



# Infor WebTop for IBM 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 maintaining Infor WebTop Server for IBM i for use with Infor web-enabled applications.

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

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- 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 for IBM i Installation Details and Release 4.7 Notes*
  - *Supported Technical Environment Document (STE) for Infor WebTop for IBM i 4.7 and SHCM 11.5.2*
-



Infor is pleased to announce the release of Infor WebTop for IBM® i™ 4.7. This release includes continued support of Infor Ming.le™, a new Infor technology that brings our portfolio of proven products to higher levels of power, usability, and flexibility. Infor Ming.le provides a new user interface with unified navigation, single sign-on, single-click access to Infor systems, personalization, context apps, and shortcuts to get you to the information you need faster and easier.

For additional information and documentation on Infor Ming.le, go to InforXtreme Support. Access <https://www.inforxtreme.com>. Click **Documentation**; enter **Infor Ming.le** in the search window and click **Browse**. Under the Infor Ming.le section, expand **Infor Ming.le 11.1** to display the links to the documents. Adobe Acrobat Reader is required to access documentation.

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

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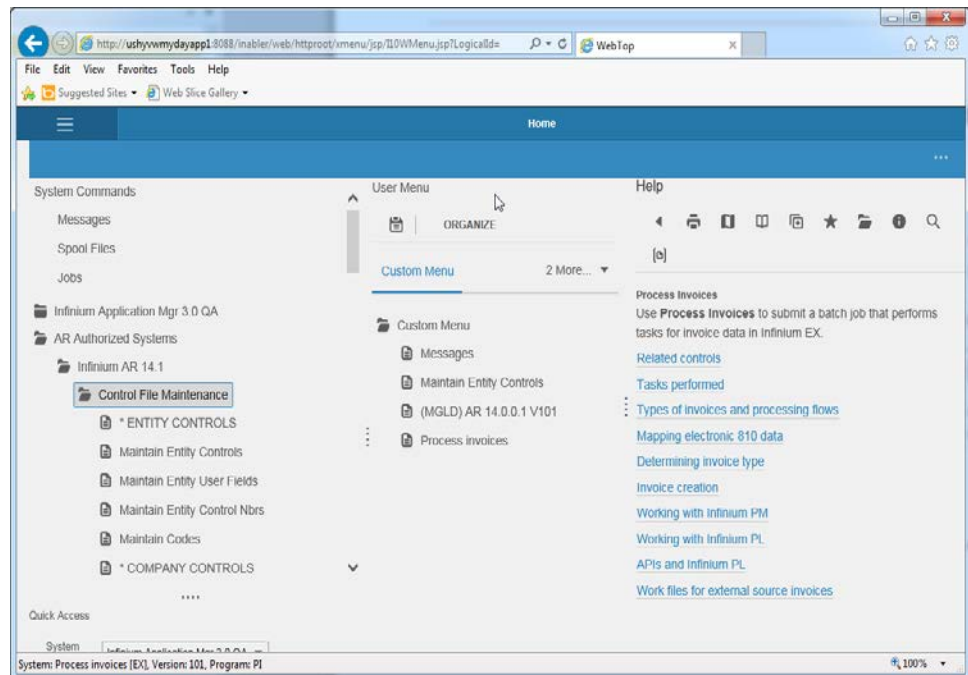


Figure 1-1: WebTop home page

# 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
- Two menu navigation methods are available from the WebTop home page
  - A hierarchical tree structure menu in the left frame of the WebTop home page provides navigation through menu options for your authorized applications

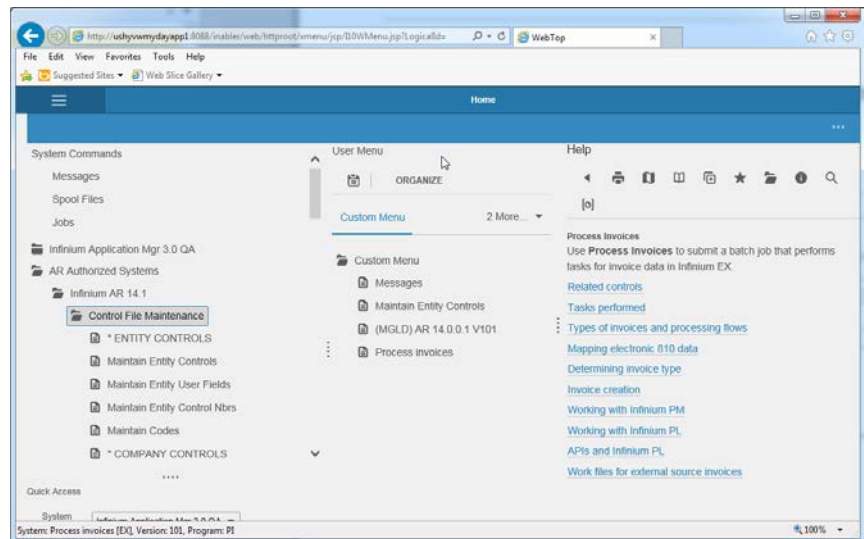


Figure 1-2: WebTop hierchal tree structure menu

- An Application Menu accessible in the upper left of the WebTop browser page by clicking the menu icon

The menu options cascade to display the lower level menu options as shown below.

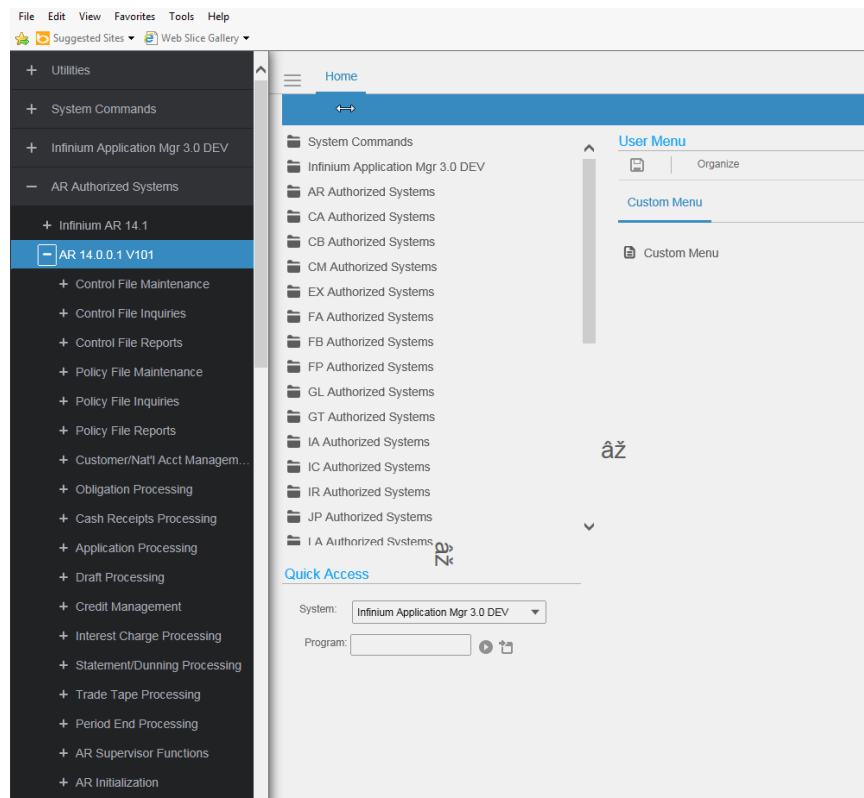


Figure 1-3: WebTop Application menu

- Application forms displayed as tabs within the active browser window

Application form tabs are created when you make a menu selection or use Quick Access. You close the application form tabs by clicking the Exit button on the form, which also causes the application job to end.

You can go from one application form to another by selecting the relevant tab. If you open more form tabs than can fit across the tab bar, a Next button is displayed on the right side of the tab bar, which you can use to scroll the available tabs. A Previous button is displayed on the left side of the tab bar so that you can scroll back through the available tabs.

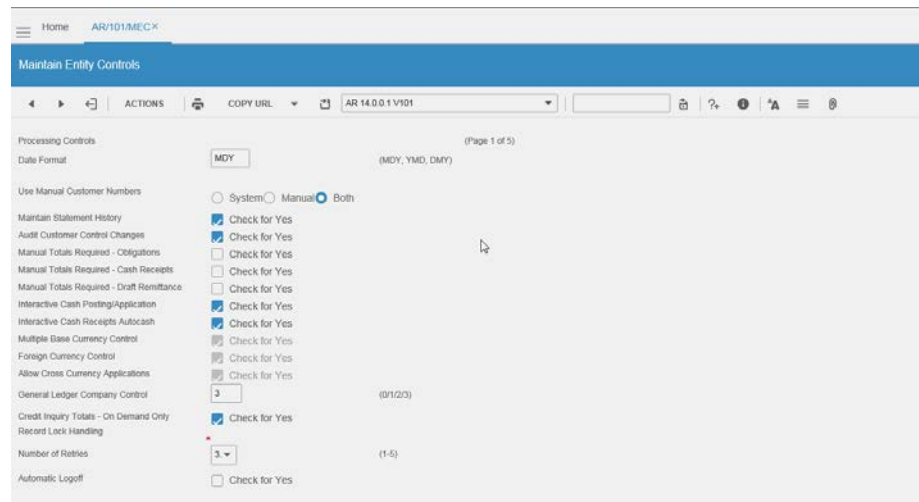


Figure 1-4: WebTop application page

- 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.

- Utilities Menu

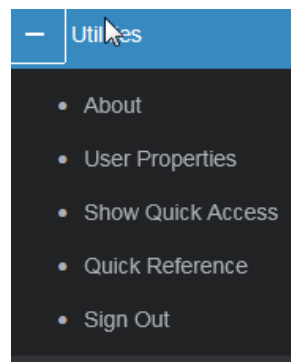


Figure 1-5: Utilities menu

Access to the utility commands from the main menu bar:

- About
- Show Quick Access Panel

Click to open a quick access window, as shown below, 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.

System  Q

Version

Program

Displaying - (0 Results)  ...

Program Name	Description
--------------	-------------


[CLOSE](#)

Figure 1-6: Quick Access window

- Quick Reference

You click the quick reference option 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.

- Sign Out
- Home
- Themes

The ability to choose the contrast as well as the personalization exists in WebTop Server. Click the more icon  at the upper right of the WebTop panel to display this list:

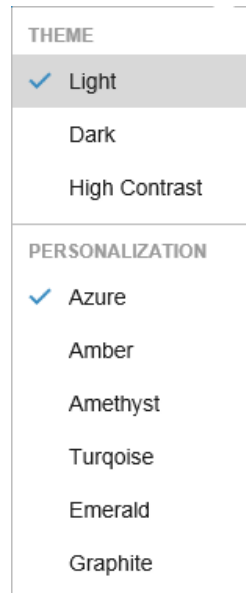


Figure 1-7: Theme and Personalization list

#### ■ Infor Ming.le integration

Infor Ming.le, as shown below, provides a portal and framework to integrate Infor applications to share information across application through a common user interface with unified navigation, single sign-on, single-click access to Infor systems, personalization, context apps, and shortcuts.

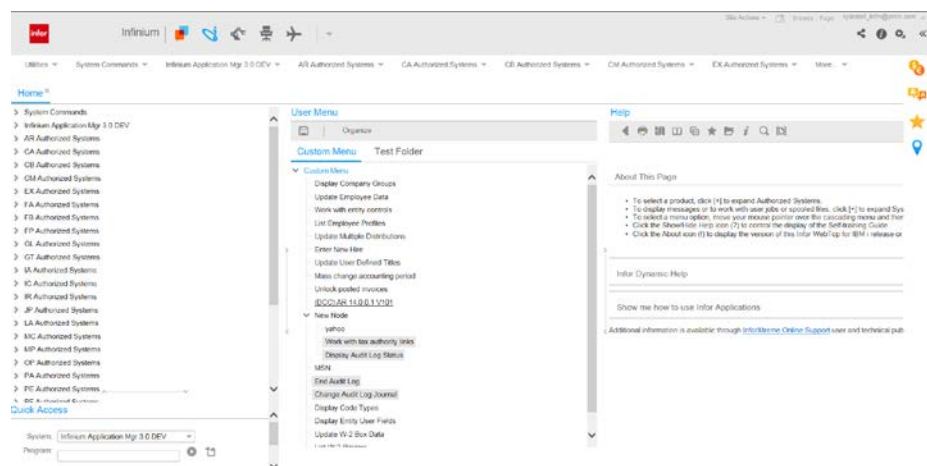


Figure 1-8: WebTop within Infor Ming.le

At the top of the Infor Ming.le home page is a list of integrated Infor applications. Click the application icon to display the application in the central pane.



Figure 1-9: Application icon within Infor Ming.le

- Documentation

When implemented within Infor Ming.le, WebTop provides access to Infinium product documentation from a Documentation context application to display the Infor Xtreme Documentation Home Page for Infinium products.



## 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, Word, PDF, or XML
- Export subfile records to Microsoft Excel or Word

Review the “Customizing and Configuring Application Screens” chapter of this guide for information on all supported WebTop Server decorators

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# Notes

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## Chapter 2 Working with the WebTop Server Custom Menu

# 2

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:

<b>Topic</b>	<b>Page</b>
Adding custom menu options	2-2
Organizing custom menu options	2-16
Saving custom menu options	2-25
Executing a custom menu option	2-27

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## Adding custom menu options

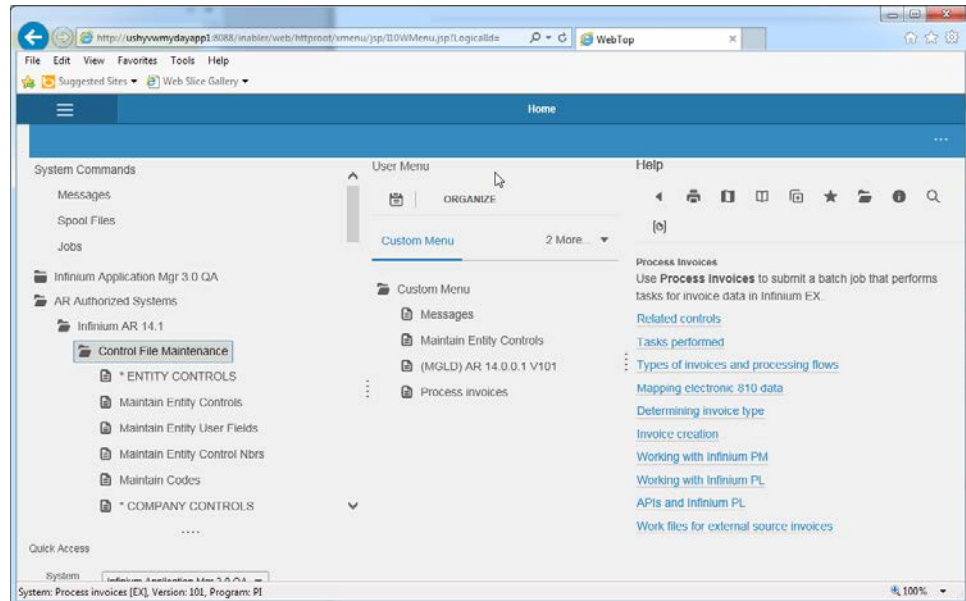


Figure 2-1: Custom Menu page

**Note:** If you set up WebTop within Infor Ming.le 11.1, you can also use the Shortcuts context application to create shortcuts to your menu options. See the Infor Ming.le 11.1 documentation for more information.

## Adding a Custom Menu option

Drag and Drop is available for adding entries to the Custom Menu. Left-click to capture, drag, and then drop a menu item from the Hierarchical Menu to the Custom Menu.

Right-click a menu option and select Custom Menu as shown below.

**Note:** The right-click option is available only from the menu on the Home tab.

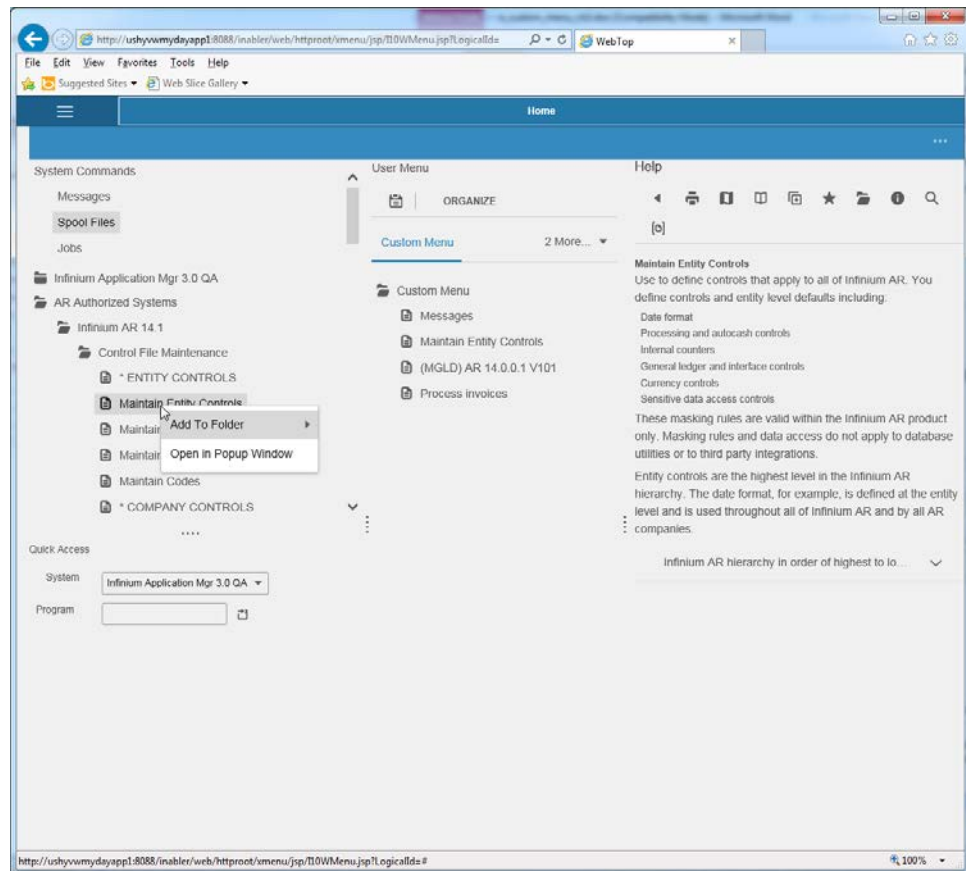


Figure 2-2: Add To Folder display box on the Custom Menu page

For example, right click Work with Company Controls from the Infinium Cross Applications 12.3 Control Files menu and select Custom Menu to add the menu option to the Custom Menu as shown below.

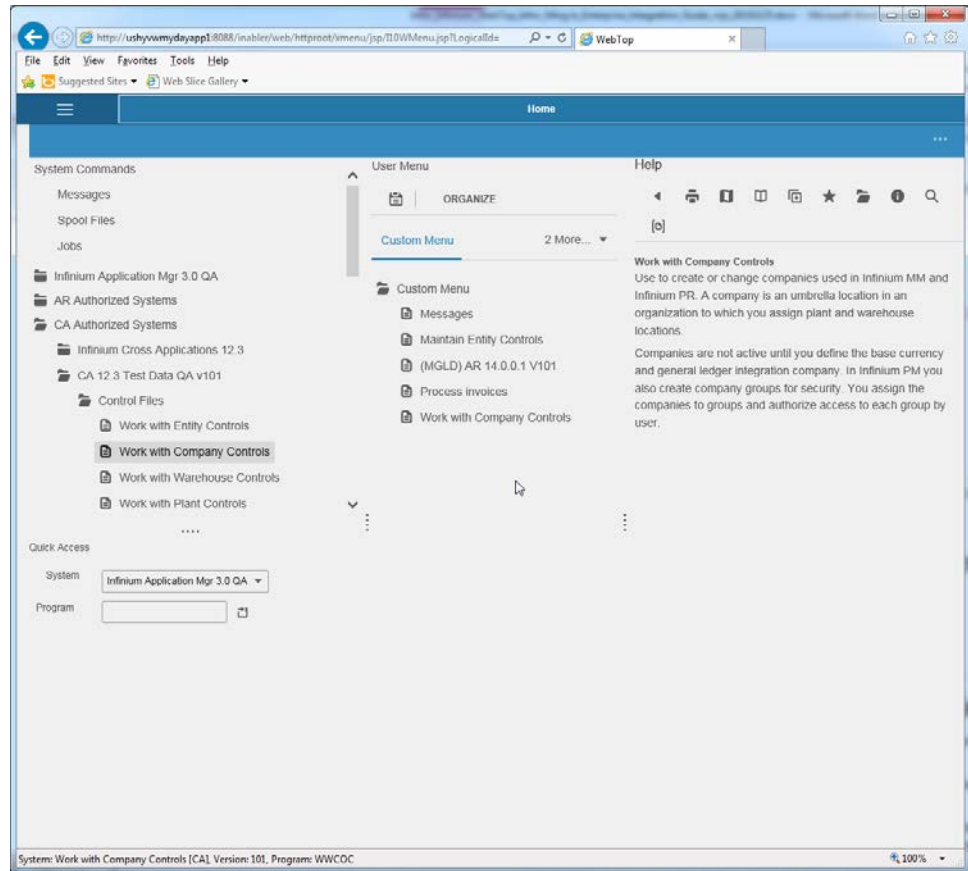


Figure 2-3: Custom Menu sample page

## Adding an external shortcut to the Custom Menu

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

- 1 Click Organize from the Custom Menu.

### User Menu

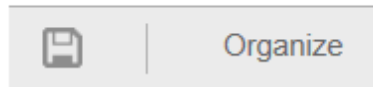


Figure 2-4: User Menu selections

The system displays the Organize web page dialog shown below.

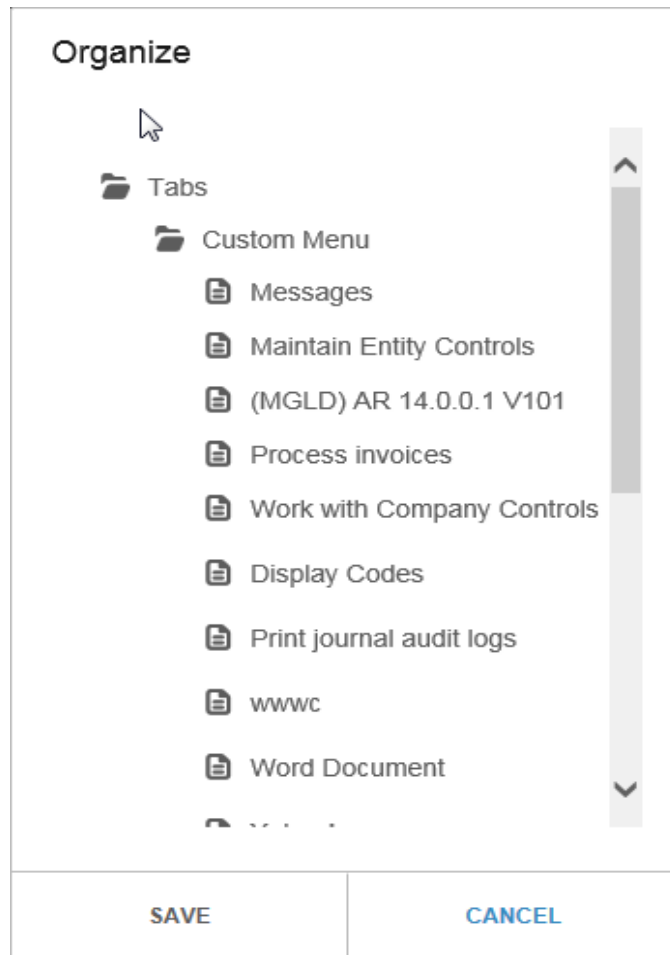
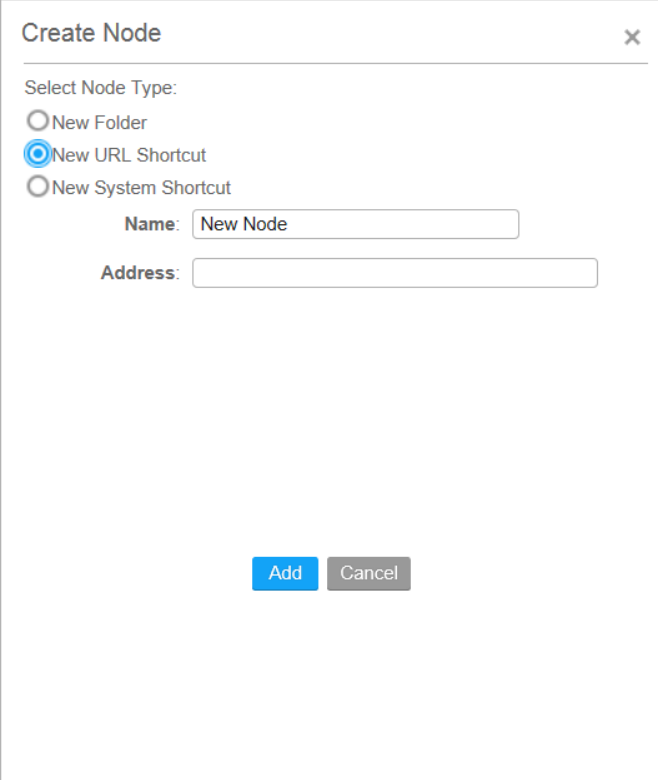


Figure 2-5: Organize web page dialog

- 2 Right-click *Custom Menu* and select *Create*. The Create Node web page dialog shown below is displayed.



The image shows a web page dialog titled "Create Node" with a close button (X) in the top right corner. Below the title bar, the text "Select Node Type:" is followed by three radio button options: "New Folder", "New URL Shortcut" (which is selected), and "New System Shortcut". Below these options are two text input fields: "Name:" with the text "New Node" and "Address:" which is empty. At the bottom center of the dialog are two buttons: "Add" (highlighted in blue) and "Cancel" (grey).

Figure 2-6: Create Node web page dialog

**3 Select New URL Shortcut.**

**4 Specify the field information below.**

*Name*

Type the name of the shortcut.

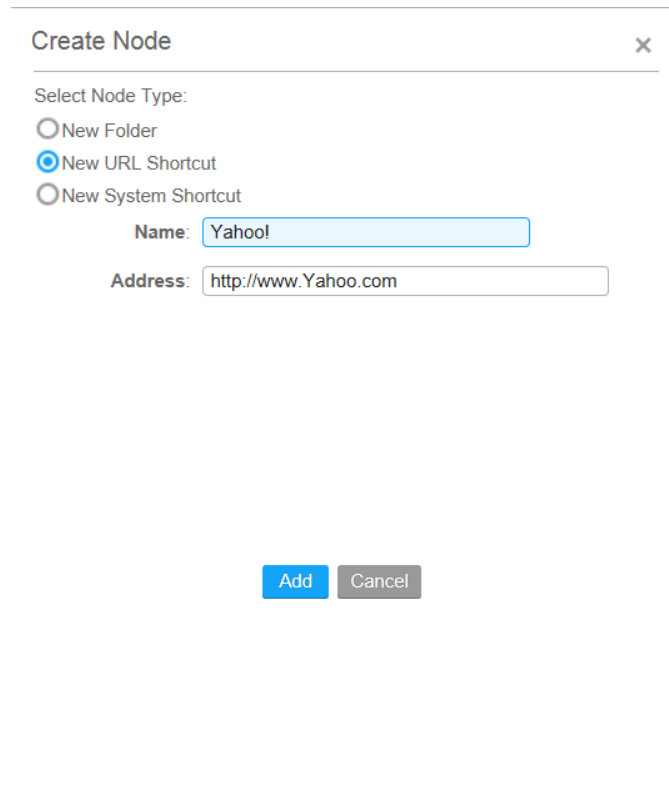
For example, type **http://www.yahoo.com** in the *Address* field and **Yahoo!** in the *Name* field as shown below.

*Address*

Type the address for the new shortcut.

---





Create Node

Select Node Type:

New Folder

New URL Shortcut

New System Shortcut

Name: Yahoo!

Address: http://www.Yahoo.com

Add Cancel

Figure 2-7: Create Node web page dialog

- 5 Click Add. The Create Node – web page dialog is closed and the shortcut is added to the Custom Menu as shown below on the Organize dialog.

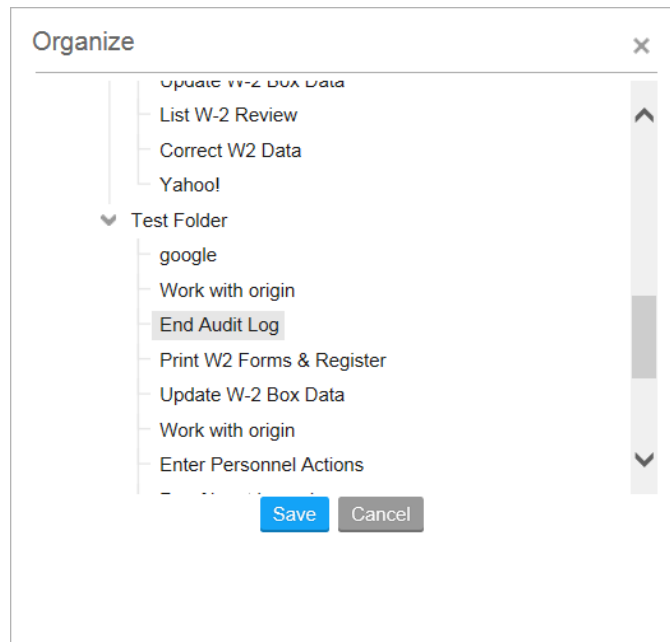


Figure 2-8: Custom Menu Organize selections

- 6 Click Save. The Organize dialog is closed and the Custom Menu is shown.
- 7 Click the Yahoo! menu option from the Custom Menu to open a new browser window with the Yahoo! main page.

## Adding an external shortcut to a new tab on the Custom Menu

Complete the steps below to add a shortcut to an external site on a new tab to your custom menu.

- 1 Click Organize from the Custom Menu.

### User Menu

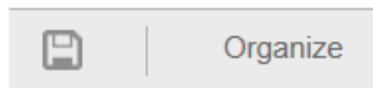


Figure 2-9: User Menu selections

The system displays the Organize web page dialog shown below.

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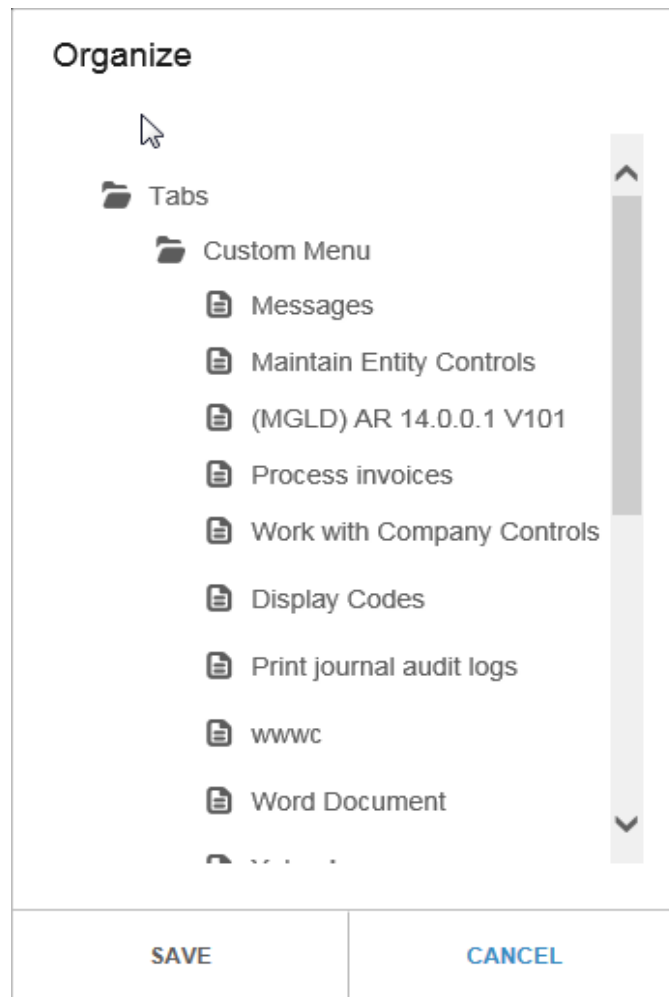
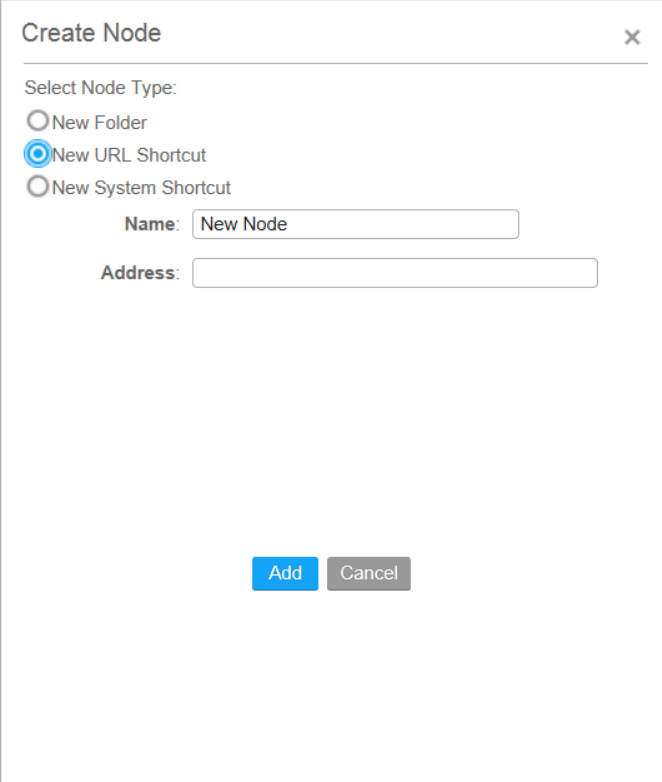


Figure 2-10: Organize web page dialog

2 Right-click *Tabs* and select *Create*.

The Create Node web page dialog shown below is displayed.



The image shows a web page dialog titled "Create Node" with a close button (X) in the top right corner. Below the title bar, the text "Select Node Type:" is followed by three radio button options: "New Folder", "New URL Shortcut" (which is selected), and "New System Shortcut". Below these options are two text input fields: "Name:" with the value "New Node" and "Address:" which is currently empty. At the bottom center of the dialog are two buttons: a blue "Add" button and a grey "Cancel" button.

Figure 2-11: Create Node web page dialog

- 3 Click **New Folder** to display the web page dialog shown below.

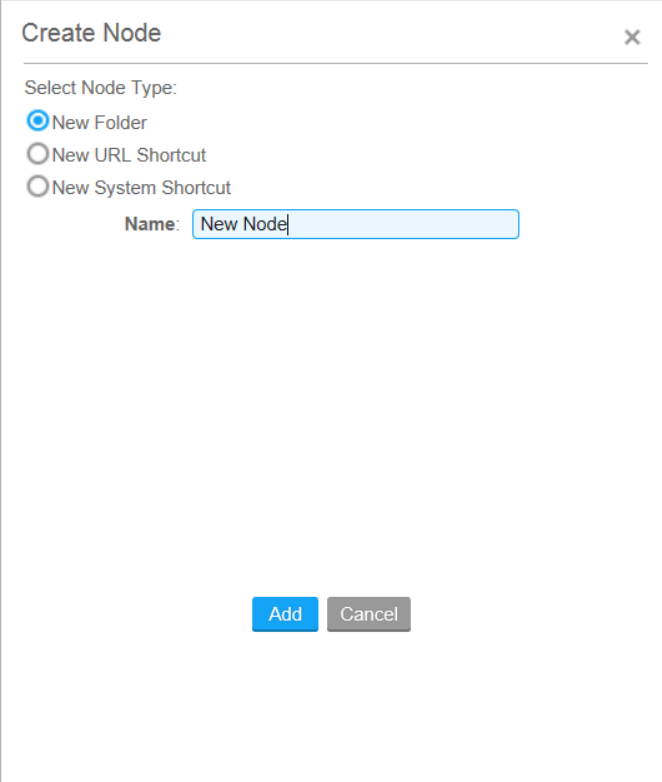
A screenshot of a web page dialog box titled "Create Node" with a close button (X) in the top right corner. The dialog contains a section labeled "Select Node Type:" with three radio button options: "New Folder" (which is selected), "New URL Shortcut", and "New System Shortcut". Below these options is a text input field labeled "Name:" containing the text "New Node". At the bottom center of the dialog are two buttons: "Add" (highlighted in blue) and "Cancel" (greyed out).

Figure 2-12: Create Node web page dialog

- 4 Type a name in the *Name* field, for example **Web Sites**, for the shortcut and click Add.
- 5 Click Save on the Organize web page dialog.
- 6 The new folder is added under the Custom Menu folder as shown below.

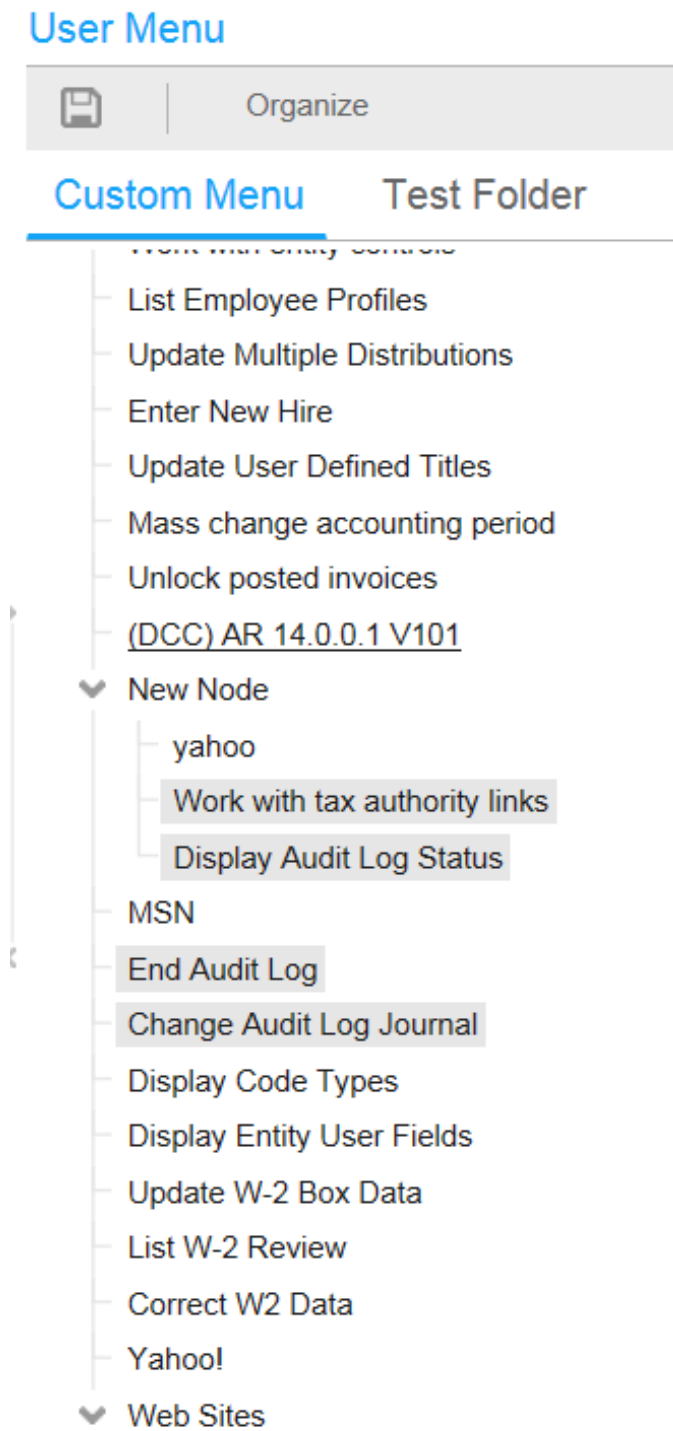


Figure 2-13: User Menu web page dialog

- 7 Click Organize from the Custom Menu.

## User Menu

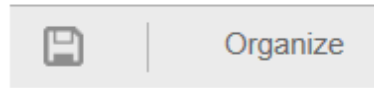


Figure 2-14: User Menu selections

The Organize web page dialog is displayed.

- 8 Right-click *Web Sites* and select *Create*. The Create Node web page dialog shown below is displayed.

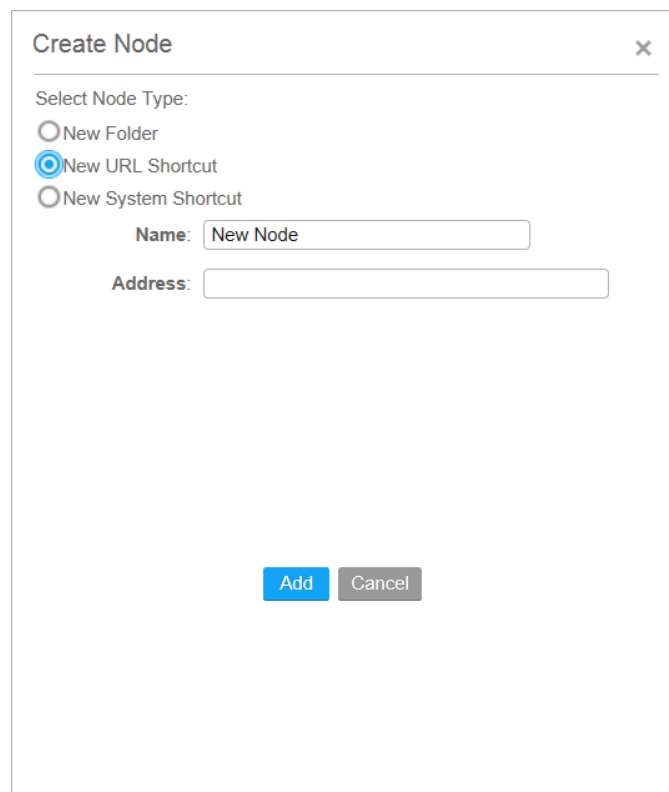
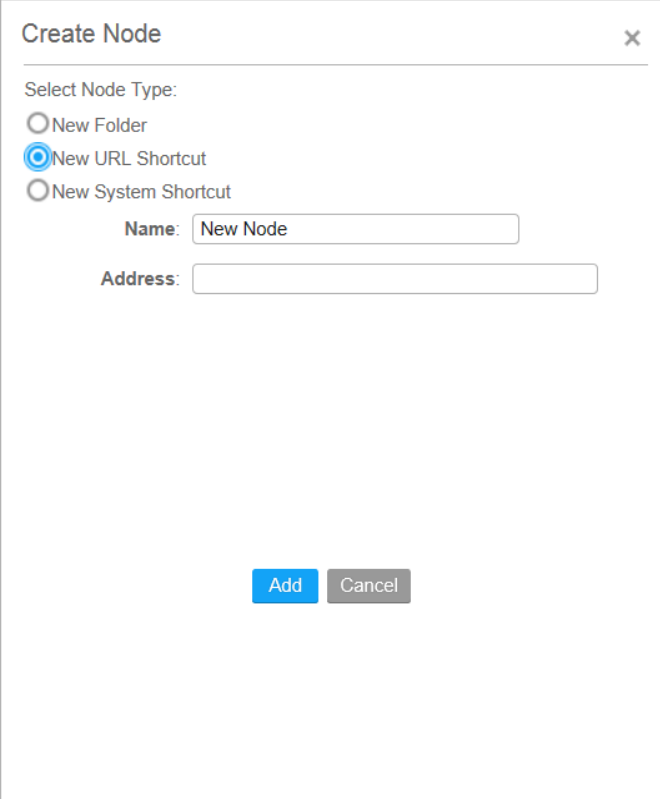
A dialog box titled "Create Node" with a close button (X) in the top right corner. Below the title bar, the text "Select Node Type:" is followed by three radio button options: "New Folder", "New URL Shortcut" (which is selected), and "New System Shortcut". Below these options are two input fields: "Name:" with the text "New Node" and "Address:" which is empty. At the bottom center, there are two buttons: "Add" (highlighted in blue) and "Cancel" (gray).

Figure 2-15: Create Node web page dialog

- 9 Click **New URL Shortcut** to display the web page dialog shown below.



The image shows a web page dialog box titled "Create Node" with a close button (X) in the top right corner. Below the title bar, the text "Select Node Type:" is followed by three radio button options: "New Folder", "New URL Shortcut" (which is selected), and "New System Shortcut". Below these options are two text input fields. The first is labeled "Name:" and contains the text "New Node". The second is labeled "Address:" and is currently empty. At the bottom center of the dialog box, there are two buttons: a blue "Add" button and a grey "Cancel" button.

Figure 2-16: Create Node web page dialog

**10** Specify the field information below.

*Name*

Type the name of the shortcut.

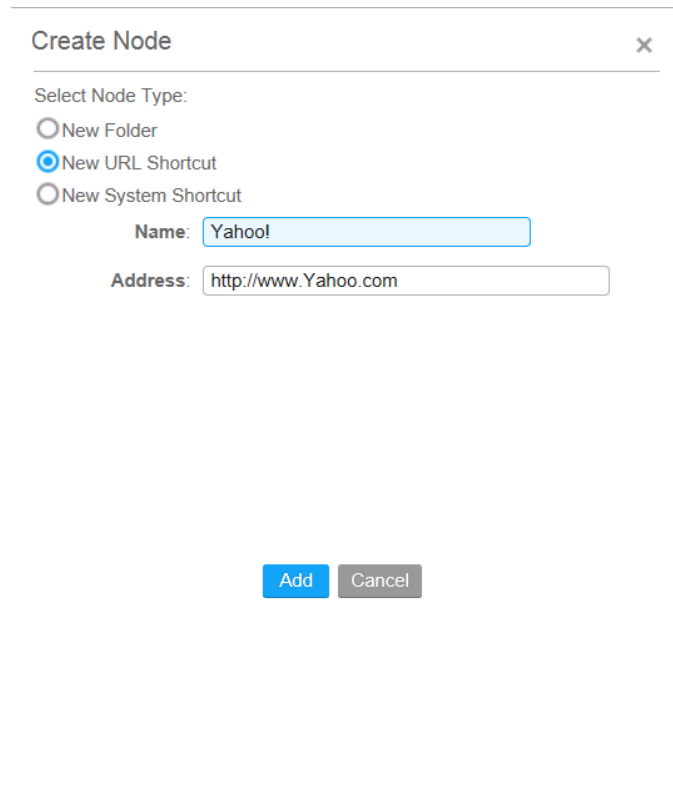
For example, type **http://www.yahoo.com** in the *Address* field and **Yahoo!** in the *Name* field as shown below.

*Address*

Type the address for the new shortcut.

---





The image shows a 'Create Node' dialog box with a close button (X) in the top right corner. Under the heading 'Select Node Type:', there are three radio button options: 'New Folder', 'New URL Shortcut' (which is selected), and 'New System Shortcut'. Below these options are two text input fields: 'Name:' containing the text 'Yahoo!' and 'Address:' containing the text 'http://www.Yahoo.com'. At the bottom of the dialog, there are two buttons: 'Add' and 'Cancel'.

Figure 2-17: Create Node web page dialog

- 11 Click Add. The web page dialog is closed.
- 12 Click Save on the Organize web page dialog.
- 13 Click the new tab to display the shortcut as shown below.

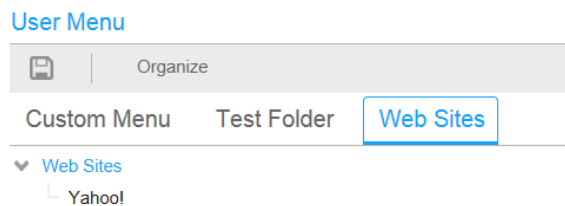


Figure 2-18: User Menu selections

- 14 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.

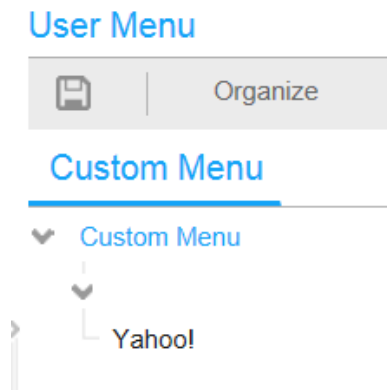


Figure 2-19: Custom Menu page

The system displays the Organize Shortcuts – web page dialog shown below.

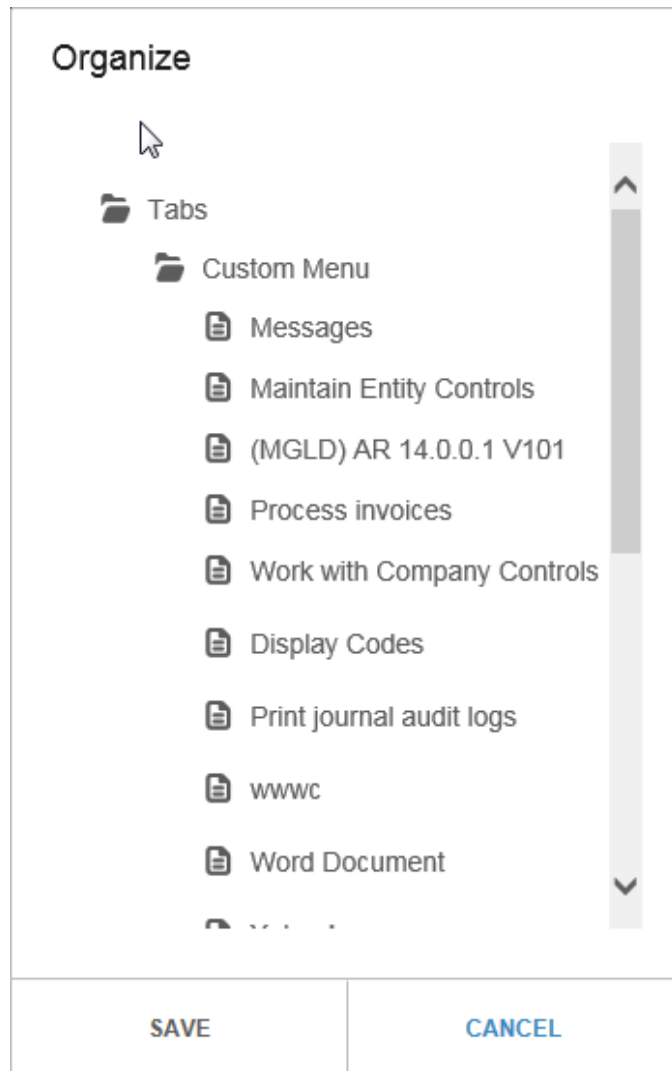


Figure 2-20: Organize web page dialog

## Adding a new menu category

- 1 To add a new category to the custom menu, click Organize from the User Menu. The Organize dialog is displayed.
- 2 Select the node to which you want to add a new folder and right-click it to display a list of options.
- 3 Click *Create*. The Create Node web page dialog shown below is displayed.

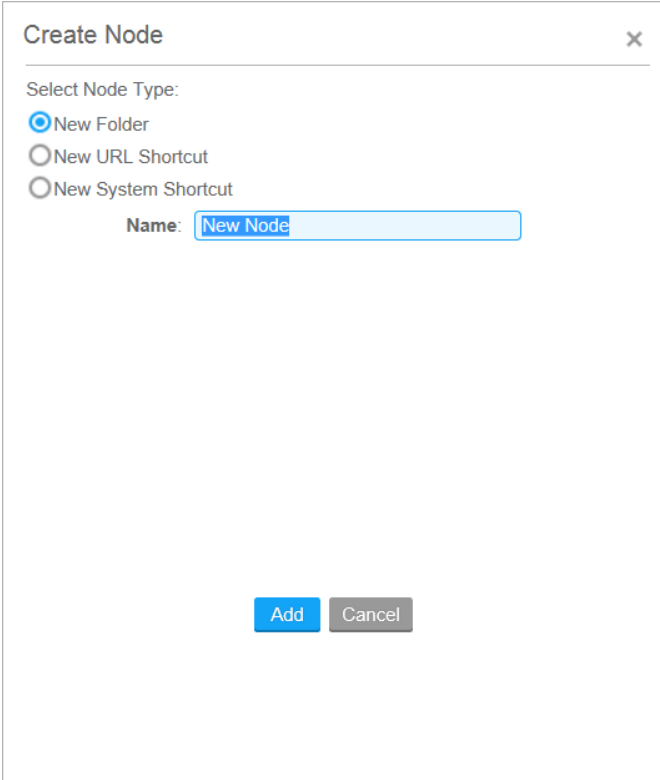


Figure 2-21 shows a dialog box titled "Create Node" with a close button (X) in the top right corner. The dialog contains the following elements:

- Section: "Select Node Type:"
- Radio button options:
  - New Folder
  - New URL Shortcut
  - New System Shortcut
- Text input field: "Name:" with the value "New Node" entered.
- Buttons: "Add" and "Cancel" at the bottom center.

Figure 2-21: Create Nodes web page dialog - New Folder

- 4 Select **New Folder**, and type a name for the folder in the *Name* field.
- 5 Click Add.
- 6 Click Save.

## Renaming a shortcut or folder

You can rename the new shortcut folder or an existing folder, and you can rename the shortcuts within the folders.

- 1 Select the shortcut or folder that you want to rename as shown below.
-

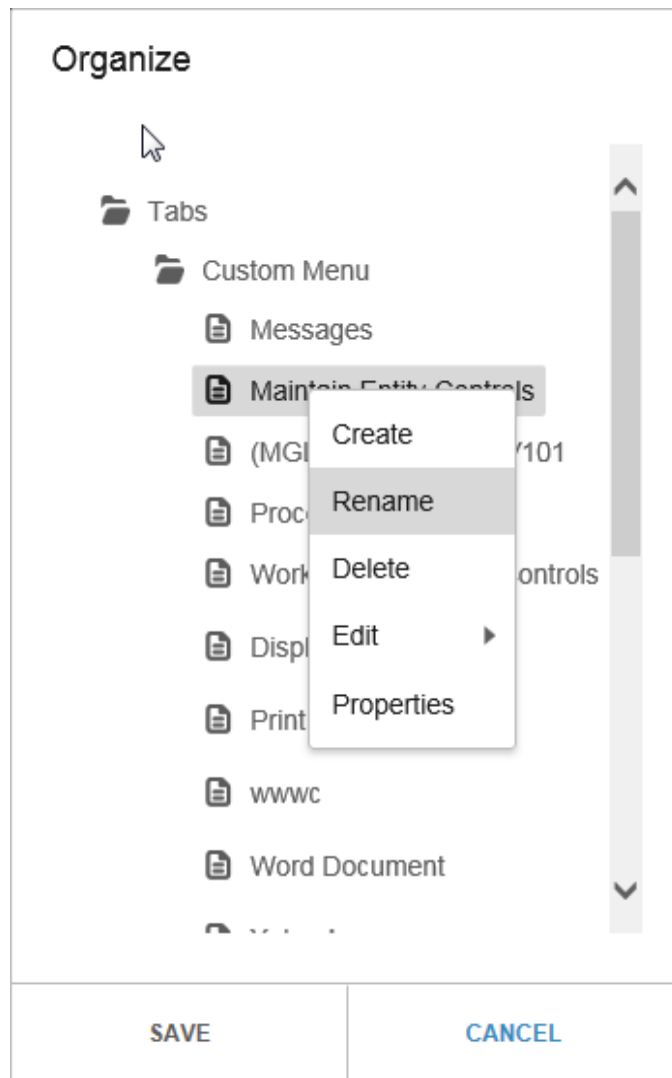


Figure 2-22: Organize web page dialog

- 2 Right-click and select *Rename* from the list of options. Type the new name, and click Save.

## Moving a shortcut to another folder

You can move a shortcut from folder to another.

- 1 Select the shortcut from the Organize web page dialog shown below.

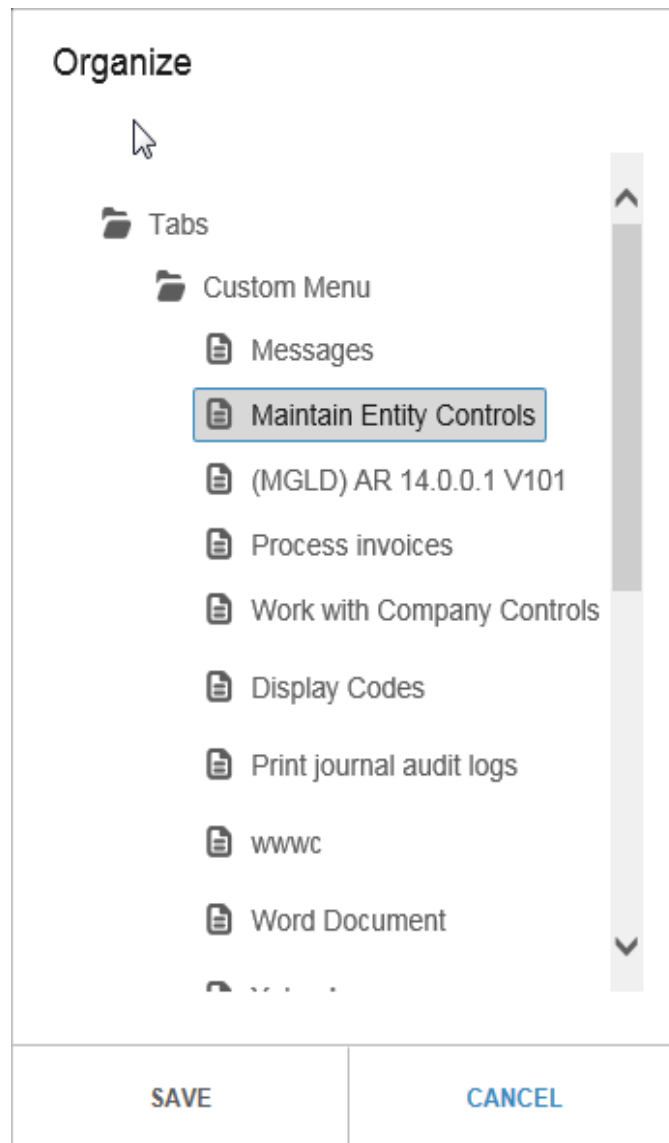


Figure 2-23: Organize web page dialog

- 2 Drag and drop the shortcut to the desired location.

## Deleting a shortcut or folder

You can delete an existing shortcut or folder.

- 1 Select the shortcut or folder from the Organize web page dialog.
- 2 Rick-click a menu option to display a list of options.

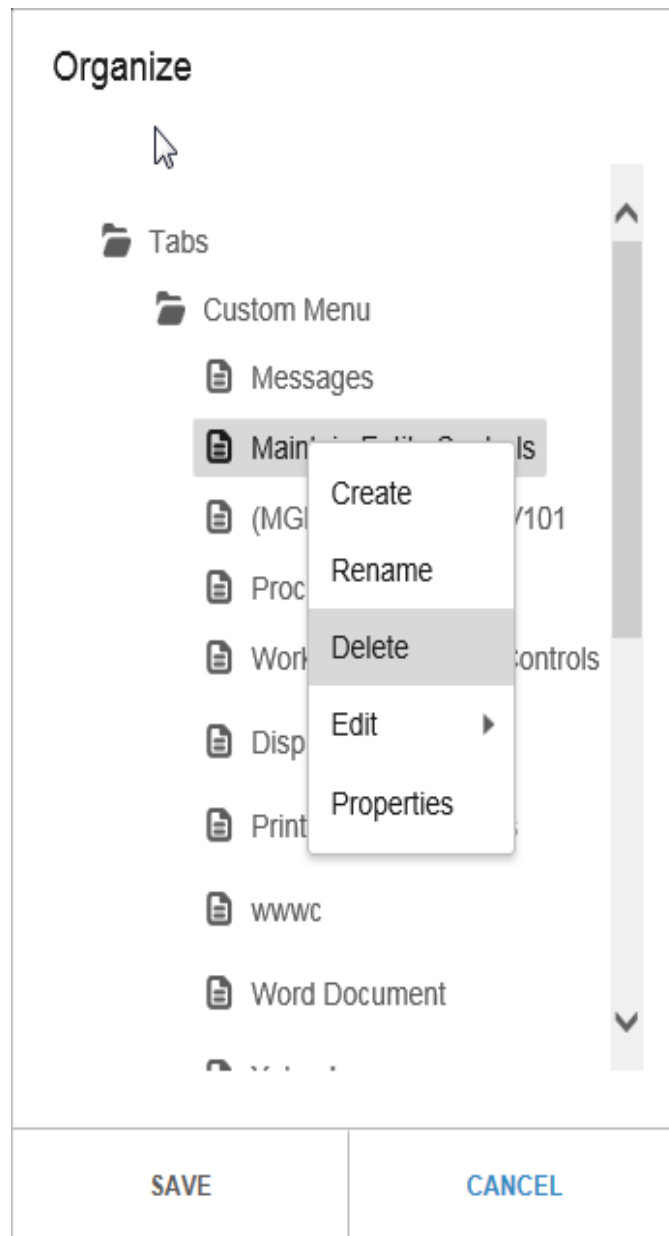


Figure 2-24: Organize web page dialog

**3** Select *Delete*.

If you select to delete a folder, and subfolders and shortcuts within the selected folder are deleted.

## Viewing shortcut properties

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

- 1 Select the shortcut from the Organize web page dialog.
- 2 Select a shortcut or folder and right-click to display a list of options as shown below.

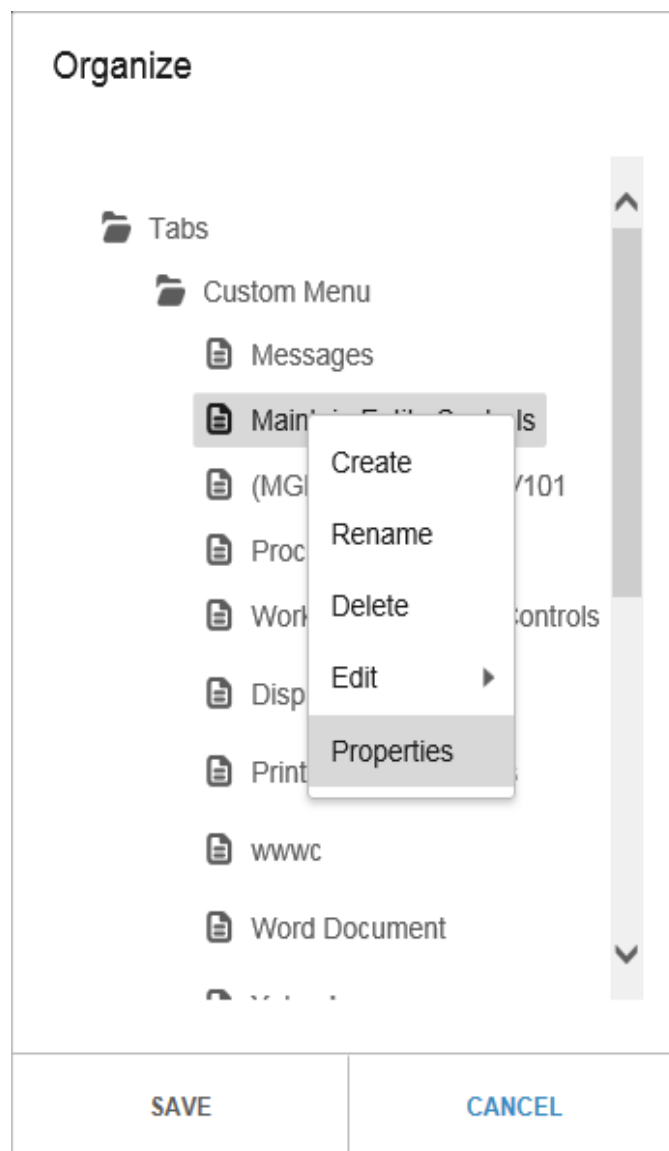


Figure 2-25: Organize web page dialog

- 3 To edit the shortcut properties, select *Properties*. The Edit Properties dialog shown below is displayed.



**Edit Properties**

Select Node Type

New Folder

New URL Shortcut

New System Shortcut

**Name**

Maintain Entity Contro

**System**

AR

**Version**

101

**Job Name**

MEC

**SAVE** **CANCEL**

Figure 2-26: Edit Properties web page dialog

- 4 Change the field information on the Properties dialog page as required.
- 5 Click Save.
- 6 To edit the shortcut properties of an external shortcut, right-click an external shortcut from the Organize web page dialog and click *Properties*.

**Edit Properties**

Select Node Type

New Folder

New URL Shortcut

New System Shortcut

**Name**

Yahoo!

**Address**

http://www.yahoo.com

**SAVE** **CANCEL**

Figure 2-27: Edit Properties web page dialog

- 7 On the Edit Properties web page dialog, type the new web address in the *Address* field.
- 8 Click Save.

## 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, **\\WEBTOP\_EARS\menu\portnumber\custom**. Replace the *portnumber* with the port number you use when you access the Webtop Server application.

### User Menu

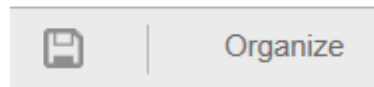


Figure 2-28: User Menu selections

The system displays a message in the VBScript: Save shortcuts page.

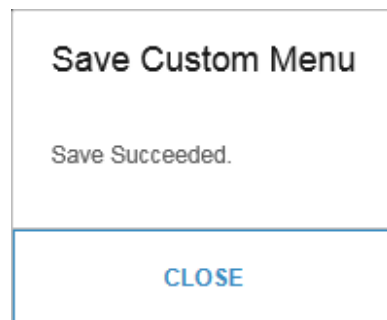


Figure 2-29: Save Custom Menu web page dialog

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.
-

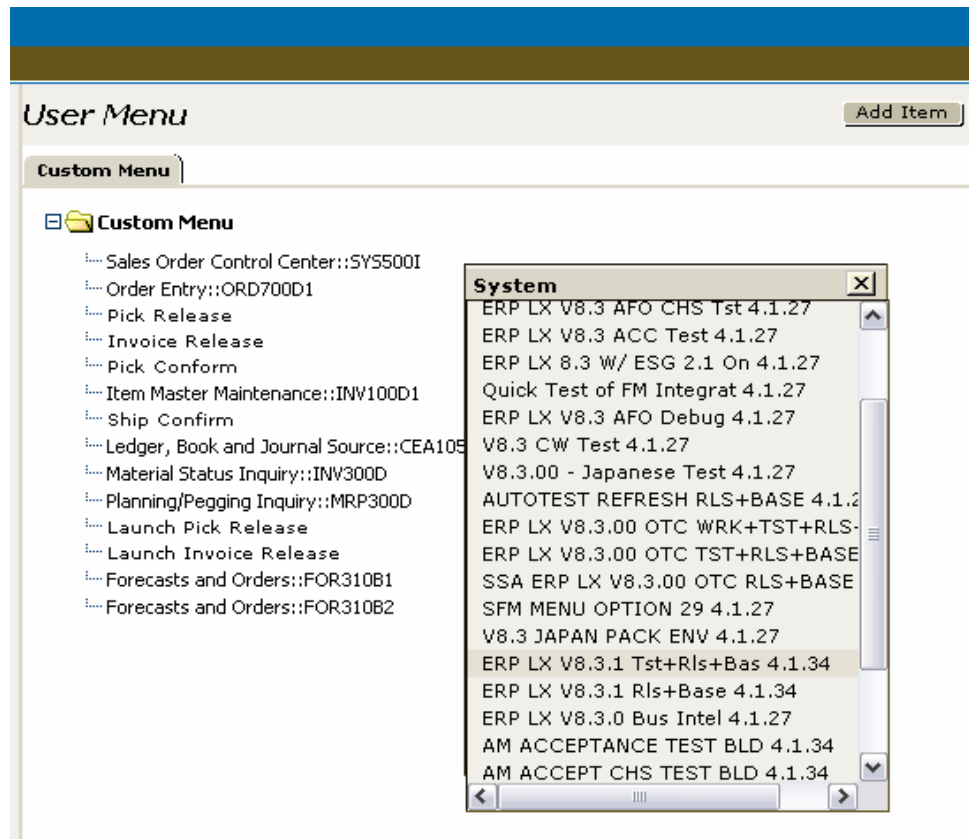


Figure 2-30: Custom Menu page

- 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.

The chapter consists of the following topics:

<b>Topic</b>	<b>Page</b>
Overview	3-2
Using attachment rule maintenance (ATRULE)	3-3
Attaching attachment rules to a panel or display file	3-13
Resetting the run-time generation flag in the W3PDFV file	3-15

## Overview

You use attachment rules to create and maintain image and HTTP anchor tags that you can attach to an application panel.

To attach rules to an application panel, 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 rules from the web user interface

You can apply attachment rules as described above from the System i interface, or you can use the Attachment Rules web icon  when you use the web user interface. For more information, see the “Customizing and Configuring Application Screens” chapter.

---



## 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 an application panel. 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.

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.

---

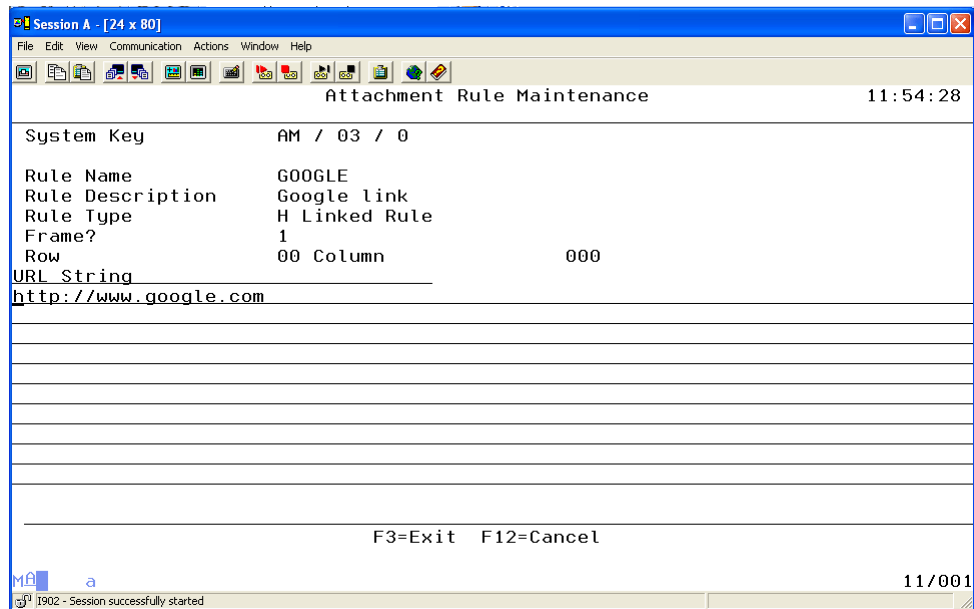


Figure 3-4: Attachment Rule Maintenance override screen

#### 7 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.

#### 8 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.

Session A - [24 x 80]  
 File Edit View Communication Actions Window Help  
 W3GRULEM/DSP02 Attachment Rule Maintenance 11:55:16

System Key AM / 03 / 0 Mode Update

Rule Name GOOGLE  
 Rule Description Google Search Engine  
 Rule Type H Linked Rule  
 Frame? 1  
 Row  
 URL Text Google Search

URL to build  
 Host Port  
 Prefix http://www.google.com

Field substitutions 20 positio	Field Name	Start	Length	Suffix

Suffix

F3=Exit View URL F12=Cancel

13/075  
 1902 - Session successfully started

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**.



System Key 83 / 08 / 3 Mode Update

Rule Name INV100F2.SCR001.PRODUCTPICT

Rule Description Product Picture Link

Rule Type H Linked Rule

Frame? 1

Row 1 Column

URL Text Parts List

URL to build

Host Port

Prefix pictures/

Field substitutions 20 positions

Prefix	Field Name	Start	Length	Suffix
	WK0039			

Suffix .pdf

F3=Exit View URL F12=Cancel

06/043

1902 - Session successfully started

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.

Session A - [24 x 80] W3GRULEM/DSP02 Attachment Rule Maintenance 12:12:50

File Edit View Communication Actions Window Help

System Key 83 / 08 / 3 Mode Update

Rule Name ADMIN

Rule Description Infinium Admin Link

Rule Type H Linked Rule

Frame? i

Row \_\_\_\_\_ Column \_\_\_\_\_

URL Text Infinium Admin

URL to build

Host \_\_\_\_\_ Port \_\_\_\_\_

Prefix /inabler/Admin

Field substitutions 20 positio

Prefix	Field Name	Start	Length	Suffix
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Suffix \_\_\_\_\_


F3=Exit View URL F12=Cancel


MFA a 06/023

1902 - Session successfully started

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 application panel by using the WTRDM command or by using the designer mode icon  from the web panel.

Using Designer Mode from within the web page, to place the panel in Designer Mode, click the Designer Mode icon .

To enable Designer Mode, update the following directive in file `\\WEBTOP.ear\\IWEBTOP.war\\web\\httproot\\xml\\web_properties.xml`

```
<InfPanelRendererSwitch enabled="N" enabledFor="*ALL"/>
Set enabled="Y"
Set enabledFor to either *ALL for all users or replace *ALL with a list of user
profiles that are to be enabled to use Designer Mode. Example
enabledFor="AM2000, PE2000, USER1"
```

Using the WTRDM command from the command line.

- 1 Add the WebTop library to your library list.
- 2 ADDLIBLE AM2000.
- 3 Issue the WTRDM command.

## 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 = ' '
DEFORMAT = ' '
DETYPE = 'TF'
DEMAN = 'Y'
DEXML = <tf><r n="NASDAQ"/></tf>
```

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 = ''  
DETYPE = 'TF'  
DEMAN = 'Y'  
DEXML = <tf><r n="NASDAQ"/></tf>
```

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 = <tf><r n=" INV100F2.DSP01.ITEMMSDS"/><r n=" INV100F2.DSP01.PRODUCTPICT"/><r n="GOOGLE"/></tf>
```

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

The chapter consists of the following topics:

<b>Topic</b>	<b>Page</b>
Overview	4-2
Enabling WebTop Server routing	4-3
Routing jobs by port and job description	4-4
Routing jobs by user and job description	4-5

---

## 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:

**ADDLIB** *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.&JOBNAME')
```

Replace *&PORT* with the correct port number to use to access the WebTop Server application. Replace *&JOBNAME* 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.&JOBNAME')
```

Replace *&USER* with the correct user profile to use to log on to the WebTop Server application. Replace *&JOBNAME* 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:

<b>Topic</b>	<b>Page</b>
WebTop run-time data maintenance	5-2
Displaying run-time attribute records	5-7
Displaying field rename table records	5-8
Displaying comp, range, values records	5-9
Restoring manual decorator defaults	5-10
Displaying User Interface XML definitions	5-11
Displaying User Interface field definitions	5-12

---

## 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 display the following WebTop attributes:

- W3PRTA, run-time attribute records
- W3PFRT, field rename table records
- W3PCRIV, records comp/range/values records
- W3PDEC, 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.

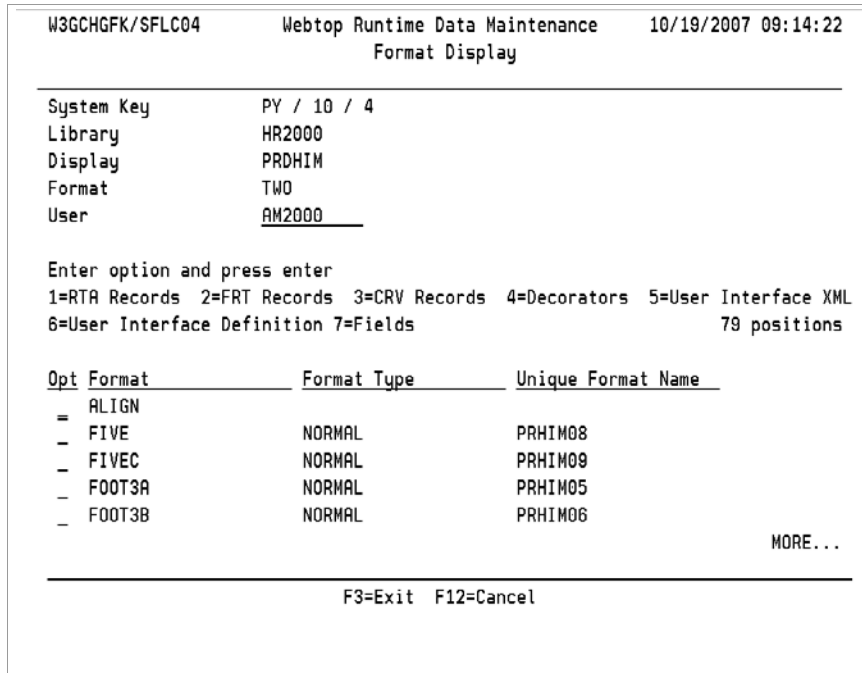


Figure 5-2: WebTop Runtime Data Maintenance Format Display selection screen

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.

Webtop Runtime Data Maintenance		10/19/2007 09:17:20
Field Rename Display		
System Key	PY / 10 / 4	
Library	HR2000	
Display	PRDHIM	
Format	SIX	
	Internal	External
	<u>Field Name</u>	<u>Field Name</u>
	PROFF#	PROFFN
		BOTTOM

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 W3PCR.V 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

## 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 5-7.

```

_ 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="0"  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="D1C0"  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 5-7: 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 5-8.

```

_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 5-8: WebTop Runtime Data Maintenance XML Display screen



---

# Chapter 6 Customizing and Configuring Application Screens

# 6

The chapter consists of the following topics:

<b>Topic</b>	<b>Page</b>
Overview	6-2
Accessing change font and designer mode	6-3
Assign the Role of Web Designer Admin	6-5
Changing fonts	6-6
Using designer mode to create and update attributes for fields and screens	6-7
Defining attachment rules	6-32

---

## 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 IBMi, use Microsoft Windows Explorer to map a network drive to the QIBM folder on your host IBM 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 IBM i. The *hostname* value is case sensitive.
  - For IBM WebSphere Application Server V8.5 BASE for the IBMi, the path for your application server is:
 

```
QIBM/UserData/WebSphere/AppServer/V85/Base/profiles/default/  
installedApps/hostname/IWEBTOP.ear/IWEBTOP.war/  
web/httproot/xml
```
  - For IBM WebSphere Application Server V8.5 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**.

- 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"/>
```

- 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.

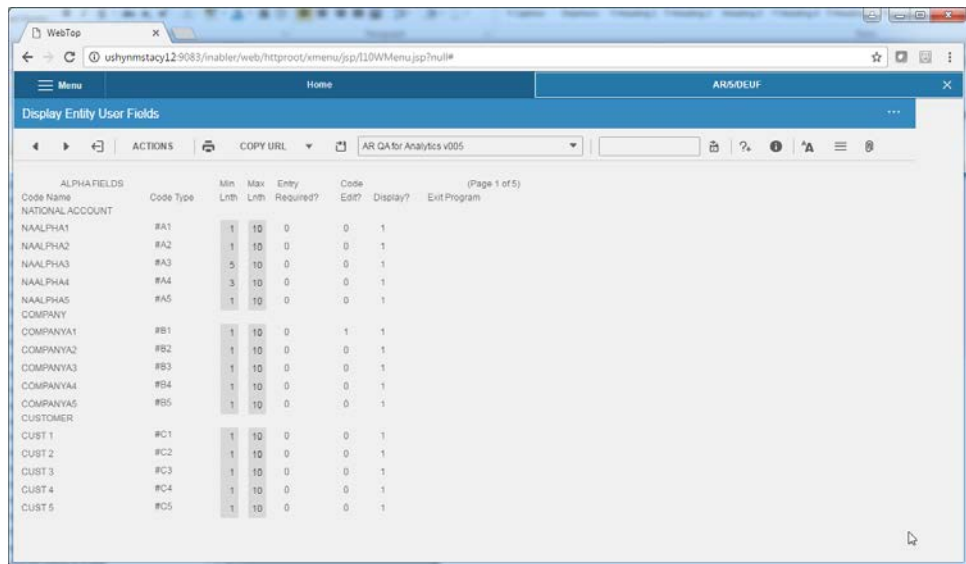


Figure 6-1: Application screen showing customization icons

## Assign the Role of Web Designer Admin

WebTop decoration can be done at two levels: User and ALL. By default, all changes by a User are for just that logged on user. A role of Web Designer Admin must be assigned to provide the ability to make designer modifications for ALL users.

To grant the role of Web Designer Admin:

1 Add a row to the WebTop Properties file W3PPROP:

- For WebTop Server users accessing Infinium panels, the W3PPROP row takes the following form. Where 'INFINIUM' matches the context root for Infinium applications. Substitute the IBMi User Name for the value 'UUUUU'. There is then a sequence number.

```
INFINIUM.UUUUU.ROLE.001=WEBDESIGNERADMIN
```

- For WebTop Server users accessing ERP Lx panels, the W3PPROP row takes the following form. Where 'BPCS' matches the context root for ERP Lx applications. Substitute the IBMi User Name for the value 'UUUUU'. There is then a sequence number.

```
BPCS.UUUUU.ROLE.001=WEBDESIGNERADMIN
```

2 End all jobs in the IWEBTOP subsystem for the given user. This is necessary as the fact that a logged-on user is or is not a Web Designer Admin is persisted at the job level.

Once these steps are completed, the next time the Change Font or Web Designer icons are selected, the dialog below is displayed so that the user with a role of Web Designer Admin can choose to apply the changes for the logged-on user or all users.

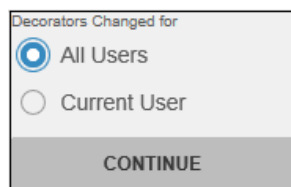




Figure 6-2: Decorates Changed for dialog

## 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.

- **Add Constant**

This action allows the addition of a constant.
- **Add Message ID**

This action allows the addition of a Message ID.
- **Adding attachments**

This action provides the ability to add an attachment rule for a field.
- **Create a business context**
  - This action allows an Infor business context message to be attached to an Infor Infinium panel.
  - One business context entity is published in the Infor business context message for each business context decorator and may contain a drill-back link to WebTop for that business entity.
  - Business context decorators function only when WebTop is accessed from Infor Ming.le Enterprise.

**Note:** Business context messages are supported only through an Infor Consulting Services engagement.

- **Bold**

Use this to change text to bold font.
  - **Button Action**

Use this to add a button that performs an action when clicked.
  - **Create a Context Application**
-

- This action allows an Infor Ming.le Enterprise context application message to be attached to an Infor Infinium panel.
- An example is an address on an Infor Infinium panel that is communicated to a Map context application so that the address location can be shown on the map.
- Context application decorators function only when WebTop is accessed from Infor Ming.le Enterprise.

**Note:** Context application messages are supported only through an Infor Consulting Services engagement.

- Add a Date widget

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.

- Job End

Use this action to define at what point WebTop should take control and close the process down returning to its caller.

- Long Running Job

Use this action to define this process as a long running job, such that it will not allow portal time-out to shut it down.

- Create a list box

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

- Option Field

Define a field as an Option field, which can then be used to display a set of subfile options.

- Create a program attachment
-



This action allows an exit point to be created and a program called using data from the current panel.

**Note:** Program attachments are supported only through an Infor Consulting Services engagement.

- Prompt

Add a prompt to a field to display and enable the use of the prompt icon.

- Right Adjust

This action allows the text in the input to be right-adjusted by the framework.

- 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.

- Required

This action allows the field to be marked as Required by placing the required indicator on the field.

- Create a script decorator

This action allows definition of JavaScript code that is executed when the page is displayed.

**Note:** Script decorators are supported only through an Infor Consulting Services engagement.

- Create a text box

This action provides a text box for a field.

- 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.

- 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 6-3.



Figure 6-3: 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.
-

### 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.

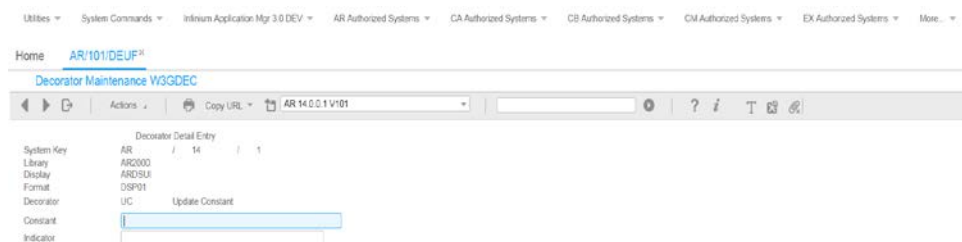


Figure 6-4: Update Constant Decorator Maintenance screen

- 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.

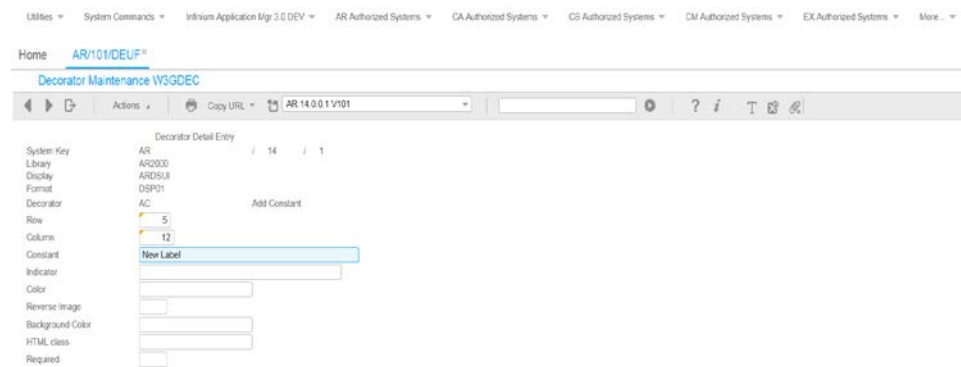


Figure 6-6: Add Constant Decorator Maintenance screen

- 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.

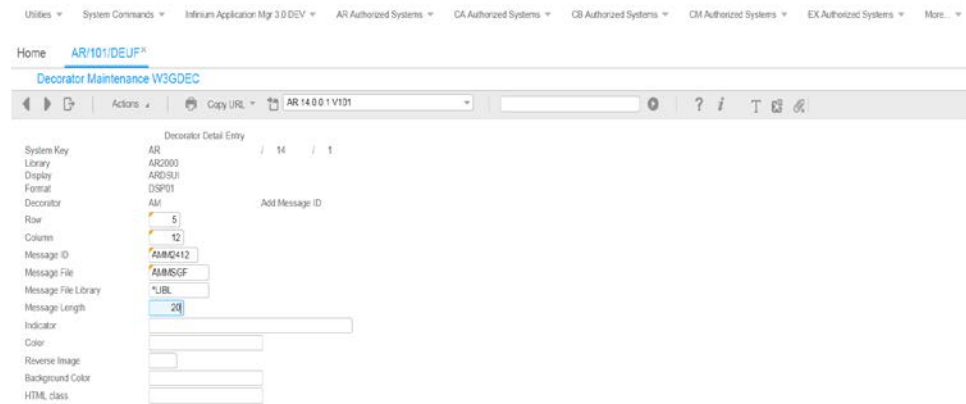


Figure 6-7: Add Message ID Decorator Maintenance screen

- 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: Attachment 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.

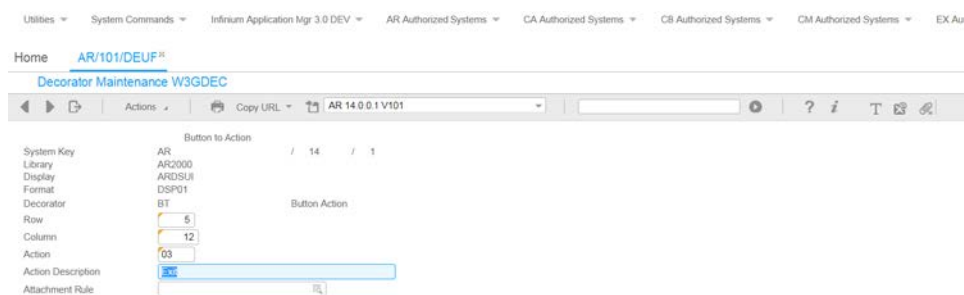


Figure 6-9: Button Action Decorator Maintenance screen

- 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.
-

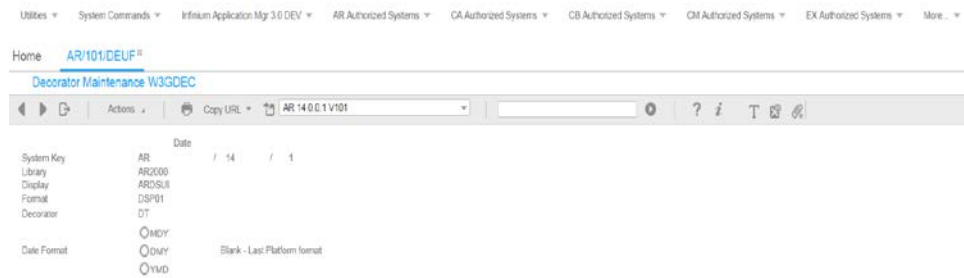


Figure 6-10: Date Decorator Maintenance screen

### 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 Long Running Job

Follow the steps below to add a Long Running Job decorator.

- 1 On an application screen, click the Designer Mode icon on the application toolbar.
  - 2 Select any field.
  - 3 Right-click. The system displays a list of actions.
  - 4 Select Long Running Job. The system displays the input page for Long Running Job.
-

- 5 The only input is Value. Key in the value. The value in this case is the value of the selected field that when equal you would like the Long Running Job decorator to activate. You may also type \*ALL as the value.
- 6 Press Enter. You are returned to the application page. You are still in designer mode.
- 7 Click the Designer Mode icon to deactivate designer mode.
- 8 Click Exit from Actions to exit to the application screen.

### Reversing the Long Running Job

Follow the steps below to reverse the Long Running Job decorator.

- 1 On an application screen, click the Designer Mode icon on the application toolbar.
- 2 Select appropriate field.
- 3 Right-click. The system displays a list of actions.
- 4 Select Long Running Job. The system displays the Long Running Job Decorator definition.
- 5 Select Actions and click F22=Delete or press F22 from the keyboard to delete. You are returned to the application page
- 6 Click the Designer Mode icon to deactivate designer mode.
- 7 Click Exit from Actions to exit to the application screen.

### Adding Job End

Follow the steps below to add Job End decorator.

**Note:** This decorator must be applied to the controlling format. To determine the controlling format, click the About icon on the page to which to add the Job End decorator. Clicking the “i” icon provides a popup that includes Active Format. Make certain that the Job End decorator that is added is added to the Active Format.

- 1 On an application screen, click the Designer Mode icon on the application toolbar.
  - 2 Select the field to add the Job End decorator.
-



- 3 Right-click. The system displays a list of actions.
- 4 Select Job End. The system displays the input page for Job End.
- 5 You are presented with five input fields. In these five inputs you type the actions that you would like to have applied to the given page to properly exit the page. For example, in SAA, standard F12 returns to the previous page and F3 exits the process. WebTop by default attempts F12 and then F3 when a page is closed outside of normal navigation. In cases where the actions to exit a page do not follow F12/F3, you can key those actions in to the Job End decorator definition. Your page may use F1 to exit or F12 and then Enter. Valid entries here are ENTER and F1 through F24.
- 6 Press Enter. You are returned to the application page. You are still in designer mode.
- 7 Click the Designer Mode icon to deactivate designer mode.
- 8 Click Exit from Actions to exit to the application screen.

## Reversing the Job End

Follow the steps below to reverse the Job End decorator.

- 1 On an application screen, click the Designer Mode icon on the application toolbar.
- 2 Select the appropriate field.
- 3 Right-click. The system displays a list of actions.
- 4 Select Job End. The system displays the Job End Decorator definition.
- 5 Select Actions and click F22=Delete or press F22 from the keyboard to delete. You are returned to the application page
- 6 Click the Designer Mode icon to deactivate designer mode.
- 7 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.
-

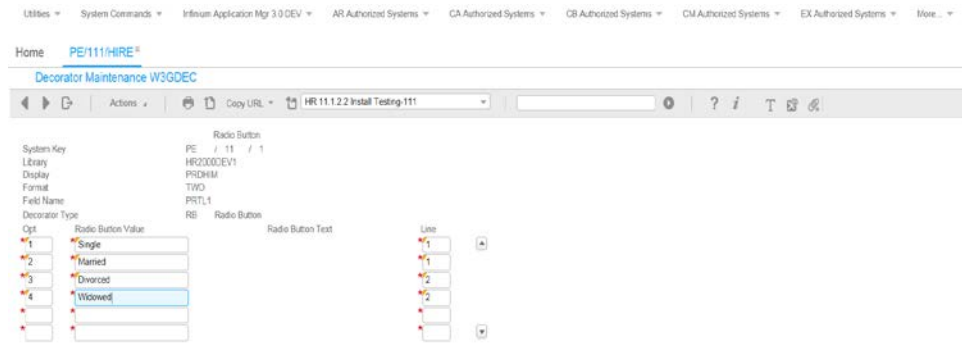


Figure 6-13: Radio Button Decorator Maintenance screen

- 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.

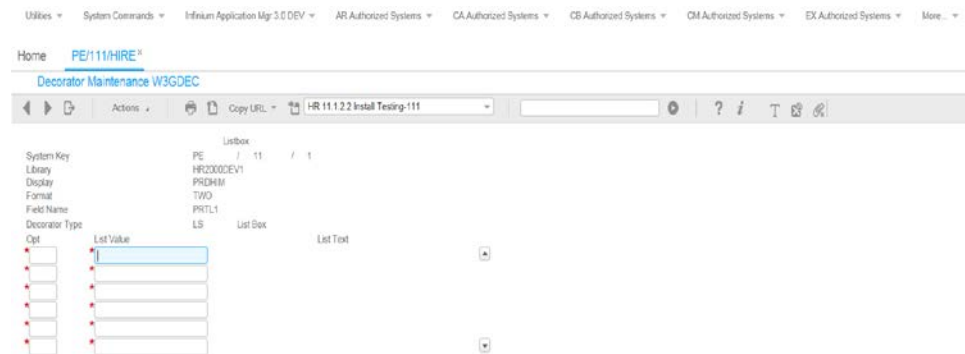


Figure 6-14: List Box Decorator Maintenance screen

- 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 checkbox. The system displays the screen shown in Figure 6-15.

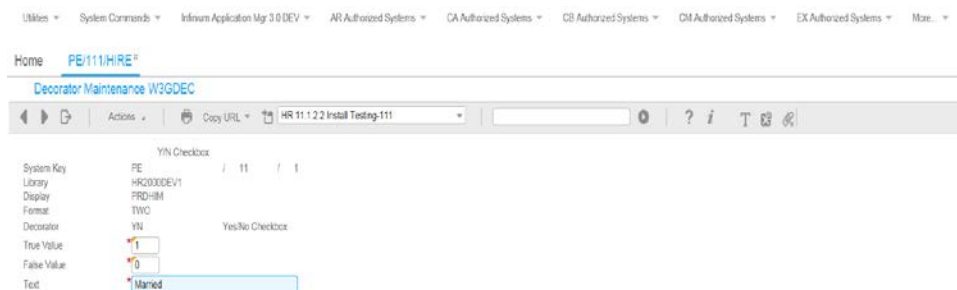


Figure 6-15: Yes/No Checkbox Decorator Maintenance screen

- 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 the WebTop File Maintenance menu. Select Attachment Rule Maintenance from the menu. A screen that lists existing attachment rules is displayed.
-



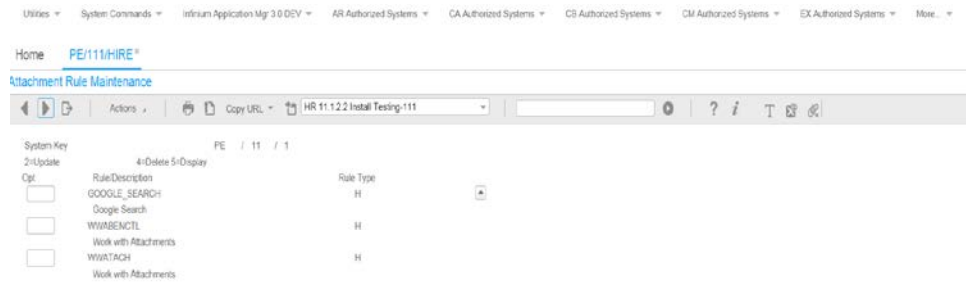


Figure 6-16: Attachment Rule Maintenance selection screen

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.

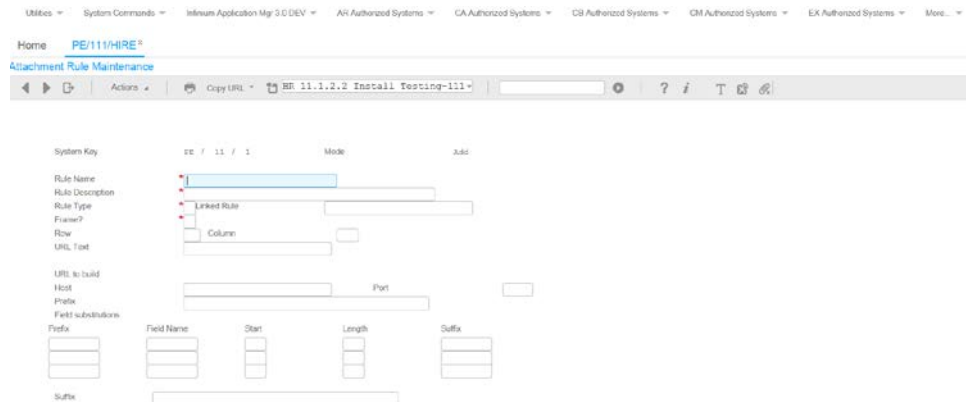


Figure 6-17: Attachment Rule Maintenance screen

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.

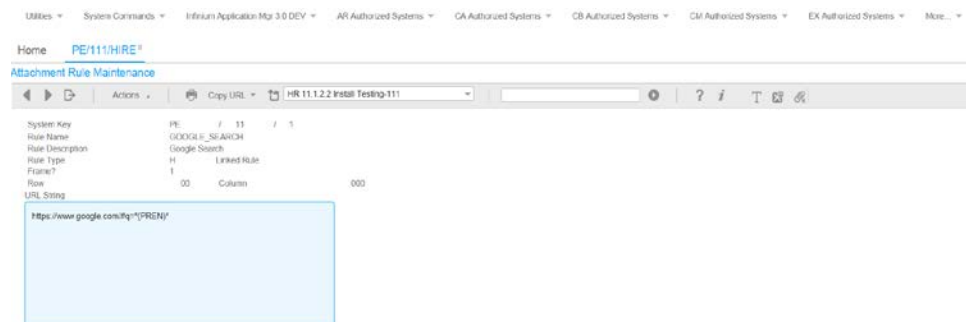


Figure 6-18: Attachment Rule Maintenance override screen

- 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.

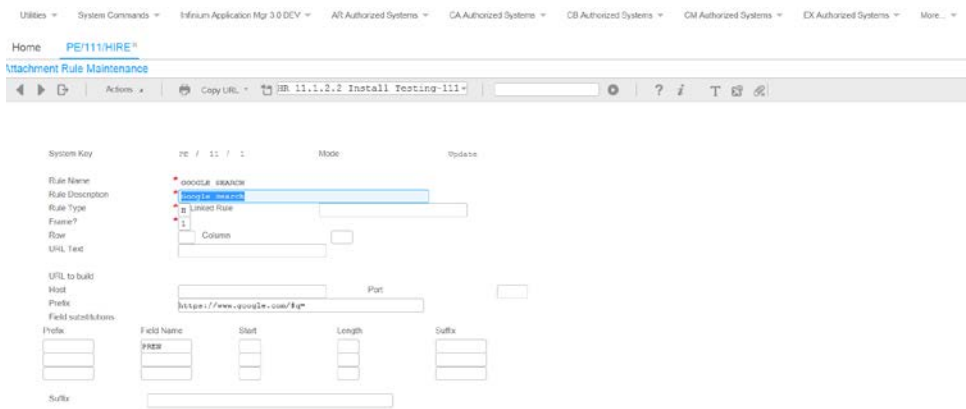


Figure 6-19: Attachment Rule Maintenance screen for an absolute URL

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.

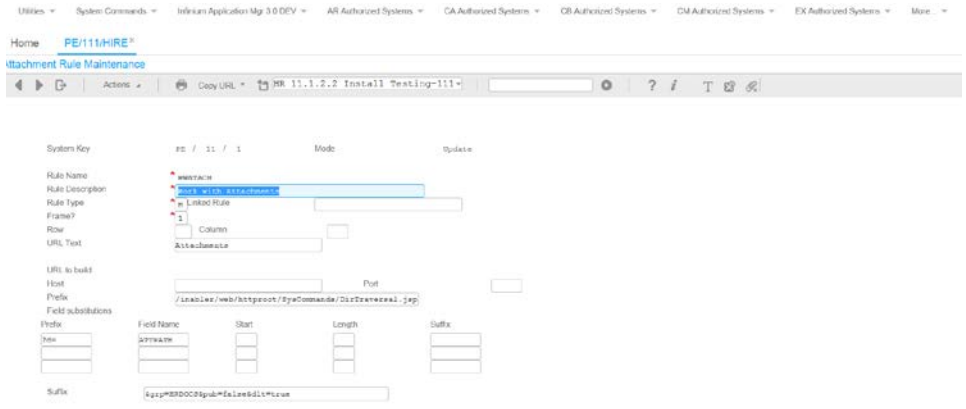


Figure 6-20: Attachment Rule Maintenance screen for a relative link

## Notes