28               40
 _   OSCASE         4             21               72
                                                          MORE...

                       F3=Exit  F12=Cancel
```

Figure 5-8: Webtop Runtime Data Maintenance Record format selection screen

You can use either the display/format level or the field level to add decorators as discussed in the "Adding decorators" topic below.

Adding decorators

Complete the steps below to add a decorator.

1 Complete the screen shown in Figure 5-1. The system displays the Webtop Runtime Data Maintenance Format Display screen for the selected format shown in Figure 5-9.

```
W3GCHGFK/SFLC04      Webtop Runtime Data Maintenance      10/16/2007 10:30:07
                              Format Display

System Key           PE / 10 / 4
Library              HR2000
Display              PEDOSM
Format               CTL
User                 AM2000

Enter option and press enter
1=RTA Records  2=FRT Records  3=CRV Records  4=Decorators  5=User Interface XML
6=User Interface Definition 7=Fields                           79 positions

Opt Format             Format Type         Unique Format Name
 _  ADDILL             NORMAL              PEOSM04
 7  ADDINJ             NORMAL              PEOSM03
 =  ALIGN
 _  CHKFLG             WINDOW              PEOSM13
 _  CTL                NORMAL              PEOSM02
                                                              MORE...


                        F3=Exit  F12=Cancel
```

Figure 5-9: Webtop Runtime Data Maintenance Format Display selection screen

2 Type **7** in the *Opt* field next to a format and press Enter. The system displays all the fields in the file for the selected format shown in Figure 5-10.

```
W3GCHGFK/SFLC01      Webtop Runtime Data Maintenance      10/16/2007  10:30:41
                               Field Data

System Key       PE / 10 / 4      No. Visible Fields      27
Library          HR2000           Visible Length          385
Display          PEDOSM           No. Hidden Fields        2
Format           ADDINJ           Hidden Length           12
                                  Unique Name         PEOSM03
Enter option and press enter      Type                NORMAL
5-Disply Field Data  6-Add Decorator                       79 positions

Opt  Field Name    Row          Column       Offset
 _   STPRG         1            61           1
 _   STDFIL        1            72           13
 _   PAGCNT        2            67           23
 _   PAGTOT        2            73           29
 _   OSER          3            21           35
 6   CONAME        3            28           40
 _   OSCASE        4            21           72
                                                              MORE...


                        F3=Exit  F12=Cancel
```
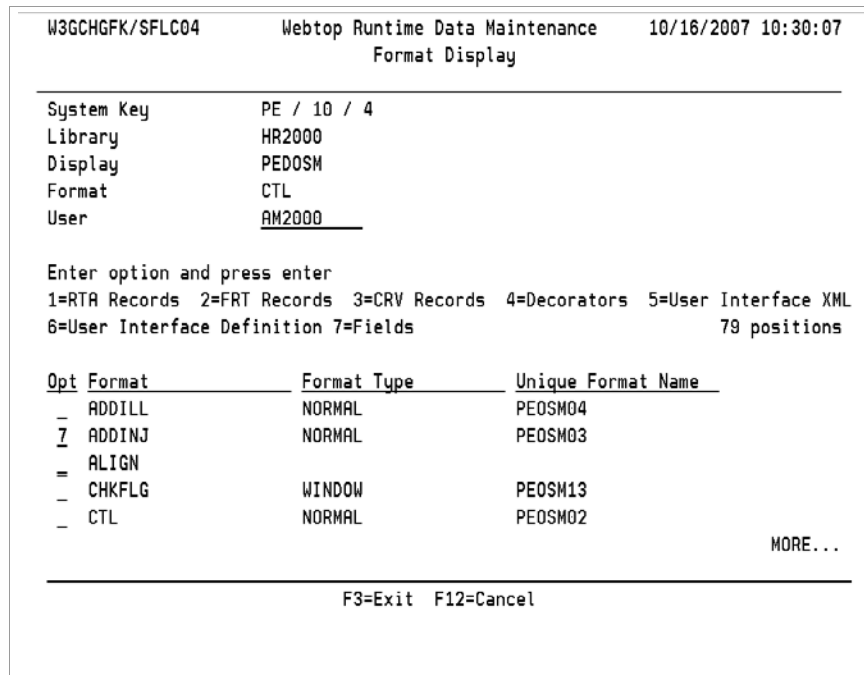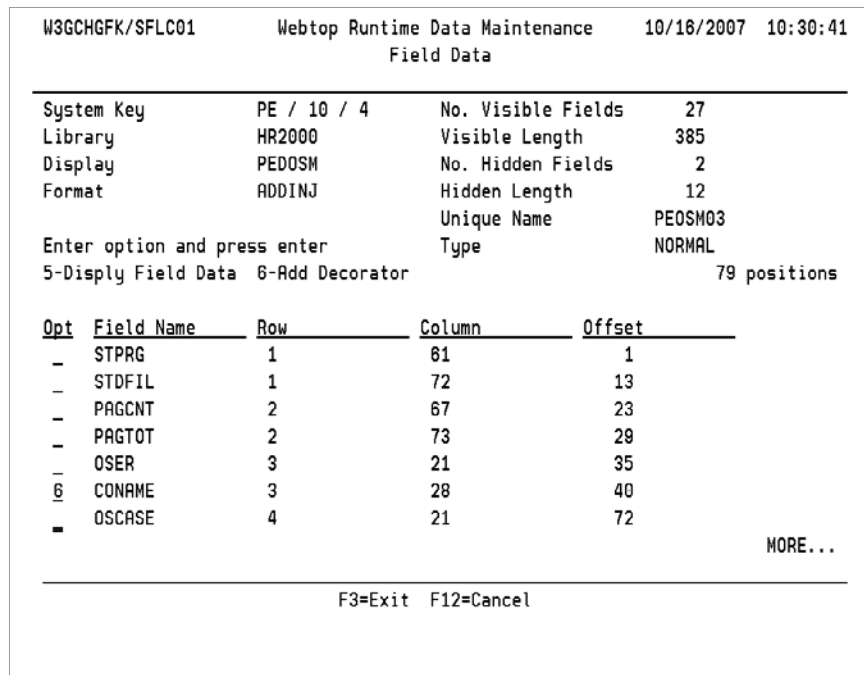
Figure 5-10: Webtop Runtime Data Maintenance Field Data selection screen

3 Type **6** in the *Opt* field next to a field and press Enter. The system displays the screen for the selected field shown in Figure 5-11.

```
W3GCHGFK/DSP04          Webtop Runtime Data Maintenance     10/16/2007 10:31:04
                             Decorator Maintenance
_____

System Key           PE / 10 / 4
Library              HR2000
Display              PEDOSM
Format               ADDINJ

Decorator            _   +

Field                CONAME
       or
Row
Column




_____
                       F3=Exit  F4=Prompt  F12=Cancel
```

Figure 5-11: Webtop Runtime Data Maintenance Decorator Maintenance screen

4 Prompt on the *Decorator* field to display the decorator options shown in Figure 5-12.

```
W3GCHGFK/SFLC11      Webtop Runtime Data Maintenance    10/16/2007  10:46:06


          _____

     Opt  Decorator Type
      _   LE-List Box Extl Call
      =   LS-List Box
      _   OF-Option Field
      _   OP-Option Button
      _   OR-Rendering Option
      _   PR-Prompt
      _   RA-Right Adjust
      _   RB-Radio Button
      _   RL-Roll Key
      _   RP-Reposition Label
      _   RQ-Required Field
      _   TB-Text Box
      _   TF-Title Field
      _   UC-Update Constant
                                                          MORE...
          _____
                        F3=Exit  F12=Cancel

```
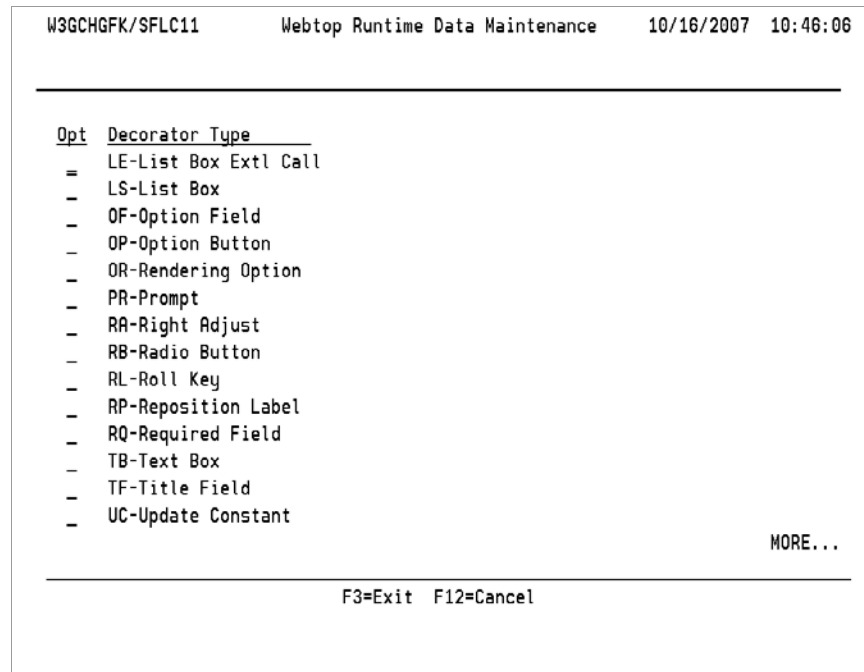
Figure 5-12: Webtop Runtime Data Maintenance decorator type screen

You can perform the following actions for decorators:

- Add a constant

- Add a message ID

- Add an attachment

- Change text to bold

- Add a button action

- Change the colors or text and backgrounds

- Add a date decorator

- Add an e-mail decorator

- Hide a field

- Add an HTTP link

- Add a list box

- Add an option field

- Change the rendering of text

- Add a prompt

- Right adjust text

- Add a radio button decorator

- Add a roll key

- Add a required decorator

- Add a text box

- Update the title field

- Add a yes/no check box

The following options are currently unavailable:

- Clickable list

- Function key field

- Grid

- Group option

- Reposition of label

Adding a constant

Use the Add Constant decorator to add a constant to a screen.

Complete the steps below to add a constant.

1 On the Webtop Runtime Data Maintenance Format Display selection screen, shown in Figure 5-9, select a format with **4**. The system displays the screen shown in Figure 5-13.
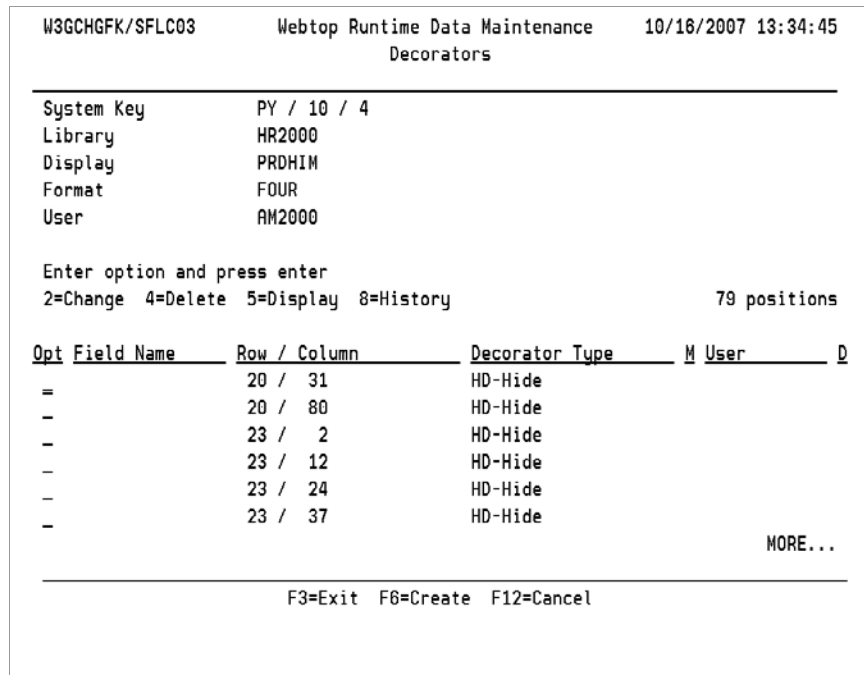
```
W3GCHGFK/SFLC03        Webtop Runtime Data Maintenance    10/16/2007 13:34:45
                              Decorators

System Key          PY / 10 / 4
Library             HR2000
Display             PRDHIM
Format              FOUR
User                AM2000


Enter option and press enter
2=Change  4=Delete  5=Display  8=History                        79 positions

Opt Field Name      Row / Column        Decorator Type    M User          D
 =                  20 /  31            HD-Hide
 _                  20 /  80            HD-Hide
 _                  23 /   2            HD-Hide
 _                  23 /  12            HD-Hide
 _                  23 /  24            HD-Hide
 _                  23 /  37            HD-Hide
                                                                   MORE...


                    F3=Exit  F6=Create  F12=Cancel
```

Figure 5-13: Webtop Runtime Data Maintenance Decorators screen

2 Press F6. The system displays the screen shown in Figure 5-14.

```
W3GCHGFK/DSP04         Webtop Runtime Data Maintenance    10/16/2007 13:40:06
                           Decorator Maintenance

System Key          PY / 10 / 4
Library             HR2000
Display             PRDHIM
Format              FOUR

Decorator           AC +

Field               _____
     or
Row                 10__
Column              30__




                    F3=Exit  F4=Prompt  F12=Cancel
```
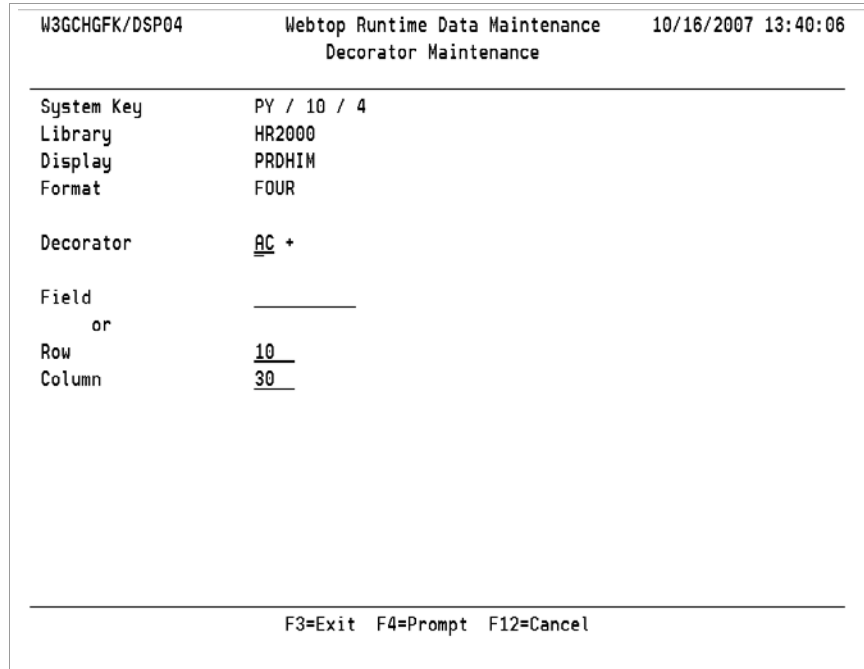
Figure 5-14: Webtop Runtime Data Maintenance Decorator Maintenance screen

3 Use the information below to complete the fields on this screen.

Decorator

Type **AC**.

Row

Specify the row on the screen in which to place the constant text.

Column

Specify the column on the screen in which to place the constant text.

4 Press Enter. The system displays the screen shown in Figure 5-15.

```
W3GCHGFK/DSP05          Webtop Runtime Data Maintenance      10/16/2007 13:40:38
                             Decorator Maintenance

_____
System Key          PY / 10 / 4
Library             HR2000
Display             PRDHIM
Format              FOUR

Decorator           AC Add Constant

Row                 10
Column              030
Constant            Building No._____
Indicator           _____
Color               BLACK_____
Reverse Image       _
Background Color     _____
HTML class          _____
Required            N

_____
                  F3=Exit  F12=Cancel  F22=Delete
```

Figure 5-15: Webtop Runtime Data Maintenance Decorator Maintenance screen

5 Use the information below to complete the fields on this screen.

Constant

Type the constant text to appear on the screen.

Indicator

Specify a number from **1** to **99** that represents the indicator number within the program code for this display/format. For example, **72** could be a warning indicator that reverse images the constant text when an error is detected when processing the screen data.

Color

Specify a color for the field. You can type any HTML extended color name or its corresponding hexadecimal value.

Reverse Image

Specify **Y** to reverse the field image. Otherwise, specify **N** not to reverse the field image.

Background Color

Specify a background color for this field. You can type any HTML extended color name or its corresponding hexadecimal value.

HTML class

Specify an HTML class name that exists in the inablerStyleSheet.css file.

Required

Specify **Y** if this is a required field. Otherwise, specify **N** to indicate that the field is not required.

6 Press Enter to save the constant.

Adding a message ID

Use the Add Message ID decorator to add a literal to a screen. The system uses message IDs to display a literal defined by the message file and message ID.

Complete the steps below to add a message ID.

1 On the Webtop Runtime Data Maintenance Format Display selection screen, shown in Figure 5-9, select a format with **4**. The system displays the Webtop Runtime Data Maintenance Decorators screen shown in Figure 5-13.

2 Press F6. The system displays the screen shown in Figure 5-16.

```
W3GCHGFK/DSP04        Webtop Runtime Data Maintenance    10/16/2007 14:17:58
                          Decorator Maintenance

System Key          PY / 10 / 4
Library             HR2000
Display             PRDHIM
Format              FOUR

Decorator           AM +

Field               _____
     or
Row                 10
Column              21




              F3=Exit  F4=Prompt  F12=Cancel
```

Figure 5-16: Webtop Runtime Data Maintenance Decorator Maintenance screen

3 Use the information below to complete the fields on this screen.

Decorator

Specify **AM**.

Row

Specify the row on the screen in which to place the message ID.

Column

Specify the column on the screen in which to place the message ID.

4 Press Enter. The system displays the screen shown in Figure 5-17.

```
W3GCHGFK/DSP06          Webtop Runtime Data Maintenance      10/16/2007 14:15:17
                              Decorator Maintenance

System Key            PY / 10 / 4
Library               HR2000
Display               PRDHIM
Format                FOUR

Decorator             AM Add Message ID

Row                   10
Column                021
Message ID            MSG0001
Message File          CUSTMSGF
Message File Library  *LIBL
Message Length        022
Indicator             _____
Color                 BLACK_____
Reverse Image         _
Background Color      _____
HTML class            =_____

               F3=Exit  F12=Cancel  F22=Delete
```

Figure 5-17: Webtop Runtime Data Maintenance Decorator Maintenance screen

5 Use the information below to complete the fields on this screen.

Message ID

Type the ID of an existing message ID.

Message File

Type the file name of an existing message file.

Message File Library

Type the library name of the message file.

Message Length

Specify the maximum length for the message text.

Indicator

Specify a number from **1** to **99** that represents the indicator number within the program code for this display/format. For example, **72** could be a warning indicator that reverse images the constant text when an error is detected when processing the screen data.

Color

Specify a color for the field. You can type any HTML extended color name or its corresponding hexadecimal value.

Reverse Image

Specify **Y** to reverse the field image. Otherwise, specify **N** not to reverse the field image.

Background Color

Specify a background color for this field. You can type any HTML extended color name or its corresponding hexadecimal value.

HTML class

Specify an HTML class name that exists in the inablerStyleSheet.css file.

6 Press Enter. The system saves the message ID.

Adding an attachment decorator

Use the attachment decorator to add an attachment rule name to a screen.

The figure below shows examples of attachment decorators in the right pane.
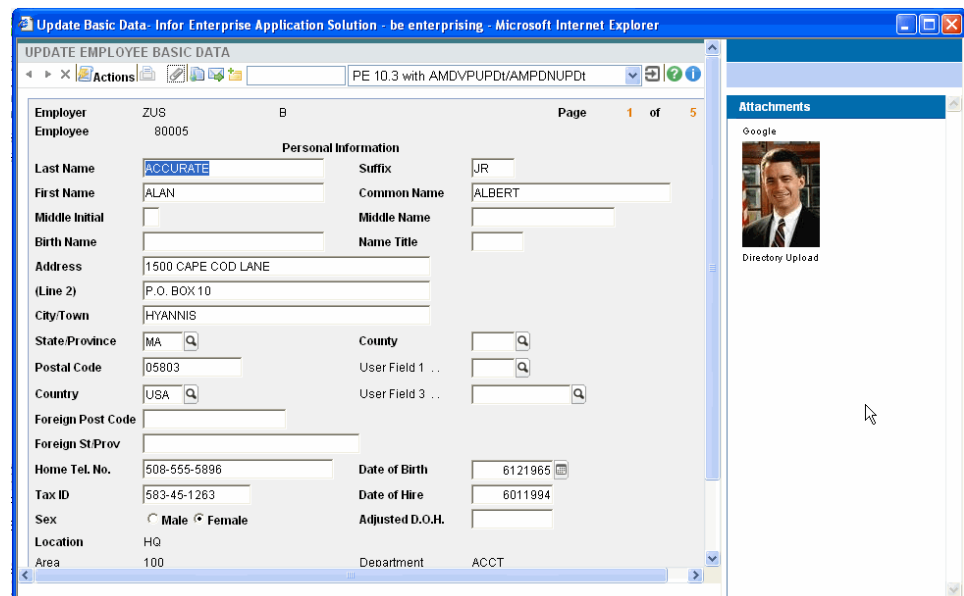
Figure 5-18: Attachment decorator example

Complete the steps below to add an attachment decorator.

1 On the Webtop Runtime Data Maintenance Format Display selection screen, shown in Figure 5-9, select a field with **7**. The system displays the screen shown in Figure 5-19.

```
W3GCHGFK/DSP04          Webtop Runtime Data Maintenance      10/11/2007 12:37:11
                             Decorator Maintenance
_____

System Key          83 / 08 / 3
Library             V830LX0
Display             INV100F2
Format              SCR001

Decorator           AT +

Field
      or            =_____

Row                 ____
Column              ____




_____
                    F3=Exit  F4=Prompt  F12=Cancel
```

Figure 5-19: Webtop Runtime Data Maintenance Decorator Maintenance screen

2 Specify **AT** in the *Decorator* field and press Enter. The system displays the screen shown in Figure 5-20.

```
W3GCHGFK/SFLC15        Webtop Runtime Data Maintenance     10/11/2007 12:37:44
                            Decorator Maintenance

System Key            83 / 08 / 3
Library               V830LX0
Display               INV100F2
Format                SCR001


Decorator Type        AT Attachement

        Attachment Rule____
        GOOGLE_____  +
        _____    +
        _____    +
        _____    +
        _____    +
        _____    +
                                                        MORE...


        _____
                    F3=Exit  F12=Cancel  F22=Delete
```

Figure 5-20: Webtop Runtime Data Maintenance Decorator Maintenance attachment decorator screen

3 Type the name of the attachment rule in the *Attachment Rule* field. The rule name is in uppercase and can contain spaces.

Note: You can add multiple attachment rules for the display/format.

4 Press Enter. The system saves the attachment decorator.

Making text bold

Use the bold decorator to make field text bold.

Complete the steps below to make text bold.

1 On the Webtop Runtime Data Maintenance Format Display selection screen, shown in Figure 5-9, select a field with **7**. The system displays the screen shown in Figure 5-21.

```
W3GCHGFK/DSP04        Webtop Runtime Data Maintenance    10/17/2007 11:42:29
                          Decorator Maintenance
_____

System Key          PY / 10 / 4
Library             HR2000
Display             PRDHIM
Format              THREE

Decorator           BL +

Field               STPRG
      or
Row
Column




_____
                    F3=Exit  F4=Prompt  F12=Cancel
```

Figure 5-21: Webtop Runtime Data Maintenance Decorator Maintenance screen

2 Specify **BL** in the *Decorator* field and press Enter. The system adds the bold decorator to the field.

Adding a button action decorator

Use the button action decorator to add a button to a particular screen format. This button provides the ability to pass both text and the action value to the application program.

Complete the steps below to add a button action decorator.

1 On the Webtop Runtime Data Maintenance Format Display selection screen, shown in Figure 5-9, select a format with **4**. The system displays the Webtop Runtime Data Maintenance Decorators screen shown in Figure 5-13.

2 Press F6. The system displays the screen shown in Figure 5-22.

```
W3GCHGFK/DSP04          Webtop Runtime Data Maintenance      10/18/2007 11:51:49
                            Decorator Maintenance
_____

System Key          PY / 10 / 4
Library             HR2000
Display             PRDHIM
Format              FOUR

Decorator           BT +

Field               _____
     or
Row                 11_
Column              24_




_____
                  F3=Exit  F4=Prompt  F12=Cancel
```

Figure 5-22: Webtop Runtime Data Maintenance Decorator Maintenance screen

3 Specify **BT** in the *Decorator* field and press Enter. The system displays the screen shown in Figure 5-23.

```
W3GCHGFK/DSP09          Webtop Runtime Data Maintenance      10/18/2007 11:52:09

_____

System Key          PY / 10 / 4
Library             HR2000
Display             PRDHIM
Format              FOUR

Decorator           BT Button Action

Row                 11_
Column              024
Action              __
Action Description  _____
Attachment Rule     _____ +




_____
           F3=Exit  F12=Cancel  F14=Add Message ID  F22=Delete
```

Figure 5-23: Webtop Runtime Data Maintenance button action decorator screen

4 Use the information below to complete the fields on this screen.

Row

Specify the row on the screen in which to place the button.

Column

Specify the column on the screen in which to place the button.

Action

Type the screen action to send back to the application program. For example, **12** for Cancel.

Action Description

Type a string value in the field to display text in the button.

Attachment Rule

Specify the name of the attachment rule. The rule name is in uppercase and can contain spaces.

5 To add a message ID for the Attachment Description, press F14. The system displays the screen shown in Figure 5-24.

```
W3GCHGFK/DSP03          Webtop Runtime Data Maintenance      11/08/2007 09:29:00
                              Message text Selection

_____

System Key            PE / 10 / 4
Library               HR2000
Display               PRDHIM
Format                THREE

Decorator             LS List Box

Message ID            _____  +
Message File          _____
Message File Library  _____
Message Length        000

_____
              F3=Exit  F4=Prompt  F12=Cancel  F22=Delete
```

Figure 5-24: Webtop Runtime Data Maintenance Message text Selection screen

6 Use the information below to complete the fields on this screen.

Message ID

Specify the ID for an existing message ID.

Message File

Type the file name for an existing message file.

Message File Library

Type the file library for an existing message file library.

Message Length

Specify the maximum length for the message text.

7 Press Enter. The system saves the message ID information.

8 Press Enter. The system saves the button action.

Adding color to text

Complete the steps below to add color to text.

1 On the Webtop Runtime Data Maintenance Format Display selection screen, shown in Figure 5-9, select a field with **7**. The system displays the screen shown in Figure 5-25.

```
W3GCHGFK/DSP04        Webtop Runtime Data Maintenance    10/17/2007 11:49:52
                           Decorator Maintenance
_____

System Key          PY / 10 / 4
Library             HR2000
Display             PRDHIM
Format              THREE

Decorator           C_  +

Field               STPRG
      or
Row
Column




_____
                     F3=Exit  F4=Prompt  F12=Cancel
```
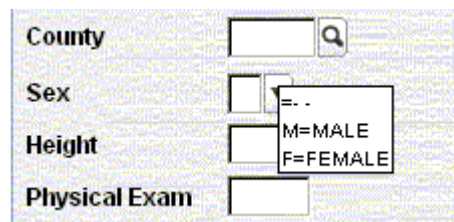
Figure 5-25: Webtop Runtime Data Maintenance Decorator Maintenance screen

2 Specify **C** in the *Decorator* field and press Enter. The system displays the screen shown in Figure 5-26.

```
W3GCHGFK/DSP05        Webtop Runtime Data Maintenance    10/17/2007 11:48:53
                           Decorator Maintenance
_____

System Key          PY / 10 / 4
Library             HR2000
Display             PRDHIM
Format              THREE

Decorator           C  Color




Color               PINK_____
Reverse Image       Y
Background Color     _____
HTML class           _____
Required            N


_____
                     F3=Exit  F12=Cancel  F22=Delete
```

Figure 5-26: Webtop Runtime Data Maintenance Decorator Maintenance color screen

3 Use the information below to complete the fields on this screen.

Color

Type a color for the field. You can type any HTML extended color name or its corresponding hexadecimal value.

Reverse Image

Type **Y** to reverse the field image. Otherwise, specify **N** not to reverse the field image.

Background Color

Type a background color for this field. You can type any HTML extended color name or its corresponding hexadecimal value.

HTML class

Type an HTML class name that exists in the inablerStyleSheet.css file.

Required

Type **Y** if this is a required field. Otherwise, specify **N** to indicate that the field is not required.

4 Press Enter to save the color.

Adding a date decorator

Use the date decorator to indicate that a calendar selector is attached to a field.

The figure below shows a field with a date decorator.
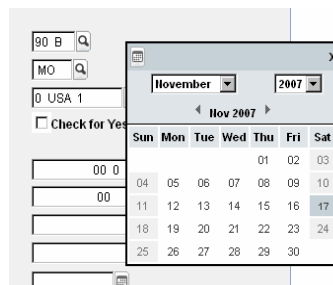
Figure 5-27: Date decorator example

Complete the steps below to add a date decorator.

Note: You can only add a date decorator to a field that is defined as a date field.

1 On the Webtop Runtime Data Maintenance Format Display selection screen, shown in Figure 5-9, select a field with **7**. The system displays the screen shown in Figure 5-28.

```
W3GCHGFK/DSP04        Webtop Runtime Data Maintenance    10/11/2007 12:41:16
                          Decorator Maintenance

System Key          83 / 08 / 3
Library             V830LX0
Display             INV100F2
Format              SCR001

Decorator           DT +

Field               XSPDTE
     or
Row
Column




                    F3=Exit  F4=Prompt  F12=Cancel
```

Figure 5-28: Webtop Runtime Data Maintenance Decorator Maintenance screen

2 Specify **DT** in the *Decorator* field and press Enter. The system displays the screen shown in Figure 5-29.

```
W3GCHGFK/DSP08          Webtop Runtime Data Maintenance    10/11/2007 12:41:43
                              Decorator Maintenance

System Key              83 / 08 / 3
Library                 V830LX0
Display                 INV100F2
Format                  SCR001

Decorator               DT

Date Format             0   Blank - Last Platform format
                            0-MDY
                            1-DMY
                            2-YMD




                       F3=Exit  F12=Cancel  F22=Delete
```

Figure 5-29: Webtop Runtime Data Maintenance Decorator Maintenance date decorator screen

3 Use the information below to complete the *Date Format* field. Valid values are:

Blank	Last platform format
0	Month, day, year format
1	Day, month, year format
2	Year, month, day format

4 Press Enter. The system saves the date decorator.

Adding an e-mail decorator

Use the e-mail decorator method to make an e-mail launch to the data in the field. When you specify that the e-mail decorator is active, the system calls the default e-mail client specified in the browser settings.

The figure below shows examples of an e-mail decorator.

Figure 5-30: E-mail decorator example

Complete the steps below to add an e-mail decorator.

1 On the Webtop Runtime Data Maintenance Format Display selection screen, shown in Figure 5-9, select a field with **7**. The system displays the screen shown in Figure 5-31.

```
W3GCHGFK/DSP04        Webtop Runtime Data Maintenance    10/18/2007 14:26:29
                            Decorator Maintenance


System Key            PY / 10 / 4
Library               HR2000
Display               PRDHIM
Format                SIX

Decorator             EM +

Field                 PRURL1
        or
Row
Column




                _____

                    F3=Exit  F4=Prompt  F12=Cancel
```
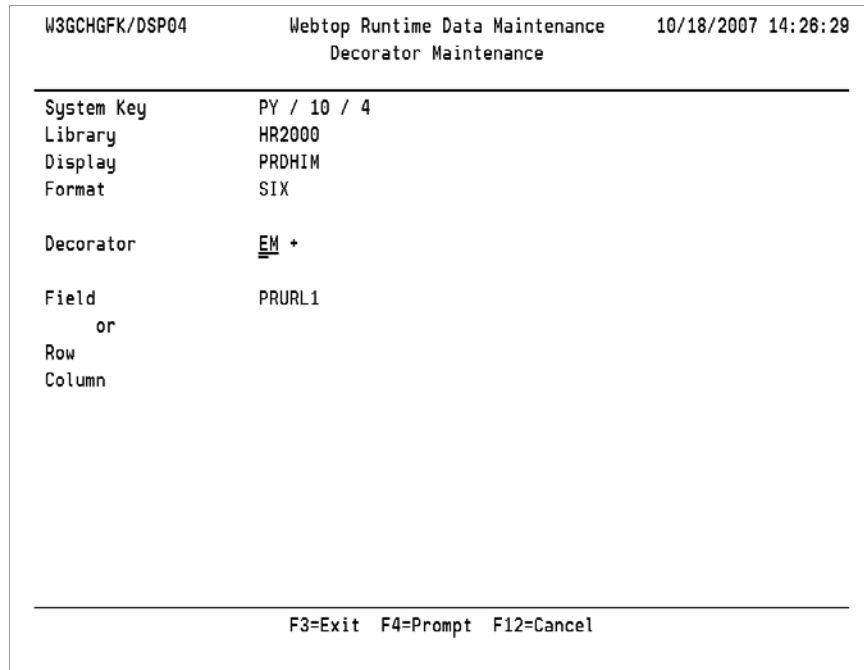
Figure 5-31: Webtop Runtime Data Maintenance Decorator Maintenance screen

2 Specify **EM** in the *Decorator* field and press Enter. The system adds the e-mail decorator to the field.

Adding a hide decorator

Use the hide decorator method to hide a field on the Web.

Complete the steps below to hide a field on the Web.

1 On the Webtop Runtime Data Maintenance Format Display selection screen, shown in Figure 5-9, select a field with **7**. The system displays the screen shown in Figure 5-32.

```
W3GCHGFK/DSP04        Webtop Runtime Data Maintenance    10/11/2007 12:45:42
                          Decorator Maintenance
_____

System Key         83 / 08 / 3
Library            V830LXO
Display            INV100F2
Format             SCR001

Decorator          HD +

Field              MSGFLD0002
      or
Row
Column




_____
                    F3=Exit  F4=Prompt  F12=Cancel
```

Figure 5-32: Webtop Runtime Data Maintenance Decorator Maintenance screen

2 Specify **HD** in the *Decorator* field and press Enter. The system hides the field from the screen.

Adding an http link decorator

Use the HTTP link decorator to provide a launch to a Web page.

The figure below shows an example of an HTTP link decorator.

Figure 5-33: HTTP link decorator example

Complete the steps below to provide an HTTP launch to data in a field.

1 On the Webtop Runtime Data Maintenance Format Display selection screen, shown in Figure 5-9, select a field with **7**. The system displays the screen shown in Figure 5-34.
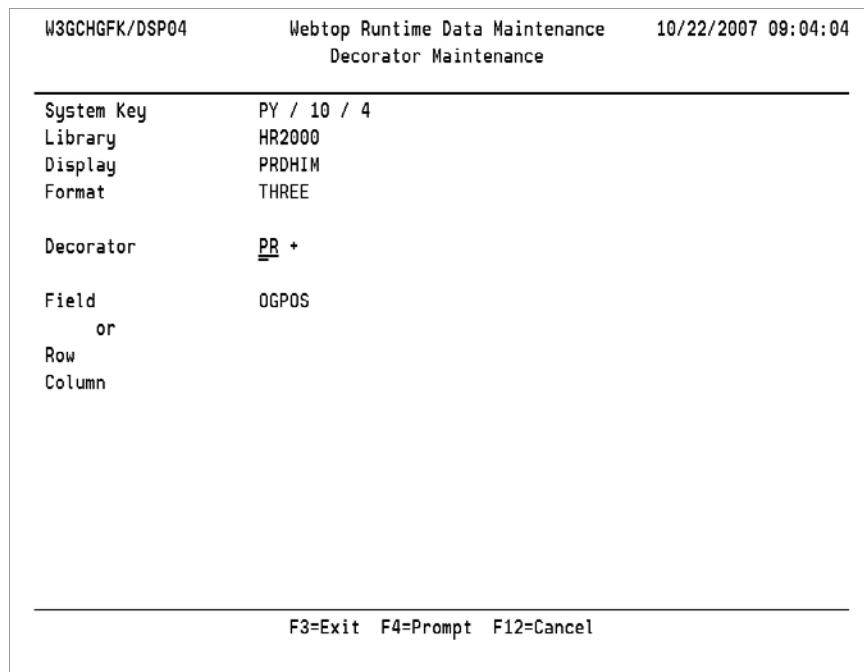
```
W3GCHGFK/DSP04        Webtop Runtime Data Maintenance    10/19/2007 15:05:14
                           Decorator Maintenance

System Key          PY / 10 / 4
Library             HR2000
Display             PRDHIM
Format              TWO

Decorator           HT +

Field               XXUSR3
      or
Row
Column




_____
                    F3=Exit  F4=Prompt  F12=Cancel
```

Figure 5-34: Webtop Runtime Data Maintenance Decorator Maintenance screen

2 Specify **HT** in the *Decorator* field and press Enter. The system adds the HTTP link decorator to the field.

Adding a list box decorator

Use the list box decorator to attach a list box to a field.

The figure below shows an example of a list box decorator.

Figure 5-35: List box decorator example

Complete the steps below to attach a list box to a field.

1 On the Webtop Runtime Data Maintenance Format Display selection screen, shown in Figure 5-9, select a field with **7**. The system displays the screen shown in Figure 5-36.
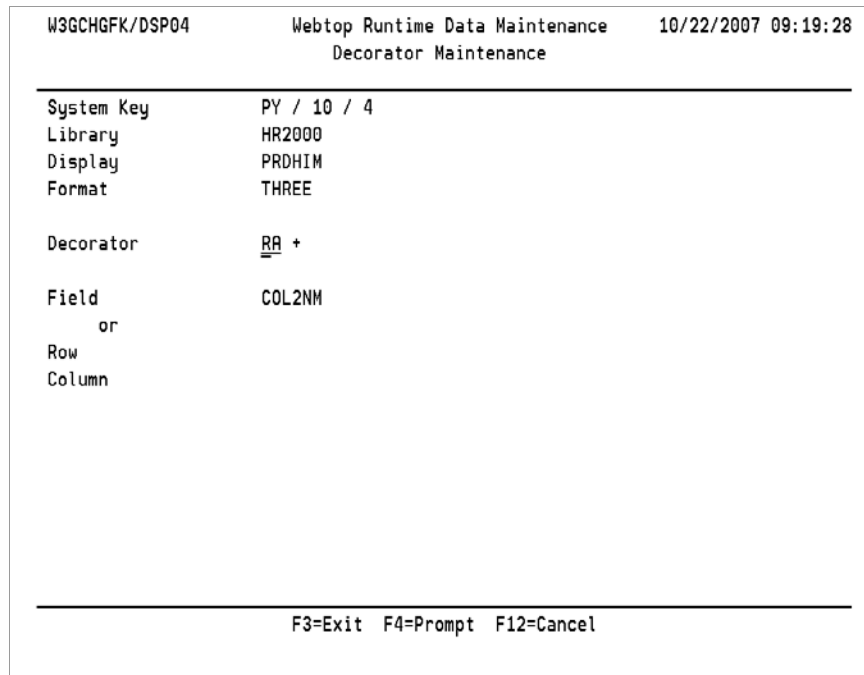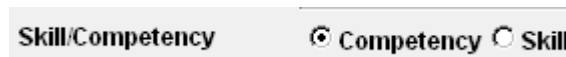
```
W3GCHGFK/DSP04          Webtop Runtime Data Maintenance      11/08/2007 09:27:10
                             Decorator Maintenance


System Key            PE / 10 / 4
Library              HR2000
Display              PRDHIM
Format               THREE

Decorator            LS +

Field                PRBRT
      or
Row
Column




              F3=Exit  F4=Prompt  F12=Cancel
```

Figure 5-36: Webtop Runtime Data Maintenance Decorator Maintenance screen

> **2** Specify **LS** in the *Decorator* field and press Enter. The system displays the
> screen shown in Figure 5-37.

```
W3GCHGFK/SFLC23         Webtop Runtime Data Maintenance          09:23:40
                             Decorator Maintenance


System Key            PY / 10 / 4
Library              HR2000
Display              PRDHIM
Format               THREE
Field Name           PRBRTF

Decorator Type       LS List Box

   List Value              List Text
H                      Hourly
D                      Daily
W                      Weekly
B                      Biweekly
S                      Semimonthly
M                      Monthly

                                                            BOTTOM


         F3=Exit  F12=Cancel  F14=Add Message ID  F22=Delete
```

Figure 5-37: Webtop Runtime Data Maintenance Decorator Maintenance list box
screen

3 Use the information below to complete the fields on this screen.

List Value

Type a value, which is valid for this display file/format that the system returns to the field.

List Text

Type the text associated with the option.

4 To add a message ID to the list box, press F14. The system displays the screen shown in Figure 5-38.

```
W3GCHGFK/DSP03          Webtop Runtime Data Maintenance    11/08/2007 09:29:00
                             Message text Selection

System Key            PE / 10 / 4
Library              HR2000
Display              PRDHIM
Format               THREE

Decorator            LS List Box

Message ID           _____ +
Message File         _____
Message File Library _____
Message Length       000




_____
           F3=Exit  F4=Prompt  F12=Cancel  F22=Delete
```

Figure 5-38: Webtop Runtime Data Maintenance Message text Selection screen

5 Use the information below to complete the fields on this screen.

Message ID

Specify the ID for an existing message ID.

Message File

Type the file name for an existing message file.

Message File Library

Type the file library for an existing message file library.

Message Length

Specify the maximum length for the message text.

6 Press Enter. The system saves the message ID information.

7 Press Enter. The system adds the list box to the field.

Adding an option field

Use the option field decorator to attach an option box to a field.

The figure below shows an example of an option field decorator.
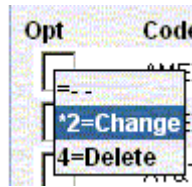
Figure 5-39: Option field decorator example

Complete the steps below to provide a pop-up list of available subfile options data.

1 On the Webtop Runtime Data Maintenance Format Display selection screen, shown in Figure 5-9, select a field with **7**. The system displays the screen shown in Figure 5-40.

```
W3GCHGFK/DSP04        Webtop Runtime Data Maintenance    10/22/2007 08:13:14
                           Decorator Maintenance
_____

System Key          PY / 10 / 4
Library             HR2000
Display             PRDHIM
Format              FOUR

Decorator           OF +

Field               PEFORM
      or
Row
Column




_____
                     F3=Exit  F4=Prompt  F12=Cancel
```

Figure 5-40: Webtop Runtime Data Maintenance Decorator Maintenance screen

2 Specify **OF** in the *Decorator* field and press Enter. The system adds the option field decorator to the field.

Changing the rendering of text

Use this option to change the font on the screen to a fixed or proportional font.

Complete the steps below to change the rendering of text on the screen.

1 On the Webtop Runtime Data Maintenance Format Display selection screen, shown in Figure 5-9, select a format with **4**. The system displays the Webtop Runtime Data Maintenance Decorators screen shown in Figure 5-13.

2 Press F6. The system displays the screen shown in Figure 5-41.

```
W3GCHGFK/DSP04          Webtop Runtime Data Maintenance      10/22/2007 08:30:32
                              Decorator Maintenance

System Key          PY / 10 / 4
Library             HR2000
Display             PRDHIM
Format              FOUR

Decorator           OR +

Field               _____
     or
Row                 ___
Column              ___




_____
                F3=Exit  F4=Prompt  F12=Cancel
```
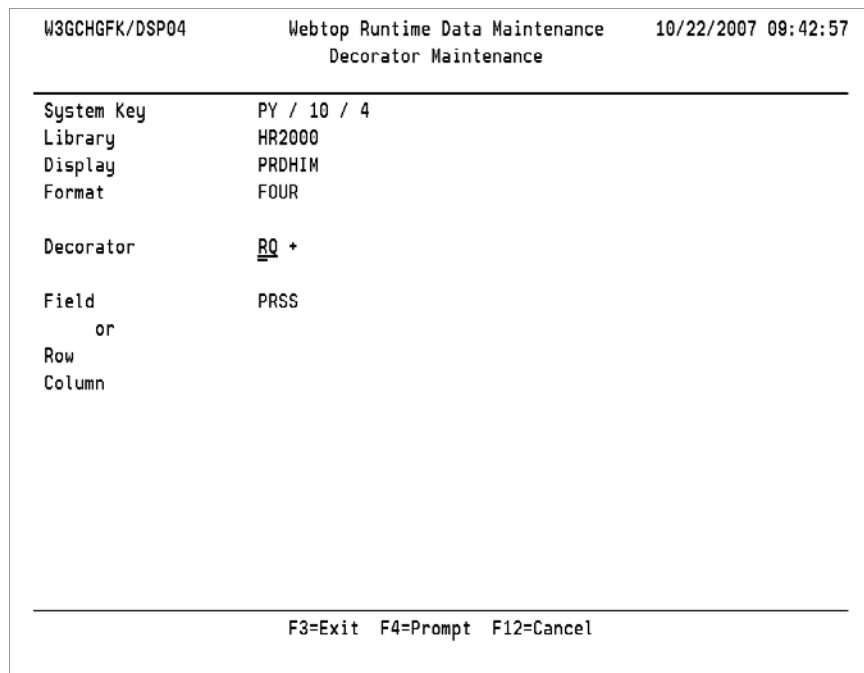
Figure 5-41: Webtop Runtime Data Maintenance Decorator Maintenance screen

3 Specify **OR** in the *Decorator* field and press Enter. The system displays the screen shown in Figure 5-42.

```
W3GCHGFK/DSP24          Webtop Runtime Data Maintenance      10/22/2007 08:25:10
                              Decorator Maintenance

System Key          PY / 10 / 4
Library             HR2000
Display             PRDHIM
Format              FOUR

Decorator           OR Rendering Option

Render Name         _____




_____
                F3=Exit  F12=Cancel  F22=Delete
```

Figure 5-42: Webtop Runtime Data Maintenance Decorator Maintenance screen

4 Type a value that represents the type of rendering in the *Render Name* field.

Valid values are:

BLANKS　　　　For proportional rendering

ABSOLUTE　　　For absolute rendering

5 Press Enter. The system changes the rendering of the text for this screen.

Adding a prompt field

Use this option to display a prompt icon next to a field. The program code for the field must support prompting.

Figure 5-43: Prompt field decorator example

Complete the steps below to display a prompt icon next to a field.

1 On the Webtop Runtime Data Maintenance Format Display selection screen, shown in Figure 5-9, select a field with **7**. The system displays the screen shown in Figure 5-44.

```
W3GCHGFK/DSP04        Webtop Runtime Data Maintenance      10/22/2007 09:04:04
                            Decorator Maintenance

System Key        PY / 10 / 4
Library           HR2000
Display           PRDHIM
Format            THREE

Decorator         PR +

Field             OGPOS
       or
Row
Column




                   F3=Exit  F4=Prompt  F12=Cancel
```

Figure 5-44: Webtop Runtime Data Maintenance Decorator Maintenance screen

2 Specify **PR** in the *Decorator* field and press Enter. The system displays the screen shown in Figure 5-45.

```
W3GCHGFK/DSP15          Webtop Runtime Data Maintenance     11/12/2007 11:55:03


System Key          PE / 10 / 3
Library             HR2000
Display             PRDHIM
Format              FIVE

Decorator           PR Prompt

Prompt Field        _____




                    F12=Cancel  F22=Delete  F3=Exit
```
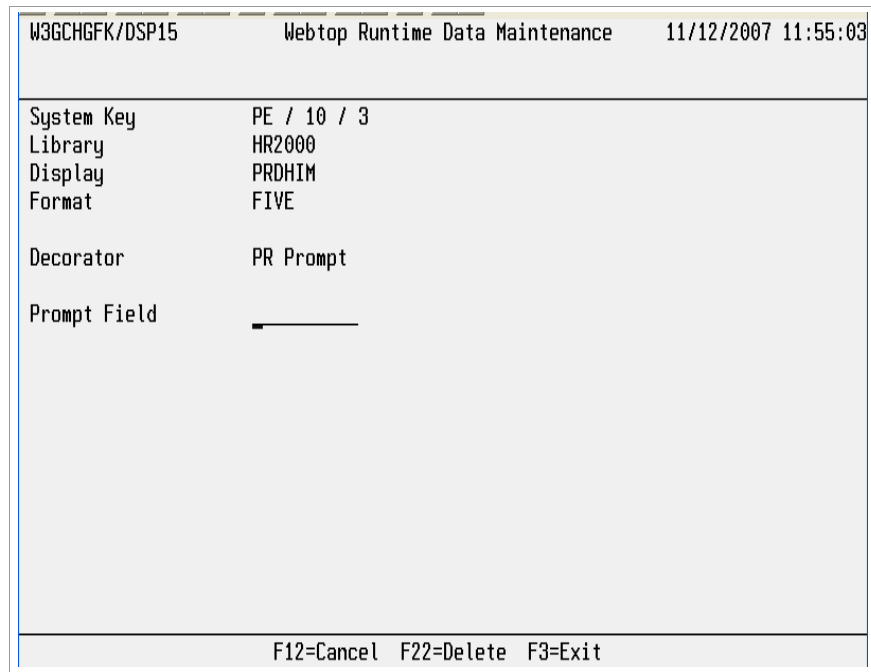
Figure 5-45: Webtop Runtime Data Maintenance screen

3 Type the name of the prompt field. The prompt must be within the program code for this display/format.

4 Press Enter. The system adds the prompt decorator to the field.

Right adjusting text

Use the right adjust decorator to right adjust text for an input field.

Complete the steps below to right adjust field text.

1 On the Webtop Runtime Data Maintenance Format Display selection screen, shown in Figure 5-9, select a field with **7**. The system displays the screen shown in Figure 5-46.

```
W3GCHGFK/DSP04        Webtop Runtime Data Maintenance     10/22/2007 09:19:28
                            Decorator Maintenance

System Key            PY / 10 / 4
Library              HR2000
Display              PRDHIM
Format               THREE

Decorator            RA +

Field                COL2NM
      or
Row
Column




                  F3=Exit  F4=Prompt  F12=Cancel
```

Figure 5-46: Webtop Runtime Data Maintenance Decorator Maintenance screen

2 Specify **RA** in the *Decorator* field and press Enter. The system right adjusts the field text on the screen.

Adding a radio button decorator

Use the radio button decorator to add a radio button to a field.

The figure below shows an example of a radio button decorator.

Figure 5-47: Radio button decorator example

Complete the steps below to add a radio button to a field.

1 On the Webtop Runtime Data Maintenance Format Display selection screen, shown in Figure 5-9, select a field with **7**. The system displays the screen shown in Figure 5-48.

Figure 5-48: Webtop Runtime Data Maintenance Decorator Maintenance screen

2 Specify **RB** in the *Decorator* field and press Enter. The system displays the screen shown in Figure 5-49.

Figure 5-49: Webtop Runtime Data Maintenance Decorator Maintenance screen

3 Use the information below to complete the fields on this screen.

Radio Button Value

Type a value, which is valid for this display file/format that the system returns to the field.

Radio Button Text

Type the text associated with the option.

Line

Type the line number for the radio button. Leave blank to have the radio buttons grouped vertically. Otherwise, type the same line number to group radio buttons horizontally.

4 Press Enter. The system adds the radio button to the field.

Adding a roll key decorator

Use the roll key decorator to place the roll key on a false subfile display.

The figure below shows an example of a roll key decorator.

Figure 5-50: Roll key decorator example

Complete the steps below to place a roll key decorator on a false subfile display.

1 On the Webtop Runtime Data Maintenance Format Display selection screen, shown in Figure 5-9, select a format with **4**. The system displays the Webtop Runtime Data Maintenance Decorators screen shown in Figure 5-13.

2 Press F6. The system displays the screen shown in Figure 5-51.

```
W3GCHGFK/DSP04        Webtop Runtime Data Maintenance    10/22/2007 09:29:48
                           Decorator Maintenance

System Key          PY / 10 / 4
Library             HR2000
Display             PRDHIM
Format              ALIGN

Decorator           RL +

Field               _____
      or
Row                 ==
Column              ___




                  F3=Exit  F4=Prompt  F12=Cancel
```

Figure 5-51: Webtop Runtime Data Maintenance Decorator Maintenance screen

3 Specify **RL** in the *Decorator* field and press Enter. The system displays the
Webtop Runtime Data Maintenance roll key decorator screen shown in
Figure 5-52.

```
W3GCHGFK/DSP05        Webtop Runtime Data Maintenance    10/22/2007 09:30:19
                           Decorator Maintenance

System Key          PY / 10 / 4
Library             HR2000
Display             PRDHIM
Format              ALIGN

Decorator           RL Roll Key

Row                 23




                  F3=Exit  F12=Cancel  F22=Delete
```

Figure 5-52: Webtop Runtime Data Maintenance Decorator Maintenance screen

4 Type a value in the *Row* field to specify the location on the screen where to place the roll key.

5 Press Enter. The system adds the roll key to the screen.

Adding a required field decorator

Use the required field decorator to indicate on the screen that the field is a required field.

The figure below shows an example of a required field decorator.

Figure 5-53: Required field decorator example

Complete the steps below to add a required field decorator to a field.

1 On the Webtop Runtime Data Maintenance Format Display selection screen, shown in Figure 5-9, select a field with **7**. The system displays the screen shown in Figure 5-54.

```
W3GCHGFK/DSP04          Webtop Runtime Data Maintenance     10/22/2007 09:42:57
                             Decorator Maintenance


System Key              PY / 10 / 4
Library                 HR2000
Display                 PRDHIM
Format                  FOUR

Decorator               RQ +

Field                   PRSS
      or
Row
Column






                     F3=Exit  F4=Prompt  F12=Cancel
```

Figure 5-54: Webtop Runtime Data Maintenance Decorator Maintenance screen

2 Specify **RQ** in the *Decorator* field and press Enter. The system adds the required field decorator to the field.

Adding a text box decorator

Use the text box decorator to add a text box to a field.

Complete the steps below to add a text box to a field.

1 On the Webtop Runtime Data Maintenance Format Display selection screen, shown in Figure 5-9, select a field with **7**. The system displays the screen shown in Figure 5-55.

```
W3GCHGFK/DSP04          Webtop Runtime Data Maintenance      10/19/2007 09:30:21
                             Decorator Maintenance


System Key            PY / 10 / 4
Library              HR2000
Display              PRDHIM
Format               THREE


Decorator            TB +


Field                PRRHR
        or
Row
Column








                    F3=Exit  F4=Prompt  F12=Cancel
```

Figure 5-55: Webtop Runtime Data Maintenance Decorator Maintenance screen

2 Specify **TB** in the *Decorator* field and press Enter. The system adds a text box decorator to the field.

Updating the title field

Use the title field decorator to indicate a field to use as the title of the window.

Complete the steps below to update the title field.

1 On the Webtop Runtime Data Maintenance Format Display selection screen, shown in Figure 5-9, select a field with **7**. The system displays the screen shown in Figure 5-56.

```
W3GCHGFK/DSP04        Webtop Runtime Data Maintenance    10/22/2007 09:51:59
                         Decorator Maintenance
_____

System Key         PY / 10 / 4
Library            HR2000
Display            PRDHIM
Format             TWO

Decorator          TF +

Field              _____
       or
Row                ___
Column             ___




          _____
                    F3=Exit  F4=Prompt  F12=Cancel
```

Figure 5-56: Webtop Runtime Data Maintenance Decorator Maintenance screen

2 Specify **TF** in the *Decorator* field and press Enter. The system adds a field text as the title of the screen.

Adding a yes/no check box decorator

Use the yes/no check box decorator to add a yes/no check box to a field.

The figure below shows an example of a yes/no check box decorator.

Figure 5-57: Yes/No check box decorator example

Complete the steps below to add a check box to a field.

1 On the Webtop Runtime Data Maintenance Format Display selection screen, shown in Figure 5-9, select a field with **7**. The system displays the screen shown in Figure 5-58.

```
W3GCHGFK/DSP04        Webtop Runtime Data Maintenance    10/11/2007 12:30:10
                         Decorator Maintenance
_____

System Key          83 / 08 / 3
Library             V830LX0
Display             INV100F2
Format              SCR002

Decorator           YN +

Field               XP1ACT
      or
Row
Column




_____
               F3=Exit  F4=Prompt  F12=Cancel
```

Figure 5-58: Webtop Runtime Data Maintenance Decorator Maintenance screen

2 Specify **YN** in the *Decorator* field and press Enter. The system displays the screen shown in Figure 5-59.

```
W3GCHGFK/DSP14        Webtop Runtime Data Maintenance    10/11/2007 12:31:50


_____
System Key          83 / 08 / 3
Library             V830LX0
Display             INV100F2
Format              SCR002

Decorator           YN Yes/No Checkbox

True Value          1
False Value         0
Text                (1=Yes, 0=No)_____



_____
          F3=Exit  F12=Cancel  F14=Add Message ID  F22=Delete
```

Figure 5-59: Webtop Runtime Data Maintenance yes/no check box decorator screen

3 Use the information below to complete the fields on this screen.

True Value

Type a value, which is valid for this display file/format, to return when the user checks the check box.

False Value

Type a value, which is valid for this display file/format, to return when the user does not check the check box.

Text

Type the text to place after the check box. If the field is blank, the system displays Check for Yes next to the check box.

4 To add a message ID to the yes/no check box, press F14. The system displays the screen shown in Figure 5-60.
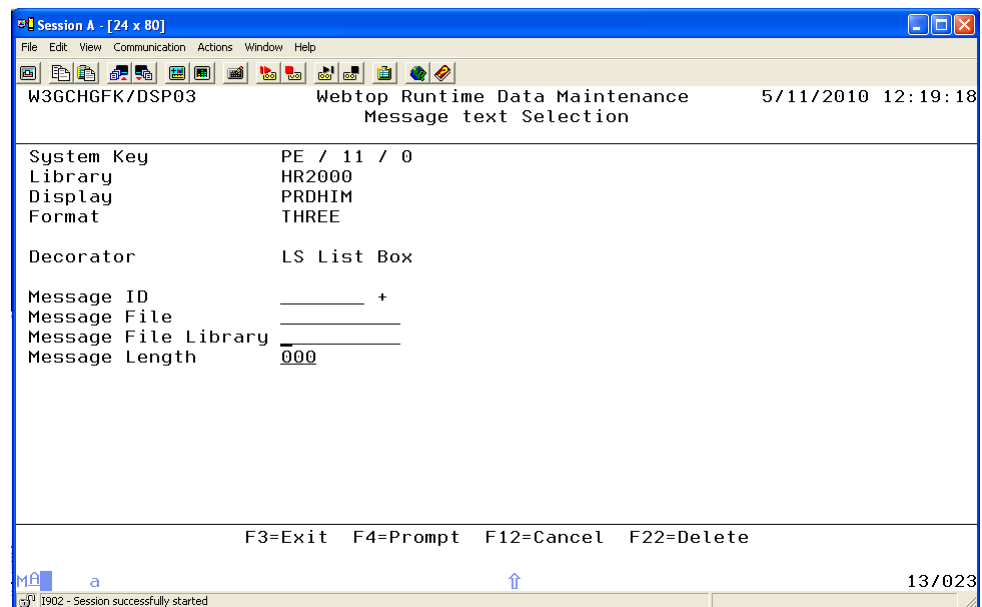
Figure 5-60: Webtop Runtime Data Maintenance Message text Selection screen

5 Use the information below to complete the fields on this screen.

Message ID

Specify the ID for an existing message ID.

Message File

Type the file name for an existing message file.

Message File Library

Type the file library for an existing message file library.

Message Length

Specify the maximum length for the message text.

6 Press Enter. The system saves the message ID information.

7 Press Enter. The system adds the yes/no check box decorator to the field.

Deleting decorators

1 Type **4** in the *Opt* field on the Webtop Runtime Data Maintenance Format Display screen shown in Figure 5-2. The system displays all decorators in the W3PDEC file for the selected format shown in Figure 5-61.

```
W3GCHGFK/SFLC03        Webtop Runtime Data Maintenance      10/22/2007 10:19:05
                              Decorators


 System Key            PY / 10 / 4
 Library               HR2000
 Display               PRDHIM
 Format                FOUR
 User                  AM2000


 Enter option and press enter
 2=Change  4=Delete  5=Display  8=History                       79 positions


 Opt Field Name      Row / Column              Decorator Type    M User        D
   _  PEEX28              /                     DT-Date
   _  PEVER8              /                     DT-Date
   4  PEVTYP              /                     LS-List Box




                                                                        BOTTOM
 _____
                  F3=Exit  F6=Create  F12=Cancel
```

Figure 5-61: Webtop Runtime Data Maintenance Decorators screen

2 To delete a decorator, type **4** in the *Opt* field and press Enter. the system deletes the decorator from the screen.

Restoring manual decorator defaults

You can restore the default manual decorators for a page. You can reset:

- The metadata to the WebTop Studio metadata

- Manual decorators to those that Infor ships

- Manual decorators that your company sets

To restore manual decorators, complete the steps below.

1 Create a file where you can store archived manual decorators.

2 If a user requests the previous version of the decorator, reapply all of the decorators.

3 Delete the decorator files from the archive directory.

4 Change the Copy Web program to add the records to the new file. On a command line type:

   CHGLIBL(QTEMP AM200043 QGPL)

5 Press Enter. Type:

   CPY_WEB

6 Press F4

7 Specify the data ID tag in the new parameter on the CPY_WEB program.

Displaying User Interface XML definitions

Use the XML Display screen to view the XML generated by WebTop Server.

Use option 5 to display the XML that is in the W3PUI file for Type **U** shown in Figure 5-62.

```
 _   W3GCHGFK            Webtop Runtime Data Maintenance      4/25/05  13:00:12
                                  XML Display

Sys CA  Rls 12  Mod 2  Library CA2000      Display PRDCCOM      Format DSP01


   XML DATA

 <f n="DSP01" rt="N">

        <e u="F" rw="01" c="025" uu="H" n="STDHDR" ft="A" s="032" io="O" l="032" h
 ="t"/>
        <e u="C" rw="04" c="002" v="Company"/>

        <e u="C" rw="04" c="037" v=""/>

        <e u="F" rw="04" c="040" rab="t" n="D1CO" ft="A" s="005" io="B" l="005" p=
 "t"/>
        <e u="C" rw="04" c="046" v="+">

                                                              MORE...


                        Cmd 3-End   Cmd 12-Cancel
```

Figure 5-62: Webtop Runtime Data Maintenance XML Display screen

This is the output of the specified function. This output is well-formed XML, which is not validated against a document type definition (DTD). Therefore, you do not receive error messages if the XML values are incorrect.

You must review the output to ensure consistency with the changes you make to the fields. If you have errors in the XML, contact Infor Customer Support.

Displaying User Interface field definitions

Use the XML Display screen to view the data definitions generated by WebTop Server.

Use option 6 to display the UI field definitions for the selected format in the W3PUI file for Type **D** shown in Figure 5-63.

```
_W3GCHGFK/SFLC05        Webtop Runtime Data Maintenance    10/16/2007  13:26:30
                              XML Display
 _____

 System Key              PY / 10 / 4          Library            HR2000
                                              Display            PRDHIM
                                              Format             THREE
 Decorator Type          LS List Box
 Last Changed User       AM2000        Role Key
 Last changed date                     Installation Label

 XML Data_____
 <ils>
 <l v="H" t="Hourly"/>
 <l v="D" t="Daily"/>
 <l v="W" t="Weekly"/>
 <l v="B" t="Bi-Weekly"/>
 <l v="S" t="Semi-Monthly"/>
 <l v="M" t="Monthly"/>
 <l v="A" t="Annual"/>
                                                              MORE...
 _____
                          F3=Exit  F12=Cancel
```

Figure 5-63: Webtop Runtime Data Maintenance XML Display screen

Chapter 6 Customizing and Configuring Application Screens

6

The chapter consists of the following topics:

Overview

You have the ability to customize and configure the graphical interface of an application that you run with WebTop Server. You can work with the following:

- Change the text font on screens from proportional to fixed-width

- Use designer mode to create or update fields with various attributes, for example radio buttons

- Modify attachment rules

Requests made from the Web are processed by WebTop Server the same as using the WTRDM command from a green screen.

Accessing change font and designer mode

To display the following Change Font, Designer Mode, and Attachment Rules icons on your application toolbar in Web mode, you must change the properties file:

Icon	Button name
	Change Font
	Designer Mode
	Attachment Rules

Follow the steps below to change the properties file.

1 For WebSphere running on the System i, use Microsoft Windows Explorer to map a network drive to the QIBM folder on your host System i.

2 For all versions of WebSphere, open a text editor, such as Windows Notepad, and then open the web_properties.xml file located in the folder below. Replace *hostname* with the name of your System i. The *hostname* value is case sensitive.

- For IBM WebSphere Application Server V6.1 or Express V6.1 for the System i, the path for your application server is:

  QIBM/UserData/WebSphere/AppServer/V61/Base/profiles/default/ installedApps/*hostname*/IWEBTOP.ear/IWEBTOP.war/ web/httproot/xml

- For IBM WebSphere Application Server V6 or Express V6 for the System i, the path for your application server is:

  /QIBM/UserData/WebSphere/AppServer/V6/Base/profiles/default/ installedApps/*hostname*/IWEBTOP.ear/IWEBTOP.war/ web/httproot/xml

- For IBM WebSphere Application Server V6.1 for Windows, the path for your application server is:

  drive:\websphere_install_dir\AppServer\profiles\default\ installedApps*hostname*\IWEBTOP.ear\IWEBTOP.war \web\httproot\xml

- For IBM WebSphere Application Server V6 for Windows, the path for your application server is:

   *drive:\websphere_install_dir***\AppServer\profiles\default\ installedApps***hostname***\IWEBTOP.ear\IWEBTOP.war \web\httproot\xml**

After you type the appropriate command, the system displays the properties file.

3 Update the enabled attribute of the InfPanelRendererSwitch xml tag to **Y**.

4 To restrict access to the customization icons, change *****ALL** in the enabledFor attribute of the InfPanelRendererSwitch xml tag to the user IDs of those for whom you want access. User profiles must be comma delimited.

The example below enables the designer mode only for user profiles ABC and DEF.

```
<InfPanelRendererSwitch enabled="Y" enabledFor="ABC,DEF"/>
```

5 Save and close the file.

After you change **N** to **Y**, the system displays the customization icons on the toolbar of the application similar to Figure 6-1.
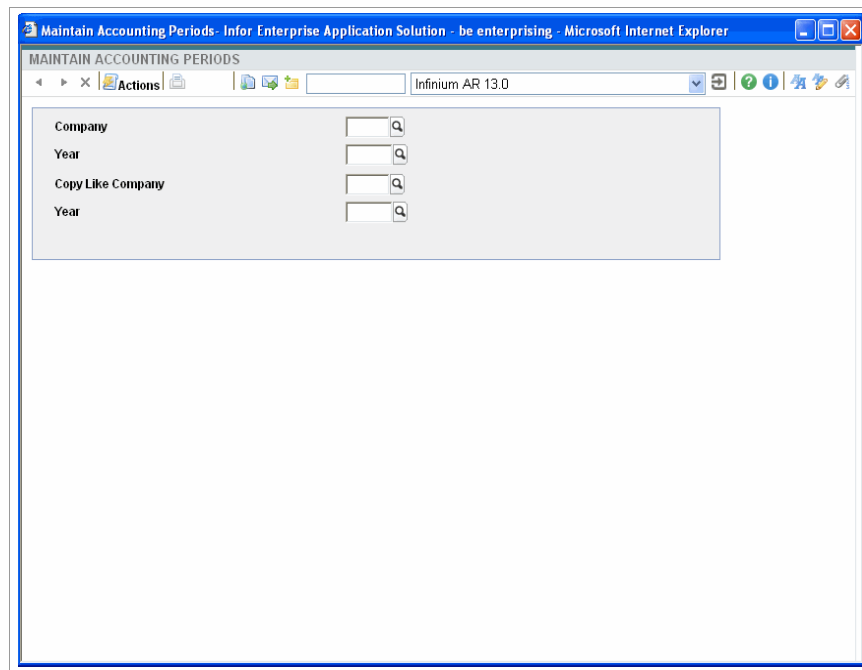
Figure 6-1: Application screen showing customization icons

Changing fonts

To change from a proportional to a fixed-width font, click the Change Font (fixed/proportional) icon on the application toolbar.

To display the original font presentation, click the Change Font (fixed/proportional) icon on the application toolbar.

Using designer mode to create and update attributes for fields and screens

Caution: When you install an update to your Infor application that runs over WebTop Server and you previously applied manual decorators to the application, the update may override those manual decorators. Refer to the documentation associated with the update release for more information.

On an application screen, you can work in the designer mode of WebTop Server to add or modify the following field attributes.

- Change field attributes
  - Bold and non-bold
  - Color
  - Text alignment
  - Required
- Move a screen title to the title bar

  Use this action to move a screen title that is positioned on a screen to the title bar for the screen.

- Update a constant

  Use this action to change the text for a message ID or field label on a screen. Cancel this action to return the field to its original text on the screen.

- Add a constant

  Use this action to add a constant

- Add a message ID

  Use this action to add a message ID to display text in the language of the individual user's language settings. In addition, WebTop Server supports double-byte enabled languages.

- Adding attachments

  This action provides the ability to add an attachment rule for a field.

- Create a button

Create a button to provide function key capability in button form on a screen.

- Create a calendar

  Use this action to place a calendar next to a date field from which you can select a date.

- Add an e-mail link

  Use this action to associate an e-mail link with a field. Click this link to launch the default browser's e-mail client where you can enter the address to which to send the e-mail.

- Hide a field and cancel hiding it

  Use this action to remove a field or all fields from visibility on a screen. Cancel this action to return the field's visibility to the screen.

- Add an HTTP or URL link for a field

  This action provides an icon next to a field that you can click to launch to the specified link.

- Create a radio button

  This action provides a radio button next to a field that allows the user to specify an action by selecting or clearing the radio button.

- Create a list box

  Use this action to add a list box that provides entry selections for a field.

- Create a text box

  This action provides a text box for a field.

- Create a yes/no check box

  Use this action to place a check box next to a field.

The system displays an icon to the left of each field that you can use to identify the attribute that you assigned to that field. To determine the attribute, you must click the icon shown in Figure 6-2.
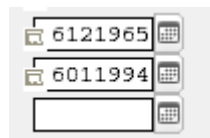
Figure 6-2: Example of designer icon indicator

Using designer mode to change the formatting for fields

Applying a bold font to a field

Follow the steps below to apply a bold font to a field.

1 On an application screen, click the Designer Mode icon 🪄 on the application toolbar.

2 Select the field to change.

3 Right-click. The system displays a list of actions.

4 Select Bold. The system adds the bold decorator to the field.

Removing a bold font from a field

Follow the steps below to remove a bold font from a field.

1 On an application screen, click the Designer Mode icon 🪄 on the application toolbar.

2 Select the field to change.

3 Right-click. The system displays a list of actions.

4 Select Un-Bold. The system removes the Bold decorator from the field.

Applying an attribute to a field

Follow the steps below to apply an attribute to a field.

1 On an application screen, click the Designer Mode icon 🪄 on the application toolbar.

2 Select the field to change.

3 Right-click. The system displays a list of actions.

4 Select Attributes (Color,Required,Reverse). The system displays the screen shown in Figure 6-3.
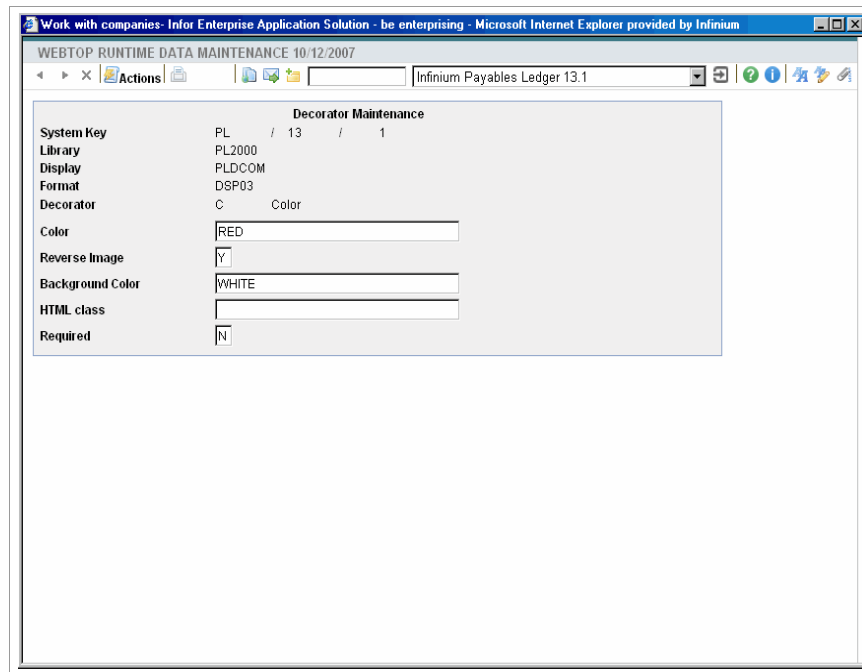
Figure 6-3: Decorator Maintenance screen

5 Use the information below to complete the fields on this screen.

Color

Type a color for the field. You can type any HTML extended color name or its corresponding hexadecimal value.

Reverse Image

Type **Y** to reverse the field image. Otherwise, specify **N** not to reverse the field image.

Background Color

Type a background color for this field. You can type any HTML extended color name or its corresponding hexadecimal value.

HTML class

Type an HTML class name that exists in the inablerStyleSheet.css file.

Required

Type **Y** if this is a required field. Otherwise, specify **N** to indicate that the field is not required.

Removing an attribute from a field

Follow the steps below to remove an attribute from a field.

1 On an application screen, click the Designer Mode icon on the application toolbar.

2 Select the field to change.

3 Select Attributes (Color,Required,Reverse). The system displays the Decorator Maintenance screen.

4 Select Delete from Actions.

5 Press Enter.

6 Click the Designer Mode icon to deactivate designer mode.

7 Click Exit from Actions to exit to the application screen.

Right aligning field text

1 On an application screen, click the Designer Mode icon on the application toolbar.

2 Select an input field to change.

3 Right-click. The system displays a list of actions.

4 Select Right Adjust. The field moves to the right.

Returning text to its original alignment

1 On an application screen, click the Designer Mode icon on the application toolbar.

2 Select the field to change.

3 Right-click. The system displays a list of actions.

4 Select Right Adjust. The field returns to its original position.

Moving text to the title bar

If the Web conversion does not place the screen title in the title bar, you can move the screen title from its position on the screen to the title bar.

Follow the steps below to move the screen title.

1. On an application screen, click the Designer Mode icon 🖋 on the application toolbar.

2. Select the title to move.

3. Right-click. The system displays a list of actions.

4. Select Title Field. The system moves the title to the title bar.

5. Press Enter.

6. Click the Designer Mode icon 🖋 to deactivate designer mode.

7. Click Exit from Actions to exit to the application screen.

Removing the title from the title bar

Follow the steps below to remove the title from the title bar.

1. On an application screen, click the Designer Mode icon 🖋 on the application toolbar.

2. Select the title to remove.

3. Right-click. The system displays a list of actions.

4. Select Title Field.

5. Press Enter. The system returns the title to its original position.

6. Click the Designer Mode icon 🖋 to deactivate designer mode.

7. Click Exit from Actions to exit to the application screen.

Updating a constant

Follow the steps below to update a constant.

1. On an application screen, click the Designer Mode icon 🖋 on the application toolbar.

2. Select the output field to update.

3. Right-click. The system displays a list of actions.

4 Select Update Constant. The system displays the screen shown in Figure 6-4.
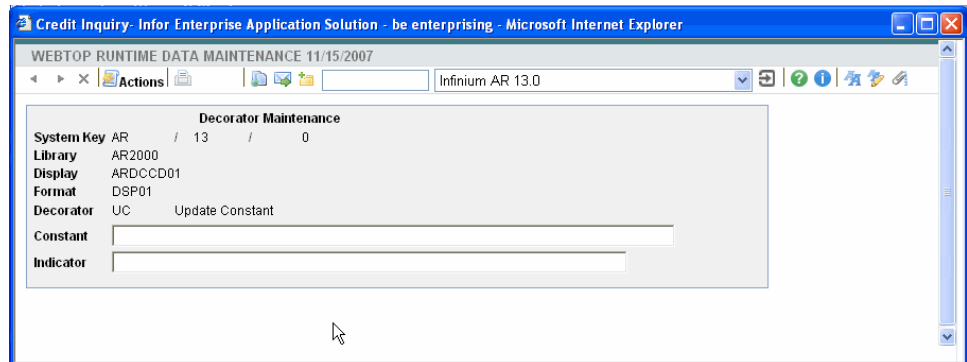
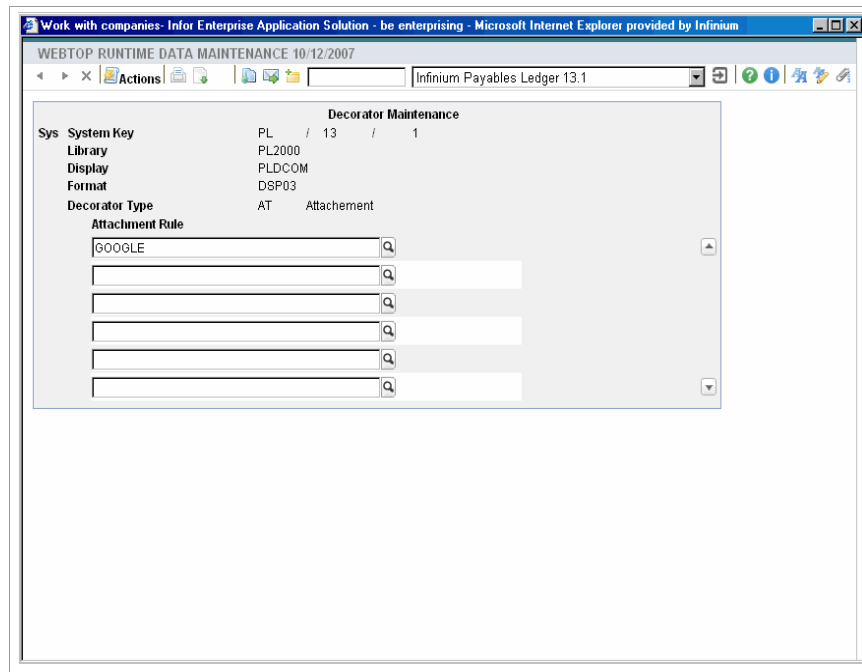Figure 6-4: Decorator Maintenance screen

5 Use the information below to complete the fields on this screen.

Constant

Type the constant text to appear on the screen.

Indicator

Specify a number from **1** to **99** that represents the indicator number within the program code for this display/format. For example, **72** could be a warning indicator that reverse images the constant text when an error is detected when processing the screen data.

6 Press Enter.

7 Click the Designer Mode icon to deactivate designer mode.

8 Click Exit from Actions to exit to the application screen.

Canceling a constant update

Follow the steps below to cancel the constant update.

1 On an application screen, click the Designer Mode icon on the application toolbar.

2 Select a field.

3 Right-click. The system displays a list of actions.

4 Select Update a Constant. The system displays the screen shown in Figure 6-5.
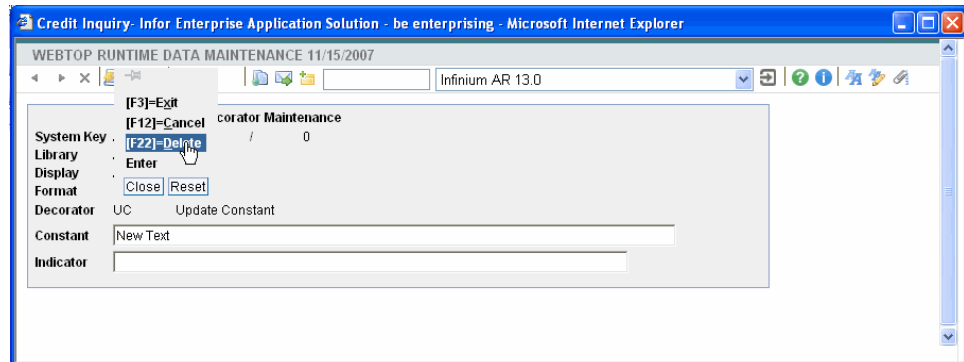
Figure 6-5: Update Constant Decorator Maintenance screen

5 Select F22=Delete from the Action pop-up.

6 Click the Designer Mode icon to deactivate designer mode.

7 Click Exit from Actions to exit to the application screen.

Using designer mode to create and update attributes for fields

Adding a constant

Use the Add Constant decorator to add a constant to a screen.
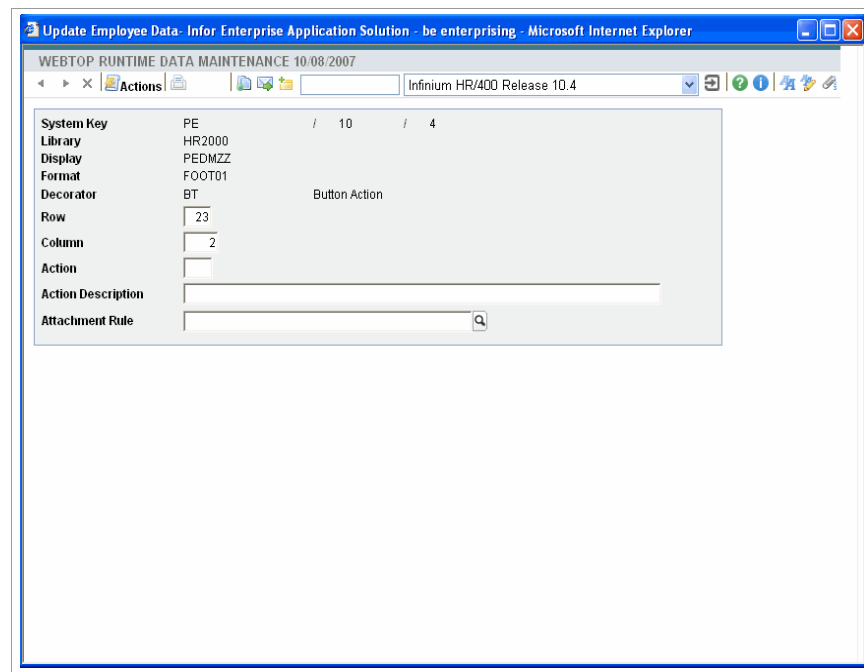
Complete the steps below to add a constant.

1 On an application screen, click the Designer Mode icon on the application toolbar.

2 Select the field to change.

3 Right-click. The system displays a list of actions.

4 Select Add Constant. The system displays the screen shown in Figure 6-6.

Figure 6-6: Add Constant Decorator Maintenance screen

5 Use the information below to complete the fields on this screen.

Row

Type the row on the screen in which to place the constant text.

Column

Type the column on the screen in which to place the constant text.

Constant

Type the constant text to appear on the screen.

Indicator

Type a number from **1** to **99** that represents the indicator number within the program code for this display/format. For example, **72** could be a warning indicator that reverse images the constant text when an error is detected when processing the screen data.

Color

Type a color for the field. You can type any HTML extended color name or its corresponding hexadecimal value.

Reverse Image

Type **Y** to reverse the field image. Otherwise, specify **N** not to reverse the field image.

Background Color

Type a background color for this field. You can type any HTML extended color name or its corresponding hexadecimal value.

HTML class

Type an HTML class name that exists in the inablerStyleSheet.css file.

Required

Type **Y** if this is a required field. Otherwise, specify **N** to indicate that the field is not required.

6 Press Enter to save the constant.

Adding a message ID

Use this action to add a message ID to display text in the language of the individual user's language settings. In addition, WebTop Server supports double-byte enabled languages.

Use the attachment decorator to modify an attachment rule name to a screen.

Complete the steps below to add a message ID to a field.

1 On an application screen, click the Designer Mode icon 🔖 on the application toolbar.

2 Select the field to change.

3 Right-click. The system displays a list of actions.

4 Select Add Message ID. The system displays the screen shown in Figure 6-7.

Figure 6-7: Add Message ID Decorator Maintenance screen

5 Use the information below to complete the fields on this screen.

Row

Type the row in which to place the message ID.

Column

Type the column in which to place the message ID.

Message ID

Type the ID for an existing message ID.

Message File

Type the file name for an existing message file.

Message File Library

Type the file library for an existing message file library.

Message Length

Type the maximum length for the message text.

Indicator

Type a number from **1** to **99** that represents the indicator number within the program code for this display/format. For example, **72** could be a warning indicator that reverse images the constant text when an error is detected when processing the screen data.

Color

Type a color for the field. You can type any HTML extended color name or its corresponding hexadecimal value.

Reverse Image

Type **Y** to reverse the field image. Otherwise, specify **N** not to reverse the field image.

Background Color

Type a background color for this field. You can type any HTML extended color name or its corresponding hexadecimal value.

HTML class

Type an HTML class name that exists in the inablerStyleSheet.css file.

6 Press Enter to save the message ID information.

Adding an attachment

Use the attachment decorator to add an attachment rule to a screen.

Complete the steps below to add an attachment rule to a field.

1 On an application screen, click the Designer Mode icon on the application toolbar.

2 Select the field to change.

3 Right-click. The system displays a list of actions.

**4** Select Attachment. The system displays the screen shown in Figure 6-8.

Figure 6-8: Decorator Maintenance screen

5 Use the information below to complete the fields on this screen.

Attachment Rule

Type the name of the attachment rule.

6 Press Enter to save your entries.

7 Click the Designer Mode icon 🖉 to deactivate designer mode.

8 Click Exit from Actions to exit to the application screen.

Deleting an attachment action

Follow the steps below to delete an attachment action.

1 On an application screen, click the Designer Mode icon 🖉 on the application toolbar.

2 Select the field to change.

3 Right-click. The system displays a list of actions.

4 Select Attachment. The system displays the Decorator Maintenance screen.

5 Select Delete from Actions.

6 Press Enter.

7 Click the Designer Mode icon 🦋 to deactivate designer mode.

8 Click Exit from Actions to exit to the application screen.

Creating a button

Follow the steps below to specify that a field is a button.

1 On an application screen, click the Designer Mode icon 🦋 on the application toolbar.

2 Select the field to change.

3 Right-click. The system displays a list of actions.

4 Select Button Action. The system displays the screen shown in Figure 6-9.

Figure 6-9: Decorator Maintenance screen

5 Use the information below to complete the fields on this screen.

Row

Type the row in which to place the button.

Column

Type the column in which to place the button.

Action

Type the function key action to send back to the application program. Valid values are **01** through **24** for function keys 1 through 24.

Action Description

Type a string value in the field to display text in the button.

Attachment Rule

Type the name of the attachment rule. The rule name is in uppercase and can contain spaces. The system displays the attachment when you select this button.

6 Press Enter to save your entries.

7 Click the Designer Mode icon 🖋 to deactivate designer mode.

8 Click Exit from Actions to exit to the application screen.

Deleting a button action

Follow the steps below to delete a button action.

1 On an application screen, click the Designer Mode icon 🖋 on the application toolbar.

2 Select the field to change.

3 Right-click. The system displays a list of actions.

4 Select Button Action. The system displays the Decorator Maintenance screen.

5 Select Delete from Actions.

6 Press Enter.

7 Click the Designer Mode icon 🖋 to deactivate designer mode.

8 Click Exit from Actions to exit to the application screen.

Creating a calendar next to a field

Follow the steps below to create a calendar next to a field.

1 On an application screen, click the Designer Mode icon 🖋 on the application toolbar.

2 Select the field to change.

3 Right-click. The system displays a list of actions.

4 Select Date. The system displays the screen shown in Figure 6-10.
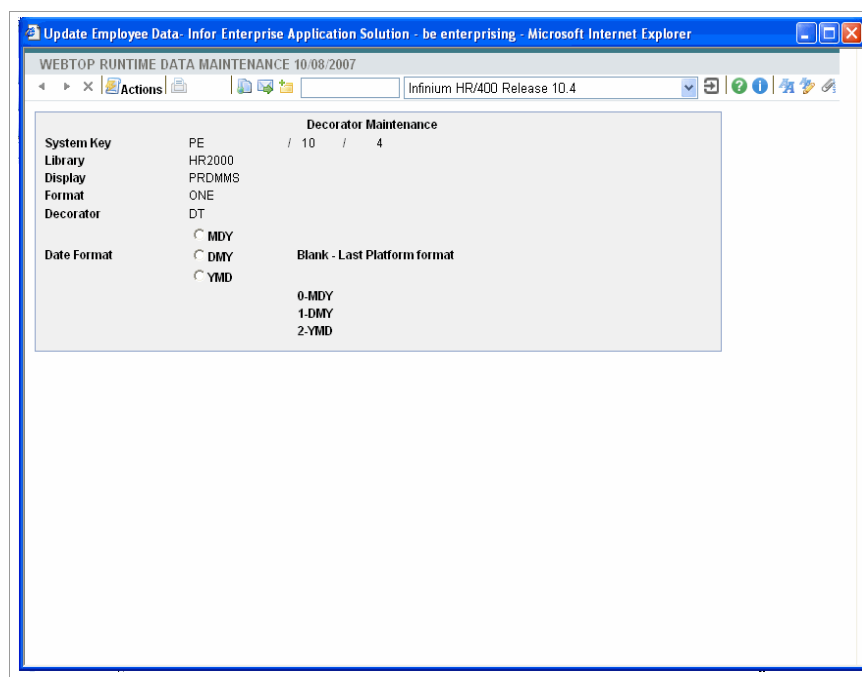
Figure 6-10: Decorator Maintenance screen

5 Specify a date format.

Valid values are:

MDY   Month, day, year format

DMY   Day, month, year format

YMD   Year, month, day format

Do not select a format to use the last platform date format.

6 Press Enter to save your entries.

7 Click the Designer Mode icon 🖋 to deactivate designer mode.

8 Click Exit from Actions to exit to the application screen.

Deleting a calendar from a field

Follow the steps below to delete a calendar.

1 On an application screen, click the Designer Mode icon 🖋 on the application toolbar.

2 Select the field to change.

3 Right-click. The system displays a list of actions.

4 Select Date. The system displays the Decorator Maintenance screen.

5 Select Delete from Actions.

6 Press Enter.

7 Click the Designer Mode icon 🖋 to deactivate designer mode.

8 Click Exit from Actions to exit to the application screen.

Adding an e-mail link

Use this action to associate an e-mail link with a field. Click this link to launch the default browser's e-mail client where you can enter the address to which to send the e-mail.

Use the attachment decorator to add an e-mail link to a field.

Complete the steps below to modify an attachment to a field.

1 On an application screen, click the Designer Mode icon 🖋 on the application toolbar.

2 Select the field to change.

3 Right-click. The system displays a list of actions.

4 Select Email Decorator. The system displays an e-mail decorator at the end of the field shown below.

Figure 6-11: E-mail decorator

Deleting an e-mail decorator

Follow the steps below to delete an e-mail decorator.

1 On an application screen, click the Designer Mode icon 🖊 on the application toolbar.

2 Select the field to change.

3 Right-click. The system displays a list of actions.

4 Select Email Decorator. The system removes the e-mail decorator.

Hiding a field

Follow the steps below to hide a field.

1 On an application screen, click the Designer Mode icon 🖊 on the application toolbar.

2 Select the field or fields to hide.

3 Right-click. The system displays a list of actions.

4 Select Hide. The system hides the field from view. The field is not visible to the user although it remains in the system.

5 Press Enter.

6 Click the Designer Mode icon 🖊 to deactivate designer mode.

7 Click Exit from Actions to exit to the application screen.

Reversing the hiding of a field

Follow the steps below to reverse the hiding of a field.

1 On an application screen, click the Designer Mode icon 🖊 on the application toolbar.

2 Select a field.

3 Right-click. The system displays a list of actions.

4 Select Undo Hide Decorators. The system displays the field.

5 Click the Designer Mode icon 🐾 to deactivate designer mode.

6 Click Exit from Actions to exit to the application screen.

Adding an HTTP link to a field

Follow the steps below to add an HTTP link to a field.

1 On an application screen, click the Designer Mode icon 🐾 on the application toolbar.

2 Select the field to change.

3 Right-click. The system displays a list of actions.

4 Select Http link. The system displays an HTTP decorator at the end of the field shown below.

Figure 6-12: HTTP link decorator

Deleting an HTTP link decorator

Follow the steps below to delete an HTTP link.

1 On an application screen, click the Designer Mode icon 🐾 on the application toolbar.

2 Select the field to change.

3 Right-click. The system displays a list of actions.

4 Select Http Link. The system removes the HTTP link decorator.

Creating a radio button

Follow the steps below to specify that a field is a radio button.

1 On an application screen, click the Designer Mode icon 🐾 on the application toolbar.

2 Select the field to change.

3 Right-click. The system displays a list of actions.

4 Select Radio Button. The system displays the screen shown in Figure 6-13.

Figure 6-13: Decorator Maintenance screen

5 Use the information below to complete the fields on this screen.

Radio Button Value

Type a value, which is valid for this display file/format that the system returns to the field.

Radio Button Text

Type the text associated with the option.

Line

Type the line number for the radio button.

6 Press Enter to save your entries. The screen displays the radio button next to the specified field.

7 Click the Designer Mode icon 🦋 to deactivate designer mode.

8 Click Exit from Actions to exit to the application screen.

Deleting a radio button action

Follow the steps below to delete a radio button action.

1 On an application screen, click the Designer Mode icon 🖋 on the application toolbar.

2 Select the field to change.

3 Right-click. The system displays a list of actions.

4 Select Radio Button. The system displays the Decorator Maintenance screen.

5 Select Delete from Actions.

6 Press Enter.

7 Click the Designer Mode icon 🖋 to deactivate designer mode.

8 Click Exit from Actions to exit to the application screen.

Creating a list box

Follow the steps below to specify that a field is a list box.

1 On an application screen, click the Designer Mode icon 🖋 on the application toolbar.

2 Select the field to change.

3 Right-click. The system displays a list of actions.

4 Select List Box. The system displays the screen shown in Figure 6-14.

Figure 6-14: Decorator Maintenance screen

5 Use the information below to complete the fields on this screen.

List Value

Type a value, which is valid for this display file/format that the system returns to the field.

List Text

Type the text associated with the option.

6 Press Enter to save your entries.

7 Click the Designer Mode icon 🪄 to deactivate designer mode.

8 Click Exit from Actions to exit to the application screen.

Deleting a list box action

Follow the steps below to delete a list box action.

1 On an application screen, click the Designer Mode icon 🪄 on the application toolbar.

2 Select the field to change.

3 Right-click. The system displays a list of actions.

4 Select List Box. The system displays the Decorator Maintenance screen.

5 Select Delete from Actions.

6 Press Enter.

7 Click the Designer Mode icon to deactivate designer mode.

8 Click Exit from Actions to exit to the application screen.

Creating a text box

1 On an application screen, click the Designer Mode icon on the application toolbar.

2 Select the field to change.

3 Right-click. The system displays a list of actions.

4 Select Text Box.

5 Press Enter to save your entries.

6 Click the Designer Mode icon to deactivate designer mode.

7 Click Exit from Actions to exit to the application screen.

Deleting the text box

Follow the steps below to delete a text box.

1 On an application screen, click the Designer Mode icon on the application toolbar.

2 Select the title to remove.

3 Right-click. The system displays a list of actions.

4 Select Text Box.

5 Press Enter. The system removes the text box.

6 Click the Designer Mode icon to deactivate designer mode.

7 Click Exit from Actions to exit to the application screen.

Creating a yes/no check box

1 On an application screen, click the Designer Mode icon 🪄 on the application toolbar.

2 Select the field to change.

3 Right-click. The system displays a list of actions.

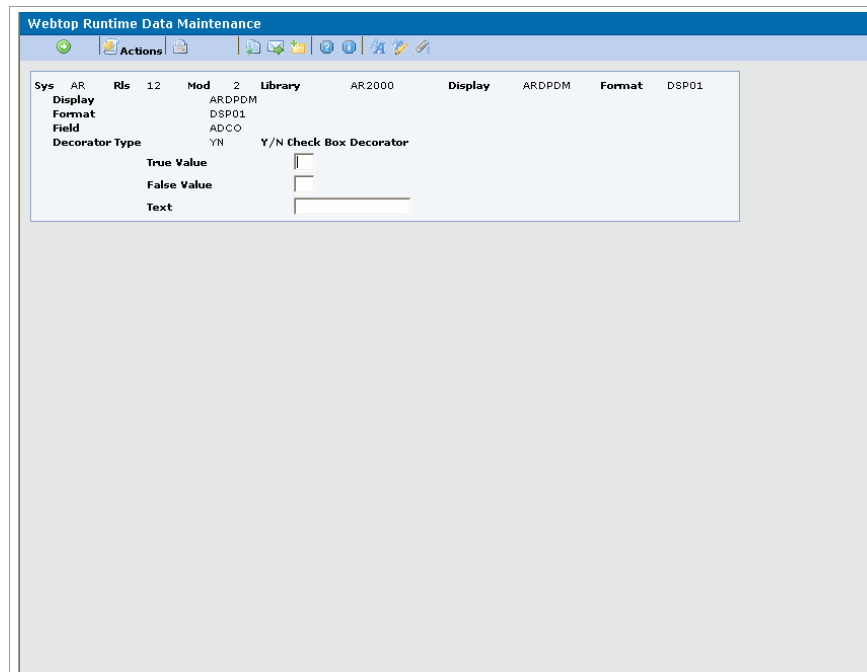**4** Select Yes/No check box. The system displays the screen shown in Figure 6-15.

Figure 6-15: Decorator Maintenance screen

5 Use the information below to complete the fields on this screen.

True Value

Type the value, which is valid for this display file/format, to return to the field when the user checks the check box.

False Value

Type the value, which is valid for this display file/format, to return to the field when the user does not check the check box.

Text

Type the text to place after the check box. If the field is blank, the system displays Check for Yes next to the check box.

6 Press Enter to save your entries.

7 Click the Designer Mode icon 🛠 to deactivate designer mode.

8 Click Exit from Actions to exit to the application screen.

Deleting a yes/no check box action

Follow the steps below to remove a yes/no check box.

1 On an application screen, click the Designer Mode icon 🛠 on the application toolbar.

2 Select the field to change.

3 Right-click. The system displays a list of actions.

4 Select Yes/No Checkbox. The system displays the Decorator Maintenance screen.

5 Select Delete from Actions.

6 Press Enter.

7 Click the Designer Mode icon 🛠 to deactivate designer mode.

8 Click Exit from Actions to exit to the application screen.

Defining attachment rules

Use attachment rules to maintain rules for images and HTTP anchor tags that you can attach to the help attachment frame.

The attachment rule program supports attachment rules for the following URL types:

- Absolute URL

  For example, http://

- Relative URL

  For example, entering 'pictures' for the PREFIX uses the running path and appends '/' + 'pictures' to the running path as follows:

  running path = 'http://mymachine:8010/inabler/web/httproot/pages/main/content' + '/' + 'pictures'

- Application context root

  Using a supported/installed context root directs the request to the installed context root. For example, using /INFINIUM/web/httproot/pictures uses the following URL:

  'http://machine:8010' + '/INFINIUM/web/' + 'pictures'

Modifying an attachment rule

Follow the steps below to modify an attachment rule.

1 On an application screen, click the Attachment Rule icon on the application toolbar. The system displays a screen that lists existing attachment rules.
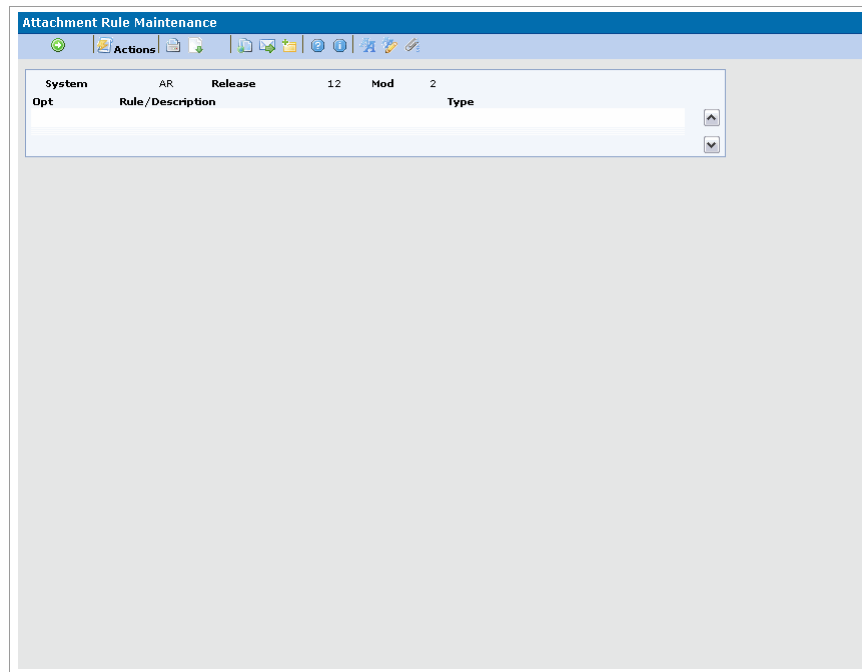
Figure 6-16: Attachment Rule Maintenance selection screen

On this screen you can perform the following actions:

- Change an attachment record by selecting the record to change and then selecting Change from Actions

- Delete an attachment record by selecting the record and then selecting Delete from Actions

2 Select Change from Actions to create a new attachment rule. The system displays a screen similar to Figure 6-17.

Figure 6-17: Attachment Rule Maintenance screen

3 Use the information below to complete the fields on this screen and create up to three fields for the URL.

System Key

This is the system and the release for the product for which you are creating a URL.

Mode

This is the modification level for the product for which you are creating a URL.

Rule Name

Type the name of this rule. We recommend that you use meaningful text such as the display file and record format associated with the URL. For example, for an image rule for the PRDCCOM display file and the DSP01 record format, the name of the rule could be PRDCCOM.DSP01.image. The generic rule for the Google attachment rule could be **GOOGLE**.

Rule Description

Type a brief description for this rule.

Rule Type

Type a value to indicate whether this attachment rule is an image or an HTTP anchor tag. Valid values are:

I   Image

H   HTTP anchor tag

Linked Rule

Type the name of an existing attachment rule to launch when you click the image.

Frame?

Type **1** to show the image in the help frame. If you type **0**, you must specify row and column values in the *Row* and *Column* fields.

Row

Type the number that represents the row position for this attachment.

Column

Type the number that represents the column position for this attachment.

URL Text

Type the text to display on the screen for the URL.

For an image, **I**, this is alternate text. For an HTTP anchor tag, **H**, the text you type here is the text that displays on the screen.

URL to build

Specify data in the *Host*, *Port*, and *Prefix* fields to build the URL string.

Host

To override the existing host value, type a value for the new host.

Port

To override the existing port value, type a value for the new port.

Prefix

Type the beginning of the URL, for example, **http://**.

Field substitutions

Specify data in the *Prefix*, *Field Name, Start*, *Length*, and *Suffix* fields to indicate field substitutions.

Prefix

Type the prefix for the specific field.

Field Name

Type the name of the field to substitute into the URL. In addition to any field name on the display, you can use the following system values, which are substituted at run-time:

- **_sys_**
- **_rls_**
- **_mod_**
- **_lib_**
- **_plat_**
- **_jobn_**
- **_ver_**
- **_display_**
- **_format_**

Start

If you are substituting a value for the field and it is a partial field substitution, type the position within the field where the substitution starts.

Length

Type the length of the field from the starting position.

Suffix

Type the ending value of the field, for example **.gif** or **.pdf** for a field substitution or **/** if this is a directory.

4 Press Enter to save the attachment rule, or if the three template fields do not meet your needs, press F5 to display the complete URL string. You can override the URL with text that meets your requirements. When you press F5, the system displays a screen similar to the in Figure 6-18.
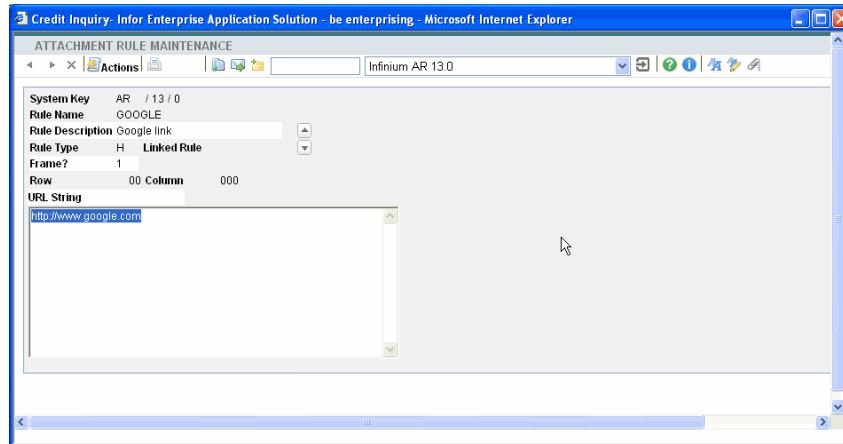
Figure 6-18: Attachment Rule Maintenance override screen

5 Modify the URL string field.

Note: After you manually modify the URL string field, you cannot change the first three template fields. You must make additional modifications on the override screen.

6 Press Enter to save the attachment rule.

Attachment rule examples

Below are three examples of attachment rules.

Example of an attachment rule for an absolute URL

In this example, the rule name is **GOOGLE**. The description is **Google Link**. The type is **H**, HTTP anchor tag. The URL text on the help frame Web page is **Google Link**. The URL that launches the attachment is **http://www.google.com/**. When you click the URL, the system launches the home page for the Google Search Engine shown in Figure 6-19.
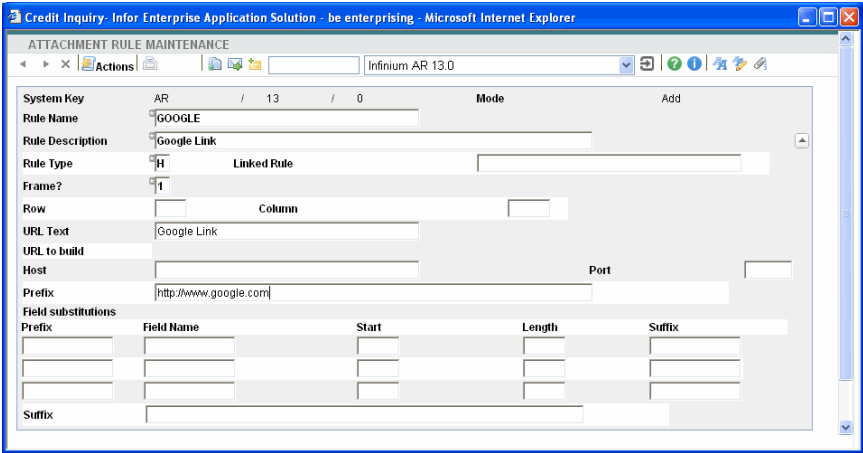
Figure 6-19: Attachment Rule Maintenance screen for an absolute URL

Example of a relative link attachment rule

In this example, the rule is **INV100F2.SCR001.PRODUCTPLIST**. The description is **Product Parts List**. The type is **H**, HTTP anchor tag, is in the help frame. The URL text on the help frame Web page is **Parts List**.

A dynamic link uses the field value at run-time and substitutes it into the URL. This allows the content of the URL to change as data changes. In this example, the system appends the .pdf file extension to the value you enter in the *Field Name* field, in this case, **WK0039** and then appends the WK0039.pdf file to the **partlist/** value in the *Field Prefix* field shown in Figure 6-20.

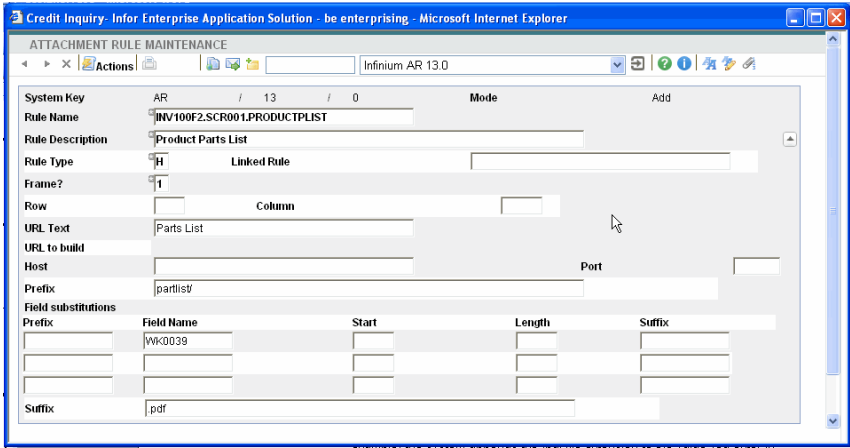Figure 6-20: Attachment Rule Maintenance screen for a relative link

Example of an attachment rule with no slash in the field prefix field

In this example, the rule is **ADMIN**. The description is **Admin Link**. The type is **H**, an HTTP anchor tag, which the system displays in the help frame. The URL text on the help frame Web page is **Admin Servlet**. The URL to launch

is **/inabler/Admin**. When you click the URL, the system launches the Admin Link page shown in Figure 6-21.

Figure 6-21: Sample Attachment Rule with no slash screen