

# **Tailoring Maximo v.6 Using Application Designer**



This document and its publication do not constitute or create a contract. MRO Software, Inc. makes no warranties, express or implied, as to the accuracy or completeness of this document or with respect to the related software.

© 2005 MRO Software, Inc. All rights reserved. This document contains confidential and trade secret information of MRO Software, Inc. Use, transfer, disclosure, or copying without MRO Software, Inc.'s express written permission is strictly forbidden.

**Patents:** United States Patent Nos. 6,324,522 B2, 6,519,588 B1, and Aust. Pat. No. 758001. Multiple foreign patents pending.

**U.S. Restricted Rights:** If Customer is a government agency, Customer acknowledges and agrees that the Licensed Software is provided with RESTRICTED RIGHTS. Subparagraph (c)(1)(ii) of The Rights in Technical Data and Computer Software clause at 252.227-7013 of the Department of Defense FAR Supplement and FAR clause 52.227-19 entitled Commercial Computer Software Restricted Rights, apply and use, duplication, or disclosure by the Government is subject to restrictions as set forth in this Agreement. The aforementioned restrictions shall prevail over any similar "Rights" provisions under the laws of any country. Contractor/Manufacturer: MRO Software, Inc., 100 Crosby Drive, Bedford, MA 01730.

**Trademarks:** Maximo® is a registered trademark of MRO Software, Inc. The following table contains a list of MRO Software's trademarks and service marks:

Maximo® Enterprise Maximo® Enterprise/SP Maximo® Enterprise IT Maximo® Asset Center Maximo® Service Center Maximo® Discovery Maximo® Enterprise IT/SP	Maximo® SLA Manager Maximo® Navigator Maximo® Project Manager Maximo® Calibration Maximo® Enterprise Adapter Maximo® Fusion	Maximo® OCS Maximo® Mobile Suite Maximo® Mobile Auditor Maximo® Mobile Inventory Manager Maximo® Mobile Work Manager Maximo® Mobile Calibration
---	--	--

IBM® and WebSphere® are registered trademarks of IBM Corporation. WebLogic® is a registered trademark of BEA Systems, Inc. Broadvision® and related marks are registered trademarks or trademarks of Broadvision, Inc. webMethods® is a registered trademark of webMethods, Inc. Snowbound™ and RasterMaster™ are trademarks of Snowbound Software Corporation. Syclo® and Agency® are registered trademarks of Syclo, LLC.

Other products and brand names are trademarks or registered trademarks of their respective companies.

**Third-Party Technology:** Certain MRO Software, Inc. products contain technology provided under license from third parties, as noted in the following table:

MRO Software Products	Third-Party Information
Maximo	Portions © 1995-2004 Actuate Corporation. Portions © 2003 BEA Systems, Inc. BEA WebLogic® Server™ provided by BEA Systems, Inc. Portions © 1996-2004 IBM Corporation. IBM® WebSphere® provided by IBM Corporation. Portions © 1996-2005, i-net software GmbH.
All Products	Portions © 1996-2003 Visual Mining, Inc. Visual Mining™ NetCharts Server™ provided by Visual Mining, Inc.
Maximo Discovery	©1988-2004 Centennial Software Limited. MSDE Copyright © Microsoft Corporation.
Maximo Navigator	Portions © 1993-2002 Snowbound Software Corporation. RasterMaster™ Raster imaging technology provided by Snowbound Software Corporation. Portions © 1989-1998 Cimmetry Systems, Inc.
Maximo Mobile Suite	Portions © 2002 -2003 Syclo LLC.

**Open Source:** Maximo contains computer software obtained from the public domain, known as "Open Source". A complete listing of all Open Source contained in Maximo may be viewed at <http://www.mro.com/support/opensource>, ownership of which is attributed as follows: Portions © 2005, International Business Machines Corporation and others. Portions © 2002, Steve Souza (admin@jamonapi.com). Portions © 2000 by Jef Poskanzer ([jef@acme.com](mailto:jef@acme.com)). Portions © 2000-2004 Jason Hunter & Brett Mclaughlin. Portions © 2004-2005, The Apache Software Foundation (<http://www.apache.org/>). All Rights Reserved.

# maximo®

## Tailoring Maximo v.6 Using Application Designer

Rel. 6.0 10/2005

Part Number MED0153

**mro software™**

make it all count

100 Crosby Drive, Bedford MA 01730 (781) 280-2000  
<http://www.mro.com>





# MXES Curriculum for EAM

Current as of: September 2005

**For updates on Training Info, Course Descriptions, and Course Availability, please contact:**

**E-mail:** [TrainSVC@mro.com](mailto:TrainSVC@mro.com)  
**Fax:** 781.280.2201  
**Web:** <http://www.mro.com/corporate/mroservices/training/>

**Key**



*Instructor-Led Training*



*Virtual Classroom Training*

**Foundation**

<u>Course #</u>	<u>Course Name</u>	<u>Length</u>	<u>Delivery Options</u>	<u>Prerequisites</u>
MED0138	MXES Navigation & Querying	½ day, or 3-hr virtual		None

**Upgrade**

<u>Course #</u>	<u>Course Name</u>	<u>Length</u>	<u>Delivery Options</u>	<u>Prerequisites</u>
MED0136	MXES for EAM - New Features	3 days		None ( <i>Note:</i> for users upgrading from Maximo 5)

**Implementation**

<u>Course #</u>	<u>Course Name</u>	<u>Length</u>	<u>Delivery Options</u>	<u>Prerequisites</u>
MED0146	MXES Immersion Training for EAM	5 days		MXES Navigation & Querying

**End-User / Functional**

<u>Course #</u>	<u>Course Name</u>	<u>Length</u>	<u>Delivery Options</u>	<u>Prerequisites</u>
MED0137	System Administration for MXES	3 days		MXES Navigation & Querying
MED0139	Inventory Management Using MXES	3 days		MXES Navigation & Querying
MED0143	Work Management Using MXES	4 days		MXES Navigation & Querying
MED0148	EAM Workflow Management Using MXES	5 days		MXES Immersion Training for EAM ( <i>Note:</i> Extensive hands-on Maximo experience preferred)
MED0150	Purchasing with MXES	2 days		MXES Navigation & Querying





# MXES Curriculum for ITSM / ITAM

Current as of: September 2005

**For updates on Training Info, Course Descriptions, and Course Availability, please contact:**

**E-mail:** [TrainSVC@mro.com](mailto:TrainSVC@mro.com)  
**Fax:** 781.280.2201  
**Web:** <http://www.mro.com/corporate/mroservices/training/>

**Key**



*Instructor-Led  
Training*



*Virtual Classroom  
Training*

## Foundation

<u>Course #</u>	<u>Course Name</u>	<u>Length</u>	<u>Delivery Options</u>	<u>Prerequisites</u>
MED0138	MXES Navigation & Querying	½ day, or 3-hr virtual		None

## Implementation

<u>Course #</u>	<u>Course Name</u>	<u>Length</u>	<u>Delivery Options</u>	<u>Prerequisites</u>
MED0149	MXES Immersion Training for IT	5 days		MXES Navigation & Querying
MED0145	Implementing ITIL with MXES	1 day		

## End-User / Functional

<u>Course #</u>	<u>Course Name</u>	<u>Length</u>	<u>Delivery Options</u>	<u>Prerequisites</u>
MED0141	IT Service Management Using MXES	3 days		MXES Navigation & Querying
MED0142	IT Asset Configuration & Management in MXES	2 days		MXES Navigation & Querying
MED0137	System Administration for MXES	3 days		MXES Navigation & Querying
MED0150	Purchasing with MXES	2 days		MXES Navigation & Querying





## Table of Contents

---

### Tailoring Maximo v.6 Using Application Designer

Course Overview .....	1
Course Goals and Objectives .....	2
Course Organization .....	4
Typographical Conventions .....	6
The Application Designer User Interface .....	8
The Application Designer Work Area .....	11
Scenarios .....	17
Configuring the Database .....	19
Using the Application Designer .....	30
Cloning an Application .....	43
Creating a New Application with Database Configuration .....	55
Creating a New Power Application—Layout .....	67
Creating a New Power Application—Fields .....	78
Customizing the Application .....	93
Modifying the List Tab .....	122
Finishing the Power Application .....	127
Exporting/Importing an Application .....	131
Deleting a User-Created Application .....	134
Summary .....	135
Workshop .....	138

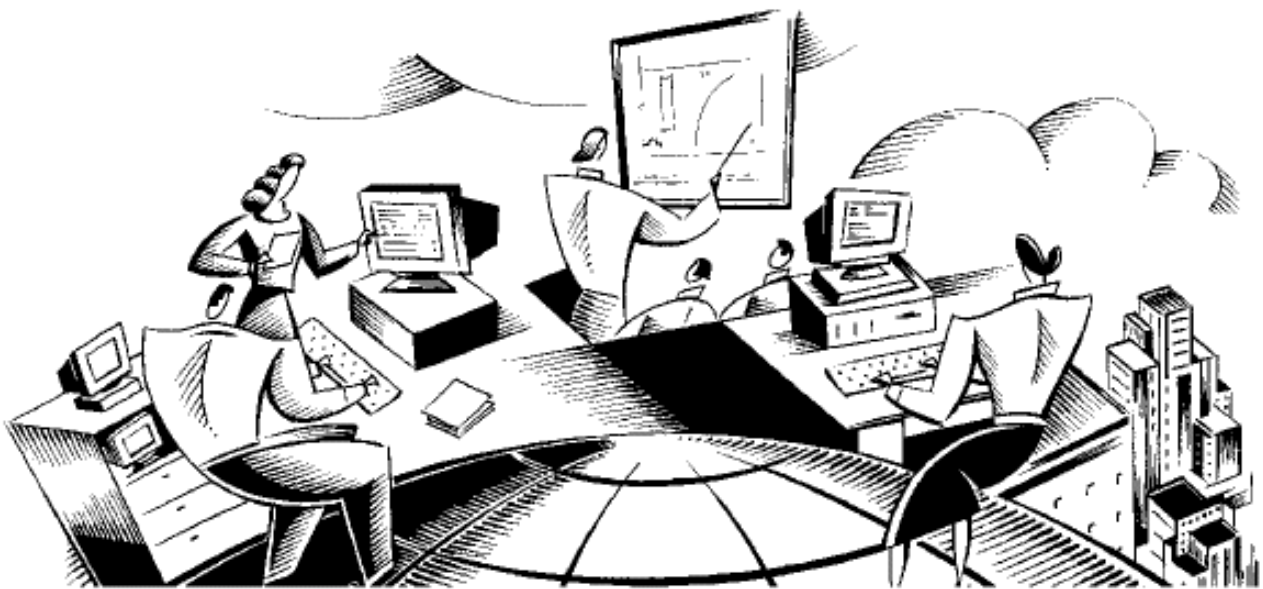
---

**Table of Contents** continued

---

# Tailoring Maximo v.6 Using Application Designer

## Tailoring Maximo v.6 Using Application Designer





## Course Overview

---

### Introduction

Welcome to the *Tailoring Maximo v.6 Using Application Designer* (MED0153) course.

The Maximo Application Designer is a WYSIWYG editing environment for managing, editing, and creating applications and user interfaces of Maximo by leveraging a component-based approach to building user interfaces as introduced in Maximo.

When you have completed this class, you should be able to use the Maximo Application Designer for most customizations.

---

### Overview

This course covers the Maximo Application Designer application.

---

### Audience

This course is intended for anyone involved in tailoring Maximo v.6.

---

### Key Information

While working through exercises in this course, to access Maximo, you will need the following information:

**Maximo URL:** \_\_\_\_\_.

**Maximo User Name:** \_\_\_\_\_.

**Maximo Password:** \_\_\_\_\_.

**Assigned Student Number:** \_\_\_\_\_.

**Database Instance (if applicable):** \_\_\_\_\_.

Your instructor will provide this information.

Please write the information in these spaces.

---

### Course Prerequisites

The prerequisites for this course are as follows:

- Course MED0137: *System Administration for Maximo v.6*
-

## Course Goals and Objectives

---

**Course Goal**            The goal of this course is to enable you to understand and use the Application Designer to customize Maximo applications.

---

**Learning Objectives**

When you have completed this course, you should be able to:

- Navigate the Application Designer application
  - Add a new control to an existing application
  - Add a new control for a crossover domain
  - Clone an application
  - Modify a cloned application
  - Create a power application
  - Create sections in an application
  - Create section rows in an application
  - Create section columns in an application
  - Add controls to an application
  - Add Signature Security options to an application
  - Add Select Action menu items to an application
  - Add Toolbar buttons to an application
  - Create a Search menu in an application
  - Modify the List tab of an application
  - Grant access to an application
  - Export an application
  - Import an application
  - Delete a user-created application
- 

continued on next page

## Course Goals and Objectives continued

---

### Your Learning Objectives



Now that you understand the basic objectives for the course, it is most important that you define the learning objectives *you* bring to the course. We want to make sure that these are clearly stated, mutually understood, and achieved.

List your objectives in the space below. We will conclude the course by asking you whether you have met your objectives. If you have not, we will then address your questions and unmet objectives.

•

•

•

•

•

•

•

•

---

## Course Organization

---

**In This Training** This training contains the following topics:

Topic	See Page
Course Overview	1
Course Goals and Objectives	2
Course Organization	4
Typographical Conventions	6
The Application Designer User Interface	8
The Application Designer Work Area	11
Scenarios	17
Configuring the Database	19
Using the Application Designer	30
Cloning an Application	43
Creating a New Application with Database Configuration	55
Creating a New Power Application—Layout	67
Creating a New Power Application—Fields	78
Customizing the Application	93
Modifying the List Tab	122
Finishing the Power Application	127
Exporting/Importing an Application	131
Deleting a User-Created Application	134
Summary	135
Workshop	138

---

### Notes Page

A notes page is provided at the end of this course book. You can use this page to capture information specific to your situation, or important points covered in class discussions.

---

continued on next page



## Course Organization continued

---

### **Special Note:** **Shared vs.** **Independent** **Databases**



- Throughout this course there could be up to 20 participants accessing the same database. If you are *sharing* a single database, your instructor will assign you a two-digit student number (for example, 01–20) to avoid confusion and/or conflicting records in the database.

Some exercises throughout this course will have an *xx* appended to data entry items. Whenever an *xx* is appended, substitute your assigned student number for the *xx*.

- If you are taking this course in an *independent*-database environment—that is, your database is independent from other students' databases and the instructor's database—student numbers are unnecessary. You can simply do the exercises using the records indicated, without adding a student number.

If you are not sure whether you are sharing a database, check with your instructor.

---

## Typographical Conventions

---

### Introduction

We use a number of typographical conventions and icons in our course books.

---

### Conventions Used in Course Materials

Here are some of the conventions you will see most frequently in the course materials:

Convention	Usage	Example
<i>Italics</i>	Introduces or emphasizes a term	A <i>system</i> is a single instance of a Maximo database.
<b>Boldface</b>	Indicates that the word or phrase names a menu item, field, button, or keyboard key	From the <b>Go To</b> drop-down menu, select <b>Administration</b> .
Arial font	Indicates that this is text you type into a field	Type ASSET_NDX8 in this field.
Courier font	Indicates programming code, a system message, or part of a screen display	Maximo displays the following message:  Work order 1000 status changed to APPR.











---

continued on next page

## Typographical Conventions continued

### Icons

You will see several icons throughout this student guide. This table explains what they mean.

This icon...	Indicates...
	A procedure that you will practice on your own or with guidance from an instructor
	A paper-and-pencil exercise
	A special note or reminder
	A warning or cautionary note
	A question-and-answer session with the instructor, or a group discussion
	Your role in the next exercise is changing, e.g., from manager to user
	The data you are being asked to enter will be used in another exercise
	A challenge question or exercise
	An industry best practice, tip, or suggestion
	A recording that provides additional course content is available

## The Application Designer User Interface

---

### Introduction

The Application Designer provides a user interface-based environment for configuring Maximo applications to meet the user's specific business needs and requirements.

The ease of use of the Application Designer enables both technical and non-technical users to configure Maximo applications without editing a line of code. The drag-and-drop feature in the Application Designer further simplifies the process of editing applications.

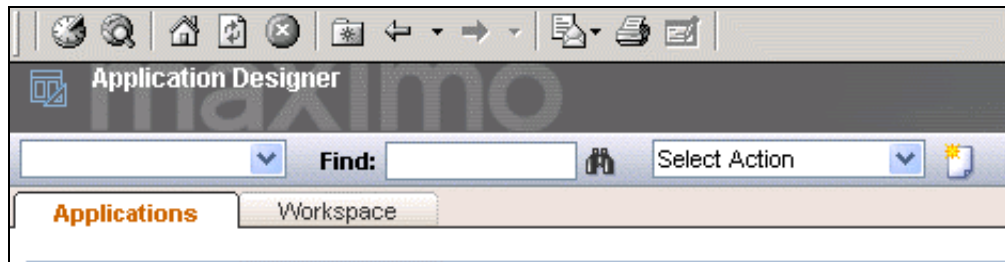
Some of the common modifications the user can make with the Application Designer are moving fields and sections, and creating new fields, tables, and tabs. Other advanced capabilities are creating or duplicating applications, editing dialog boxes, defining signature options, and editing the Toolbar or the Select Action menu.

---

### Application Designer Tabs

The Application Designer has the following tabs:

- Applications tab
- Workspace tab



continued on next page

## The Application Designer User Interface continued

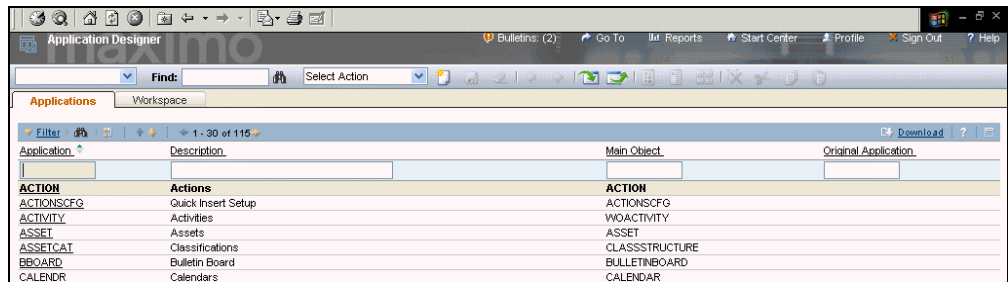
### The Applications Tab

The Application Designer opens on the **Applications** tab. This tab lists all of the applications available to the user.

The list of available applications is determined by the user's profile, which is determined by:

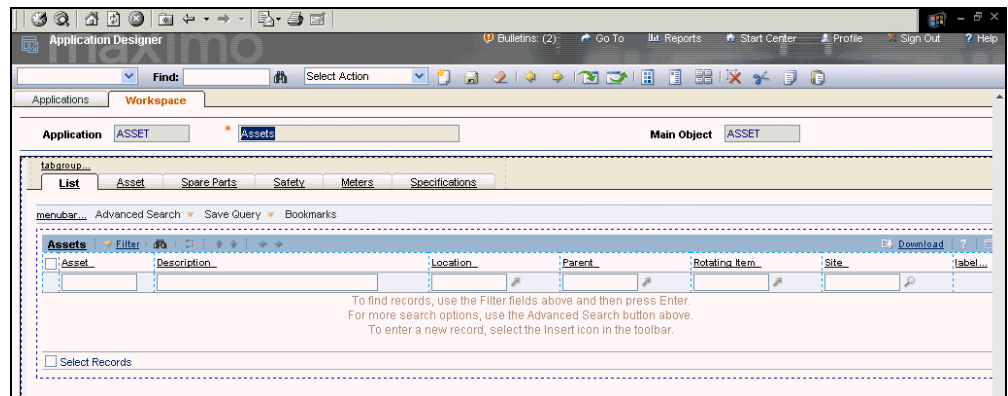
- the user's security group access (which will most likely be of the highest level), and
- the actual list of all applications.

Use the **Applications** tab to search for Maximo applications. You can use the filter fields in the table window to enter basic search criteria.



### The Workspace Tab

Use the **Workspace** tab to configure the selected Maximo application. When you select an application on the Applications tab, the selected application opens on the Workspace tab.



continued on next page

## The Application Designer User Interface continued

---

### Before Using the Application Designer

Before you begin using the Application Designer for configuring Maximo applications, please consider the following recommendations:

- For best results, set the resolution of the machine that you use to access the Application Designer to 1280x1024. This, however, is not a requirement. Setting the resolution to 1280x1024 gives you more screen space with minimal scrolling. This avoids cluttering of the application area and makes configuration easier as the floating dialog boxes, used for configurations, can reside outside of the application area.
- Employ three separate environments—development, staging, and production—for making configurations in the Application Designer.

The *development* environment is your individual dedicated system where you make the necessary configurations. The *staging* environment is the server machine where all the configurations are merged and tested to verify the configurations. After you have finished configuring and testing, you can migrate all the changes to the *production* environment.

This approach ensures that no configurations are made to the Maximo applications directly on the production environment. The development and staging environments serve as a test bed to make your configurations and to verify them before going live on the production environment.

---

### Rules

The following rules apply when using the Application Designer application:

- Only one user can edit an application. When a user selects an application to edit, Maximo places a lock on it that designates the entire application as untouchable. The lock contains the name of the user editing it. If another user in Application Designer selects a locked application from the List tab, they will get a message indicating that the selected application is being used in Application Designer by user *username*.
  - The data source and associated objects for new applications must be created in the Database Configuration application before you create screens in the Application Designer application.
  - Only custom or cloned applications can be deleted.
  - Changes to each application will take effect in only one of the following ways, depending on the nature of the change:
    - Immediately,
    - After browser refresh,
    - After browser shutdown and restart, or
    - After shutdown and restart of the Maximo Server.
-

## The Application Designer Work Area

---

### About the Workspace Tab

The **Workspace** tab of the Application Designer is the work area for configuring the Maximo applications. When an application is opened on the Workspace tab, a box surrounds the application, identifying its boundaries.

The Application Designer's **Navigation Bar** and **Toolbar** are above the workspace, at the top of the screen.

The top section of the Workspace tab displays the header information, including the application name, the description, and the object to which the application is bound.

The Application Designer's **Select Action** menu allows you to configure toolbar buttons, signature options, the search menu, and menu items in the Select Action menu for the Maximo application. It allows you to view and hide certain controls of an application. It also allows you to view the system-level XML files.

After an application is loaded into the workspace, the drag-and-drop functionality allows you to easily configure your application. You can drag and drop controls (such as fields, check boxes, or sections) within the application as well as from the Controls dialog box.

You can use the **Control Palette**, the **Control Properties** floating dialog box, and the **Editing** dialog boxes for configuring your application. These dialog boxes can be moved anywhere in the work area.

The Control Palette lets you add controls to an application and the Control Properties lets you modify properties of controls.

Controls can be dragged from the Control Palette and dropped onto the application. The Control Properties dialog box displays the attributes and values of the highlighted control.

Any control that you drag needs to be dropped on top of another control. When a control is dragged within an application or from the Control Palette, the exact location where the control will be dropped is highlighted. When you cannot place a control inside another control, Maximo displays a message box informing you that the action is not allowed.

---

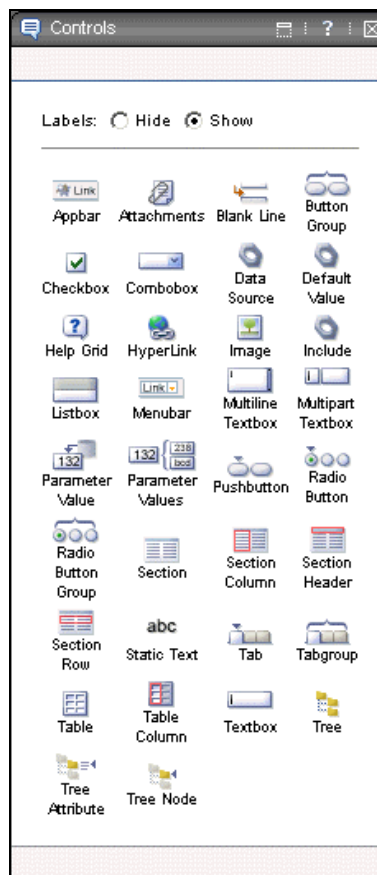
continued on next page

## The Application Designer Work Area continued

### The Control Palette

The **Controls** floating dialog box contains the controls that you use to configure a Maximo application. These controls are dragged from the Controls dialog box and dropped onto the application work area. The Controls dialog box can be moved anywhere in the work area.

Controls are always dropped on top of another control. When you drag a control from the Controls dialog box, the target control in the work area is highlighted. If you are not allowed to drag a specific control on top of another control, after trying to drop the control, Maximo displays a message box informing you that the action is not allowed.



Note: To view the control's labels, just select the **Show** option.











continued on next page



## The Application Designer Work Area continued

### Available Controls

The following table shows the controls that are available from the Controls dialog box, along with a description of what each control does.











Control	Control Name	Control Function
 Appbar	APPBAR	A container that displays all the applications belonging to the current module at the top of the screen, except for the currently displayed application.
 Attachments	ATTACHMENTS	Allows you to attach different types of information to a Maximo record, including images, spreadsheets, and Web pages.
 Blank Line	BLANKLINE	Inserts white space in a section.
 Button Group	BUTTONGROUP	A container for adding buttons.
 Checkbox	CHECKBOX	An HTML check box.
 Combobox	COMBOBOX	Combo box (drop-down) functionality.
 Data Source	DATASOURCE	Use for the data source.
 Default Value	DEFAULTVALUE	Forces a default value for a control that resides within a container.
 Help Grid	HELPGRID	Help text displayed in dialog boxes.
 HyperLink	HYPERLINK	A hyperlink that supports both text and graphics.

continued on next page

## The Application Designer Work Area continued

### Available Controls

continued











Control	Control Name	Control Function
 Image	IMAGE	Allows you to insert an image.
 Include	INCLUDE	Use to determine what to include.
 Listbox	LISTBOX	A drop-down menu that is always open, displaying dynamic contents.
 Menubar	MENUBAR	A menu bar that contains signature options for the Search, Query, and Bookmark menus.
 Multiline Textbox	MULTILINETEXTBOX	Text input box with multiple lines.
 Multipart Textbox	MULTIPARTTEXTBOX	Two text boxes next to each other, one for entering text and the other for entering a description.
 Parameter Value	PARAMVALUE	Dynamic values that reside within a section header.
 Parameter Values	PARAMVALUES	A container for the Paramvalue control to be used in sections and table windows.
 Pushbutton	PUSHBUTTON	Individual buttons that belong to the button group.
 Radio Button	RADIOBUTTON	An individual radio button that belongs to the radio button group.
 Radio Button Group	RADIOBUTTONGROUP	A container for radio buttons.

continued on next page

## The Application Designer Work Area continued

### Available Controls

continued




Control	Control Name	Control Function
 Section	SECTION	A section container for adding controls such as fields, buttons, combo boxes, and check boxes.
 Section Column	SECTIONCOL	A column in a section. This control can be used only in a row within a section.
 Section Header	SECTIONHEADER	A container to label a section or a table window, with provisions for dynamic values in its label.  This control contains the Paramvalues control, which in turn contains the Paramvalue control.
 Section Row	SECTIONROW	A row in a section.
 abc Static Text	STATICTEXT	Informational text that is displayed in the application.
 Tab	TAB	An individual tab in a tab group.
 Tabgroup	TABGROUP	A container for adding tabs.
 Table	TABLE	A container for a table window.
 Table Column	TABLECOLUMN	A container for a column in the table window.
 Textbox	TEXTBOX	A text input box with a single line.

continued on next page

## The Application Designer Work Area continued

### Available Controls

continued

Control	Control Name	Control Function
 Tree	TREE	A container for a hierarchical structure.
 Tree Attribute	TREEATTRIBUTE	A value to describe the Tree Node control within the Tree control.
 Tree Node	TREENODE	A container for defining the child elements within the Tree control.

### Control Properties

You use the Properties dialog box to modify properties of controls.

The Properties dialog box displays all the attributes and assigned values of the highlighted control along with the name of the control. You can move the Properties dialog box anywhere in the work area.

After a value is modified in the Properties dialog box, the change takes effect when you move the focus to a another field in the Properties dialog box or highlight another control in the application work area.

## Scenarios

---

### Introduction

Listed in this section are the scenarios that we will use to demonstrate various Application Designer features and functionality you can use when customizing Maximo.

---

### Scenario 1: Value Lists

You have decided that it is a best practice for your organization to identify assets as being in a status of ACTIVE, PENDING, or INACTIVE.

You will need to do the following:

- Use the Domains application to create an ALN domain (a Value List).
  - Use the Database Configuration application to associate the new domain with an attribute.
  - Configure the database.
  - Use the Application Designer (Control Palette) to modify the UI by adding a text field with a drop-down list.
  - Use the Application Designer (Control Properties) to modify the new control.
- 

### Scenario 2: Crossover Domain

You have decided to add the supervisor of a requester onto an MR. You will be using a Crossover domain to add the supervisor of the requester to the MR.

You will need to do the following:

- Use the Domains application to create a Crossover domain.
  - Use the Database Configuration application to associate the new domain with an attribute.
  - Configure the database.
  - Use the Application Designer (Control Palette) to modify the UI by adding a text field with a drop-down list.
  - Use the Application Designer (Control Properties) to modify the new control.
- 

continued on next page

## Scenarios continued

---

### **Scenario 3: Duplicating (Cloning) an Application**

With Maximo, additional handling is required to create a work order (WO) from a service request (SR). You determine that, for your company, it would be a best practice to have a single application for work requests. A work request application is a simplified clone of the Work Order Tracking (WOTRACK) application.

We will clone the Work Order Tracking application, simplify it, and modify it as necessary for this purpose.

---

### **Scenario 4: Creating a New Application**

A decision has been made to capture information from a work order about the asset in a simple knowledge base. You have decided to create a new object in Maximo for your asset knowledge base. The new application will require you to create a new table domain, an object, and relationships, and to use the Application Designer to allow your end-users access to the new application.

---

## Configuring the Database

---

### Introduction

Before using the Application Designer application, you might need to configure the database. In this section, we will configure the database using the information from the scenarios for this training.

Note: Detailed information on both domains and database configuration is covered in the *System Administration for Maximo v.6* course (MED0137), a prerequisite.

---

### Revisiting Scenario 1: Value Lists

You have decided that it is a best practice for your organization to identify assets as being in a status of ACTIVE, PENDING, or INACTIVE.

In the following sets of exercises for Scenario 1, we will:

- use the Domains application to create an ALN domain (a Value List), and
  - use the Database Configuration application to create a new attribute and associate the new domain with the new attribute.
- 

### Creating an ALN Domain for Scenario 1

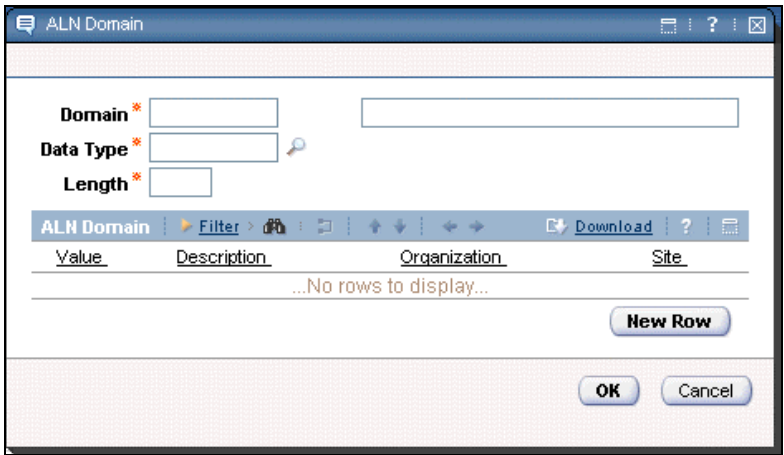
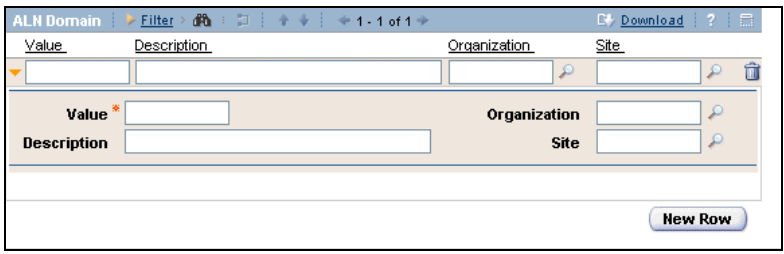
Use the following steps to create an ALN domain for Scenario 1.

Step	Action
1	<p>Open the <b>Domains</b> application and click the <b>Add New Domain</b> button.</p> <p><u>Result:</u> The Add New Domain button displays a menu.</p> <div data-bbox="773 1323 1221 1507" style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <p>Add New ALN Domain            Add New NUMERIC Domain            Add New NUMERIC RANGE Domain            Add New TABLE Domain            Add New CROSSOVER Domain</p> </div>

continued on next page

## Configuring the Database continued

### Creating an ALN Domain for Scenario 1 continued

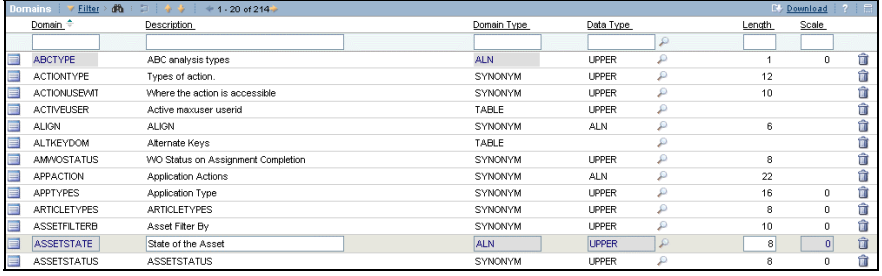
Step	Action										
2	<p>Click to select <b>Add New ALN Domain</b>.  <u>Result</u>: The ALN Domain dialog box opens.</p> 										
3	<p>Enter the following values:</p> <table border="1" data-bbox="511 1186 1006 1407"> <thead> <tr> <th><u>Field</u></th> <th><u>Value</u></th> </tr> </thead> <tbody> <tr> <td><b>Domain</b></td> <td>ASSETSTATE</td> </tr> <tr> <td><b>Description</b></td> <td>State of the Asset</td> </tr> <tr> <td><b>Data Type</b></td> <td>UPPER</td> </tr> <tr> <td><b>Length</b></td> <td>8</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Domain</b>	ASSETSTATE	<b>Description</b>	State of the Asset	<b>Data Type</b>	UPPER	<b>Length</b>	8
<u>Field</u>	<u>Value</u>										
<b>Domain</b>	ASSETSTATE										
<b>Description</b>	State of the Asset										
<b>Data Type</b>	UPPER										
<b>Length</b>	8										
4	<p>Click <b>New Row</b>.  <u>Result</u>: A new row opens, ready for data entry.</p> 										

continued on next page



## Configuring the Database continued

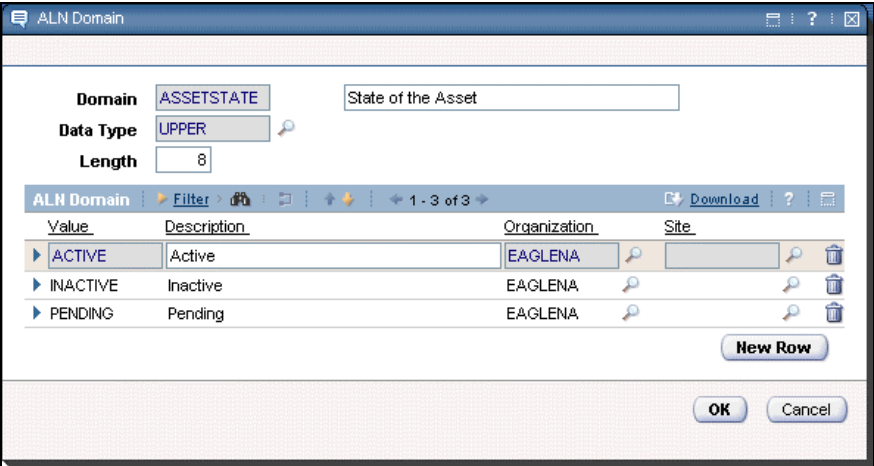
### Creating an ALN Domain for Scenario 1 continued

Step	Action																																																																																				
5	<p>Enter the following information:</p> <table border="1"> <thead> <tr> <th><u>Field</u></th> <th><u>Value</u></th> </tr> </thead> <tbody> <tr> <td><b>Value</b></td> <td>ACTIVE</td> </tr> <tr> <td><b>Description</b></td> <td>Active</td> </tr> <tr> <td><b>Organization</b></td> <td>EAGLENA</td> </tr> <tr> <td><b>Site</b></td> <td>[Leave blank]</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Value</b>	ACTIVE	<b>Description</b>	Active	<b>Organization</b>	EAGLENA	<b>Site</b>	[Leave blank]																																																																										
<u>Field</u>	<u>Value</u>																																																																																				
<b>Value</b>	ACTIVE																																																																																				
<b>Description</b>	Active																																																																																				
<b>Organization</b>	EAGLENA																																																																																				
<b>Site</b>	[Leave blank]																																																																																				
6	<p>Repeat steps 4 and 5, entering all of the following data:</p> <table border="1"> <thead> <tr> <th><u>Value</u></th> <th><u>Description</u></th> <th><u>Organization</u></th> </tr> </thead> <tbody> <tr> <td>PENDING</td> <td>Pending</td> <td>EAGLENA</td> </tr> <tr> <td>INACTIVE</td> <td>Inactive</td> <td>EAGLENA</td> </tr> </tbody> </table>	<u>Value</u>	<u>Description</u>	<u>Organization</u>	PENDING	Pending	EAGLENA	INACTIVE	Inactive	EAGLENA																																																																											
<u>Value</u>	<u>Description</u>	<u>Organization</u>																																																																																			
PENDING	Pending	EAGLENA																																																																																			
INACTIVE	Inactive	EAGLENA																																																																																			
7	<p>After you enter the last new row, click <b>OK</b>.</p> <p><u>Result:</u> The ALN Domain dialog box closes, saving your values.</p>  <table border="1"> <thead> <tr> <th>Domain</th> <th>Description</th> <th>Domain Type</th> <th>Data Type</th> <th>Length</th> <th>Scale</th> </tr> </thead> <tbody> <tr> <td>ABCTYPE</td> <td>ABC analysis types</td> <td>ALN</td> <td>UPPER</td> <td>1</td> <td>0</td> </tr> <tr> <td>ACTIONTYPE</td> <td>Types of action.</td> <td>SYNONYM</td> <td>UPPER</td> <td>12</td> <td></td> </tr> <tr> <td>ACTIONUSEMT</td> <td>Where the action is accessible</td> <td>SYNONYM</td> <td>UPPER</td> <td>10</td> <td></td> </tr> <tr> <td>ACTIVEUSER</td> <td>Active maxuser userid</td> <td>TABLE</td> <td>UPPER</td> <td></td> <td></td> </tr> <tr> <td>ALIGN</td> <td>ALIGN</td> <td>SYNONYM</td> <td>ALN</td> <td>6</td> <td></td> </tr> <tr> <td>ALTKEYDCM</td> <td>Alternate Keys</td> <td>TABLE</td> <td></td> <td></td> <td></td> </tr> <tr> <td>AMWOSTATUS</td> <td>WO Status on Assignment Completion</td> <td>SYNONYM</td> <td>UPPER</td> <td>8</td> <td></td> </tr> <tr> <td>APPACTION</td> <td>Application Actions</td> <td>SYNONYM</td> <td>ALN</td> <td>22</td> <td></td> </tr> <tr> <td>APPTYPES</td> <td>Application Type</td> <td>SYNONYM</td> <td>UPPER</td> <td>16</td> <td>0</td> </tr> <tr> <td>ARTICLETYPES</td> <td>ARTICLETYPES</td> <td>SYNONYM</td> <td>UPPER</td> <td>8</td> <td>0</td> </tr> <tr> <td>ASSETFILTERB</td> <td>Asset Filter By</td> <td>SYNONYM</td> <td>UPPER</td> <td>10</td> <td>0</td> </tr> <tr> <td>ASSETSTATE</td> <td>State of the Asset</td> <td>ALN</td> <td>UPPER</td> <td>8</td> <td>0</td> </tr> <tr> <td>ASSETSTATUS</td> <td>ASSETSTATUS</td> <td>SYNONYM</td> <td>UPPER</td> <td>8</td> <td>0</td> </tr> </tbody> </table>	Domain	Description	Domain Type	Data Type	Length	Scale	ABCTYPE	ABC analysis types	ALN	UPPER	1	0	ACTIONTYPE	Types of action.	SYNONYM	UPPER	12		ACTIONUSEMT	Where the action is accessible	SYNONYM	UPPER	10		ACTIVEUSER	Active maxuser userid	TABLE	UPPER			ALIGN	ALIGN	SYNONYM	ALN	6		ALTKEYDCM	Alternate Keys	TABLE				AMWOSTATUS	WO Status on Assignment Completion	SYNONYM	UPPER	8		APPACTION	Application Actions	SYNONYM	ALN	22		APPTYPES	Application Type	SYNONYM	UPPER	16	0	ARTICLETYPES	ARTICLETYPES	SYNONYM	UPPER	8	0	ASSETFILTERB	Asset Filter By	SYNONYM	UPPER	10	0	ASSETSTATE	State of the Asset	ALN	UPPER	8	0	ASSETSTATUS	ASSETSTATUS	SYNONYM	UPPER	8	0
Domain	Description	Domain Type	Data Type	Length	Scale																																																																																
ABCTYPE	ABC analysis types	ALN	UPPER	1	0																																																																																
ACTIONTYPE	Types of action.	SYNONYM	UPPER	12																																																																																	
ACTIONUSEMT	Where the action is accessible	SYNONYM	UPPER	10																																																																																	
ACTIVEUSER	Active maxuser userid	TABLE	UPPER																																																																																		
ALIGN	ALIGN	SYNONYM	ALN	6																																																																																	
ALTKEYDCM	Alternate Keys	TABLE																																																																																			
AMWOSTATUS	WO Status on Assignment Completion	SYNONYM	UPPER	8																																																																																	
APPACTION	Application Actions	SYNONYM	ALN	22																																																																																	
APPTYPES	Application Type	SYNONYM	UPPER	16	0																																																																																
ARTICLETYPES	ARTICLETYPES	SYNONYM	UPPER	8	0																																																																																
ASSETFILTERB	Asset Filter By	SYNONYM	UPPER	10	0																																																																																
ASSETSTATE	State of the Asset	ALN	UPPER	8	0																																																																																
ASSETSTATUS	ASSETSTATUS	SYNONYM	UPPER	8	0																																																																																

continued on next page

## Configuring the Database continued

### Creating an ALN Domain for Scenario 1 continued

Step	Action
8	<p>To view your results, click the <b>Edit Detail</b> button for the <b>ASSETSTATE</b> domain.</p> <p><u>Result:</u> Your Domain values should look similar to this.</p> 
9	Click <b>Cancel</b> to close the <b>ALN Domain</b> dialog box.

continued on next page

## Configuring the Database continued

### Creating a New Attribute for Scenario 1

Now that you have created the new domain, the next step is to create the new attribute and associate the new domain with the new attribute.

Use the following steps:


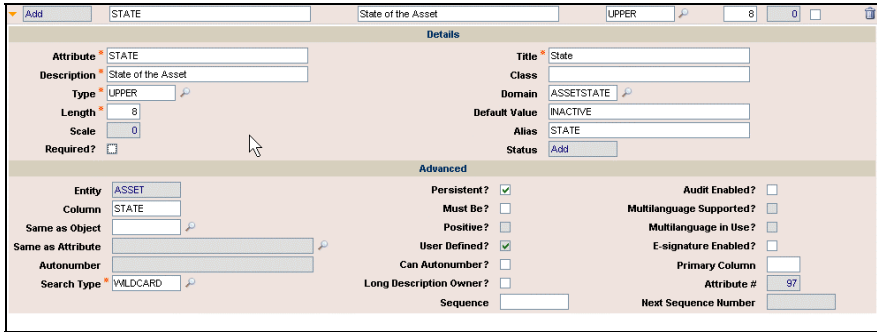

Step	Action
1	Open the <b>Database Configuration</b> application and select the <b>ASSET</b> object. <u>Result:</u> Maximo displays the ASSET object.
2	From the <b>Attributes</b> tab, click <b>New Row</b> . <u>Result:</u> Maximo opens the details for a new attribute. <div data-bbox="561 821 1430 1146" style="border: 1px solid black; padding: 5px; margin-top: 10px;"> </div>

continued on next page

## Configuring the Database continued

### Creating a New Attribute for Scenario 1

continued

Step	Action																
<p>3</p> 	<p>Enter the following information, and then <b>save</b> your record:</p> <table border="0"> <thead> <tr> <th><u>Field</u></th> <th><u>Value</u></th> </tr> </thead> <tbody> <tr> <td>Attribute</td> <td>STATE</td> </tr> <tr> <td>Description</td> <td>State of the Asset</td> </tr> <tr> <td>*Type</td> <td>UPPER</td> </tr> <tr> <td>Length</td> <td>8</td> </tr> <tr> <td>Title</td> <td>State</td> </tr> <tr> <td>*Domain</td> <td>ASSETSTATE [Use Select Value]</td> </tr> <tr> <td>Default Value</td> <td>INACTIVE</td> </tr> </tbody> </table> <p>*<u>Note</u>: The <b>Domain</b> Type must match the <b>Attribute</b> Type.</p>	<u>Field</u>	<u>Value</u>	Attribute	STATE	Description	State of the Asset	*Type	UPPER	Length	8	Title	State	*Domain	ASSETSTATE [Use Select Value]	Default Value	INACTIVE
<u>Field</u>	<u>Value</u>																
Attribute	STATE																
Description	State of the Asset																
*Type	UPPER																
Length	8																
Title	State																
*Domain	ASSETSTATE [Use Select Value]																
Default Value	INACTIVE																
<p>4</p>	<p><b>Save</b> your record.</p> <p><u>Result</u>: Your display should look similar to this one.</p> 																
	<p><u>Note</u>: At this point you might want to reconfigure the database. However, it is a <u>best practice</u> to make all of your planned changes before reconfiguring the database. We have some additional changes to make, so we will make those first.</p>																

continued on next page

## Configuring the Database continued

### Revisiting Scenario 2: Crossover Domain



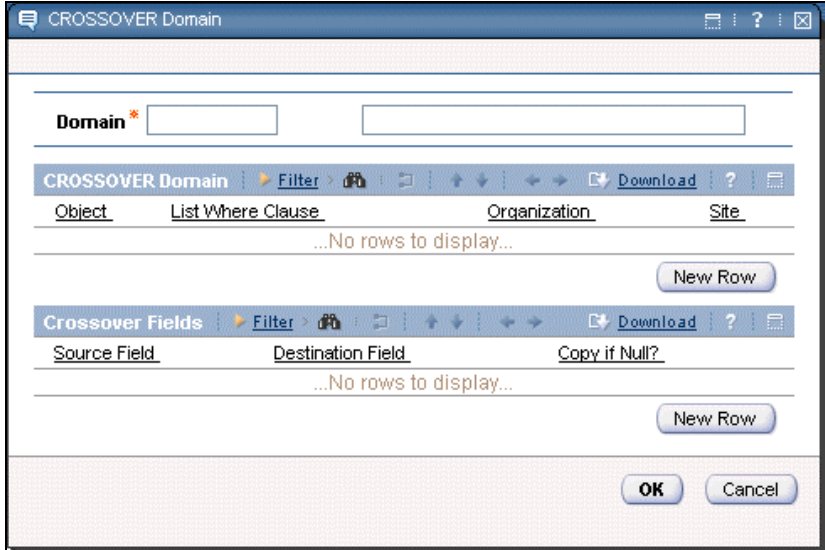
You have decided to add the supervisor of a requester onto an MR. You will be using a CROSSOVER domain to add the supervisor of the requester to the MR. In the following sets of exercises for Scenario 2, we will:

- use the Domains application to create a Crossover domain, and
- use the Database Configuration application to associate the new domain with an attribute.

Note: If you have taken the *System Administration for Maximo v.6* course (MED0137) immediately before taking this course, then you might have already completed the following sets of exercises (for Scenario 2).

### Creating a Crossover Domain for Scenario 2

Use the following steps to create a Crossover domain for Scenario 2.

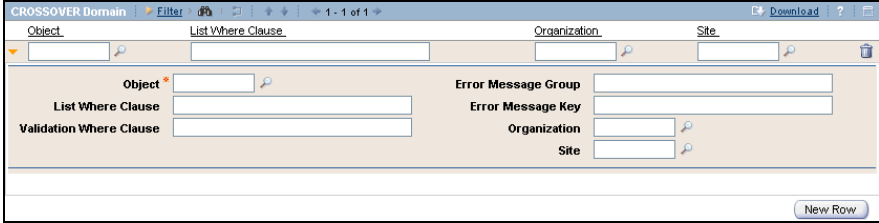
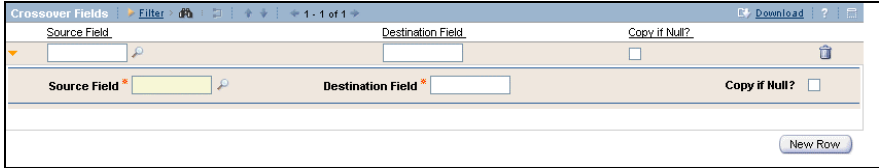
Step	Action
1	Open the <b>Domains</b> application.
2	<p>At the bottom of the <b>Domains</b> table window, click <b>Add New Domain</b> and select <b>Add New CROSSOVER Domain</b>.</p> <p><u>Result:</u> The CROSSOVER Domain dialog box opens.</p> 

continued on next page

**Configuring the Database** continued

**Creating a Crossover Domain for Scenario 2**

continued

Step	Action
3	In the <b>Domain</b> field, enter SUPNAME.
4	In the <b>Description</b> field, enter Supervisor Name.
5	In the <b>CROSSOVER Domain</b> section, click <b>New Row</b> . <u>Result:</u> The CROSSOVER Domain table window opens. 
6	Set the <b>Object</b> field to PERSON.
7	Set the <b>Validation Where Clause</b> field to personid=:enterby.
8	In the <b>CROSSOVER Fields</b> section, click <b>New Row</b> . <u>Result:</u> The CROSSOVER Fields table window opens. 
9	Set <b>Source Field</b> to DISPLAYNAME.
10	Set <b>Destination Field</b> to MRLA5.

continued on next page

## Configuring the Database continued

### Creating a Crossover Domain for Scenario 2

continued

Step	Action
11	In the <b>CROSSOVER Fields</b> section, again click <b>New Row</b> .
12	Set <b>Source Field</b> to SUPERVISOR.
13	Set <b>Destination Field</b> to MRLA4.
14	Click <b>OK</b> . <u>Result:</u> Your display should look similar to this.

### Associate the New Domain with an Attribute for Scenario 2

Use the following steps to associate your new Crossover domain with an attribute.

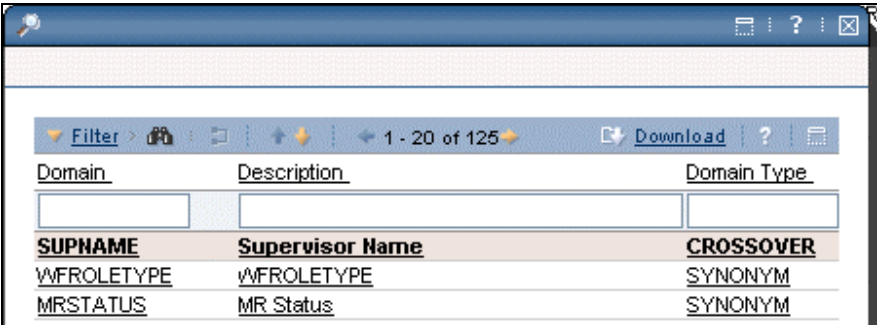
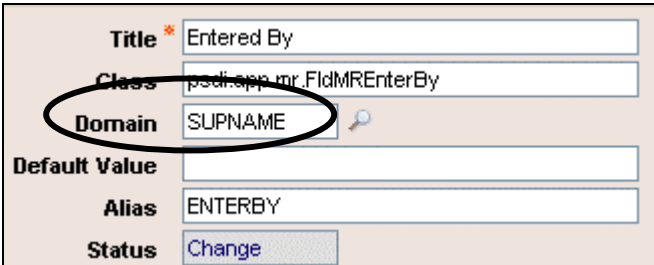
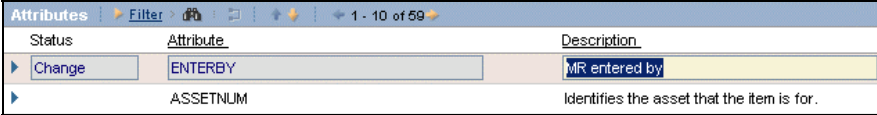
Step	Action
1	Open the <b>Database Configuration</b> application.
2	Search for and select the <b>MR</b> object.
3	On the <b>Attributes</b> tab, find and open the details for the <b>ENTERBY</b> attribute.

continued on next page

## Configuring the Database continued

Associate the New Domain with an Attribute for Scenario 2

continued

Step	Action
4	 <p>Use the <b>Select Value</b> list for the <b>Domain</b> field and select your new domain: SUPNAME.</p> <p><u>Result:</u> Your new domain populates the Domain field.</p> 
5	<p><b>Save</b> the record.</p> <p><u>Result:</u> The ENTERBY object is set to change when you reconfigure the database.</p>  <p><u>Note:</u> If the Description field is blank, enter a description and then save your record.</p>

continued on next page



## Configuring the Database continued

### Associate the New Domain with an Attribute for Scenario 2

continued

Step	Action
6	Repeat steps 3 and 4 for both the <b>MRLA4</b> and the <b>MRLA5</b> attributes.
7	<b>Save</b> your record.
8	Set the <b>MRLA4</b> attribute to a length of 30.
9	Set the <b>MRLA5</b> attribute to a length of 62.
10	<b>Save</b> the record.

### Reconfigure the Database for Scenarios 1 & 2

Using the following steps, reconfigure the database.

Note: You should already know how to perform these steps.

Step	Action	Completed?
1	Sign out of Maximo.	
2	Close your browser.	
3	Shut down your Maximo Server.	
4	Wait 2 minutes.	
5	Run the configdb.bat program.	
6	Review the LOG file and ensure that all ran properly.	
7	Start your Maximo Server.	
8	Sign in to Maximo and verify your changes.	

## Using the Application Designer

---

### Introduction

Now that we have configured the database for Scenarios 1 and 2, we will use the Application Designer application to complete the exercises.

---

### Revisiting Scenario 1

You have decided that it is a best practice for your organization to identify assets as being in a status of ACTIVE, PENDING, or INACTIVE.

In the following sets of exercises for Scenario 1, we will:

- use the Application Designer (Control Palette) to modify the UI by adding a control, and
  - use the Application Designer (Control Properties) to modify the new control.
- 

### Adding the Control for Scenario 1

Use the following steps to add a control for the STATE attribute of the ASSET object.


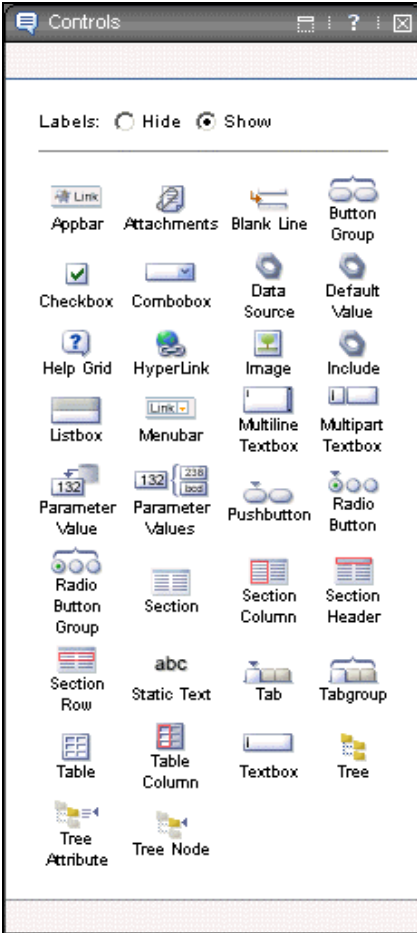
Step	Action
1	Open the <b>Application Designer</b> application.
2	On the <b>Applications</b> tab, find and select the <b>ASSET</b> application. <u>Result:</u> The List tab of the Asset application opens in the Workspace tab of the Application Designer.
3	Select the <b>Asset</b> tab to work on. <u>Result:</u> The Asset tab of the Asset application opens in the Workspace tab of the Application Designer.

continued on next page

## Using the Application Designer continued

### Adding the Control for Scenario 1

continued

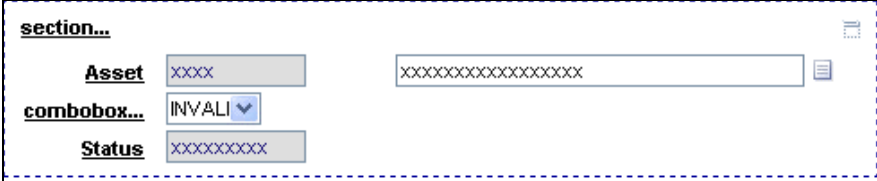
Step	Action
4	<p>Open the <b>Control Palette</b> from the toolbar.</p>  <p><u>Result:</u> The Control Palette opens.</p> 

continued on next page

## Using the Application Designer continued

### Adding the Control for Scenario 1

continued


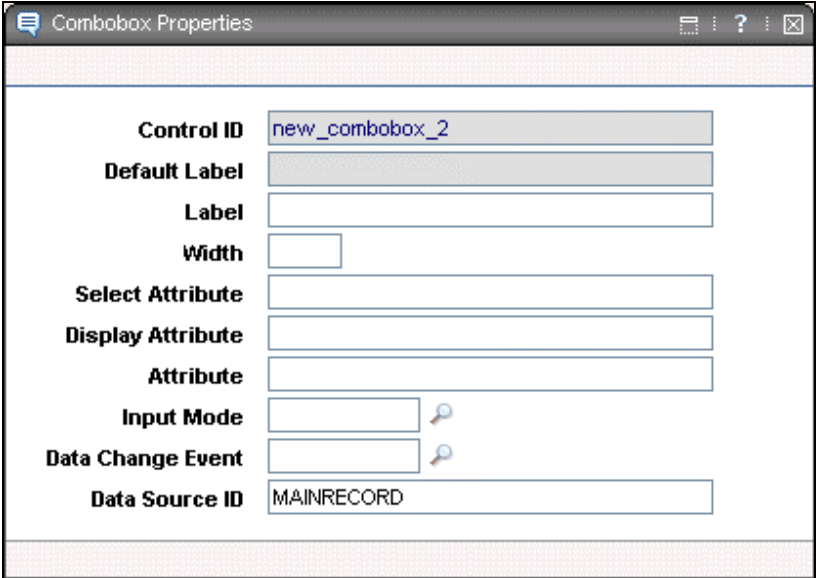
Step	Action
5	<p>Drag the <b>Combobox</b> control from the Control Palette onto the <b>(Status)</b> Textbox control.</p> <p><u>Result:</u> It will be displayed just above the (Status) Textbox control, as shown here.</p> 

continued on next page

## Using the Application Designer continued

### Adding the Control for Scenario 1

continued

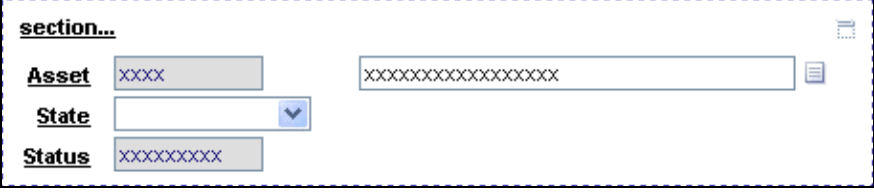
Step	Action
6	<p>With the new <b>Combobox</b> control selected, open the <b>Control Properties</b> dialog box (for the Combobox control) from the toolbar.</p>  <p><u>Result:</u> The Combobox Properties dialog box opens.</p> 

continued on next page

## Using the Application Designer continued

### Adding the Control for Scenario 1

continued

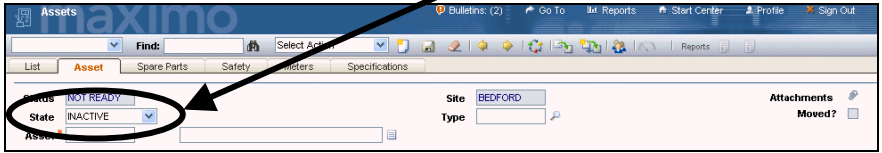
Step	Action										
7	Enter the following data: <table border="1" data-bbox="511 611 894 835"> <thead> <tr> <th><u>Field</u></th> <th><u>Value</u></th> </tr> </thead> <tbody> <tr> <td><b>Label</b></td> <td>State</td> </tr> <tr> <td><b>Select Attribute</b></td> <td>STATE</td> </tr> <tr> <td><b>Display Attribute</b></td> <td>STATE</td> </tr> <tr> <td><b>Attribute</b></td> <td>STATE</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Label</b>	State	<b>Select Attribute</b>	STATE	<b>Display Attribute</b>	STATE	<b>Attribute</b>	STATE
<u>Field</u>	<u>Value</u>										
<b>Label</b>	State										
<b>Select Attribute</b>	STATE										
<b>Display Attribute</b>	STATE										
<b>Attribute</b>	STATE										
8	Close the <b>Combobox Properties</b> dialog box. You can also close the <b>Control Palette</b> .										
9	<b>Save</b> your record. <u>Result:</u> Your display should look similar to this. 										

continued on next page

## Using the Application Designer continued

### Verifying Your Work for Scenario 1

Use the following steps to verify your work for Scenario 1.

Step	Action
1	Open the <b>Assets</b> application.
2	Insert a new asset record.
3	Notice that Maximo displays your new <b>State</b> field. 
4	The <b>State</b> field is prepopulated with <b>INACTIVE</b> . Why?
5	Clear the changes and return to the <b>Start Center</b> .
6	Answer <b>NO</b> to the “Do you want to save your changes...” prompt.

continued on next page

## Using the Application Designer continued

### Revisiting Scenario 2: Crossover Domain



You have decided to add the supervisor of a requester onto an MR You will be using a CROSSOVER domain to add the supervisor of the requester to the MR. In the following sets of exercises for Scenario 2, we will:

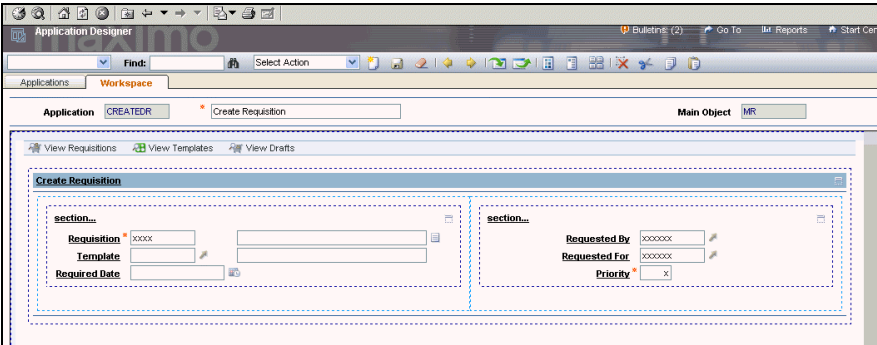
- use the Application Designer (Controls Palette) to modify the UI by adding a control, and
- use the Application Designer (Control Properties) to modify the new control.

Note: If you have taken the *System Administration for Maximo v.6* course (MED0137) immediately before taking this course, then you might have already completed the following sets of exercises (for Scenario 2).

### Adding the Control for Scenario 2

Use the following steps to create the labels and the fields on the Create Requisition application for the Crossover domain for Scenario 2.

Recall that we created a Crossover domain for the supervisor of the requester (Entered By) using the **MRLA4** and **MRLA5** fields.

Step	Action
1	<p>Using the <b>Application Designer</b> application, find and select the <b>CREATEDR</b> application.</p> <p><u>Result:</u> Maximo displays the CREATEDR application in the Application Designer workspace.</p> 


continued on next page



## Using the Application Designer continued

### Adding the Control for Scenario 2

continued

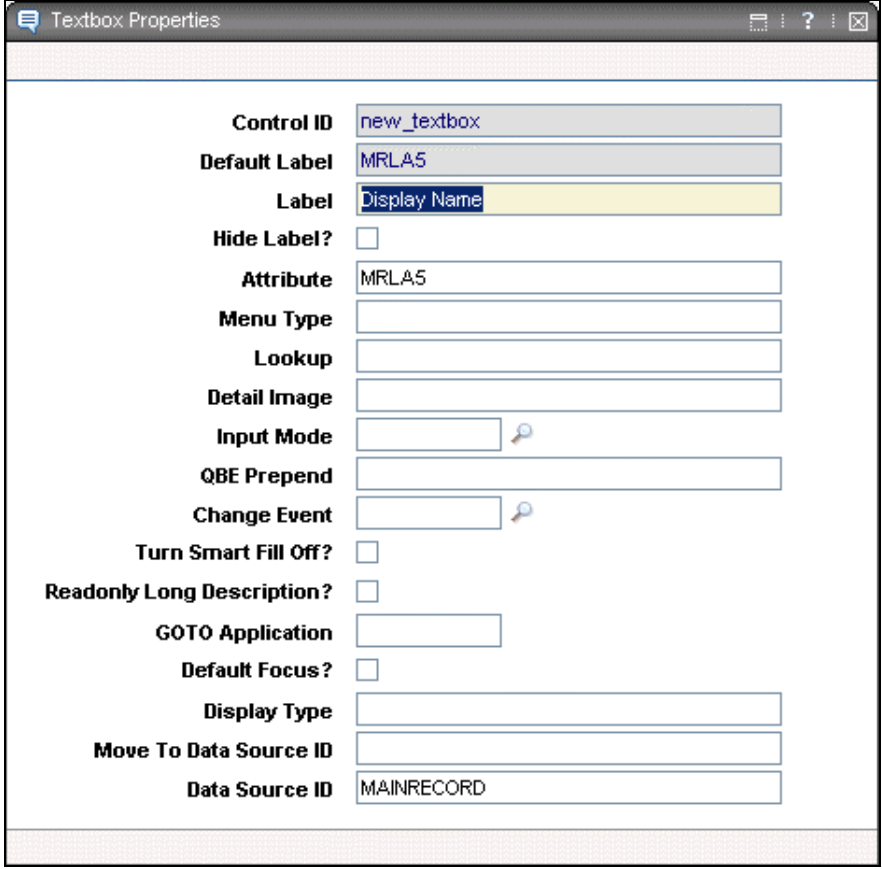
Step	Action
2	<p>Open the <b>Control Palette</b> and add a <b>Textbox</b> control above the <b>Priority</b> field.</p> <p><u>Result:</u> Your display should look similar to this one.</p>  <p>The screenshot shows a form layout with the following elements:                 <ul style="list-style-type: none"> <li>A dashed box labeled "section..." containing the form fields.</li> <li>"Requested By" field with "xxxxxx" and a right-pointing arrow.</li> <li>"Requested For" field with "xxxxxx" and a right-pointing arrow.</li> <li>"textbox..." field with a red border and the text "INVALID BINDING" inside.</li> <li>"Priority *" field with "x" inside.</li> </ul> </p>

continued on next page

Using the Application Designer continued

Adding the Control for Scenario 2

continued



Step	Action						
3	<p>Open the <b>Properties</b> dialog box for your new text box, then enter the following values:</p> <table border="1"> <thead> <tr> <th data-bbox="511 646 581 678"><u>Field</u></th> <th data-bbox="738 646 820 678"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="511 695 592 726">Label</td> <td data-bbox="738 695 933 726">Display Name</td> </tr> <tr> <td data-bbox="511 743 641 774">Attribute</td> <td data-bbox="738 743 844 774">MRLA5</td> </tr> </tbody> </table>  <p>The screenshot shows the 'Textbox Properties' dialog box with the following values entered:</p> <ul style="list-style-type: none"> <li>Control ID: new_textbox</li> <li>Default Label: MRLA5</li> <li>Label: Display Name</li> <li>Attribute: MRLA5</li> <li>Menu Type: (empty)</li> <li>Lookup: (empty)</li> <li>Detail Image: (empty)</li> <li>Input Mode: (empty)</li> <li>QBE Prepend: (empty)</li> <li>Change Event: (empty)</li> <li>Turn Smart Fill Off?: <input type="checkbox"/></li> <li>Readonly Long Description?: <input type="checkbox"/></li> <li>GOTO Application: (empty)</li> <li>Default Focus?: <input type="checkbox"/></li> <li>Display Type: (empty)</li> <li>Move To Data Source ID: (empty)</li> <li>Data Source ID: MAINRECORD</li> </ul>	<u>Field</u>	<u>Value</u>	Label	Display Name	Attribute	MRLA5
<u>Field</u>	<u>Value</u>						
Label	Display Name						
Attribute	MRLA5						

continued on next page

## Using the Application Designer continued

### Adding the Control for Scenario 2

continued

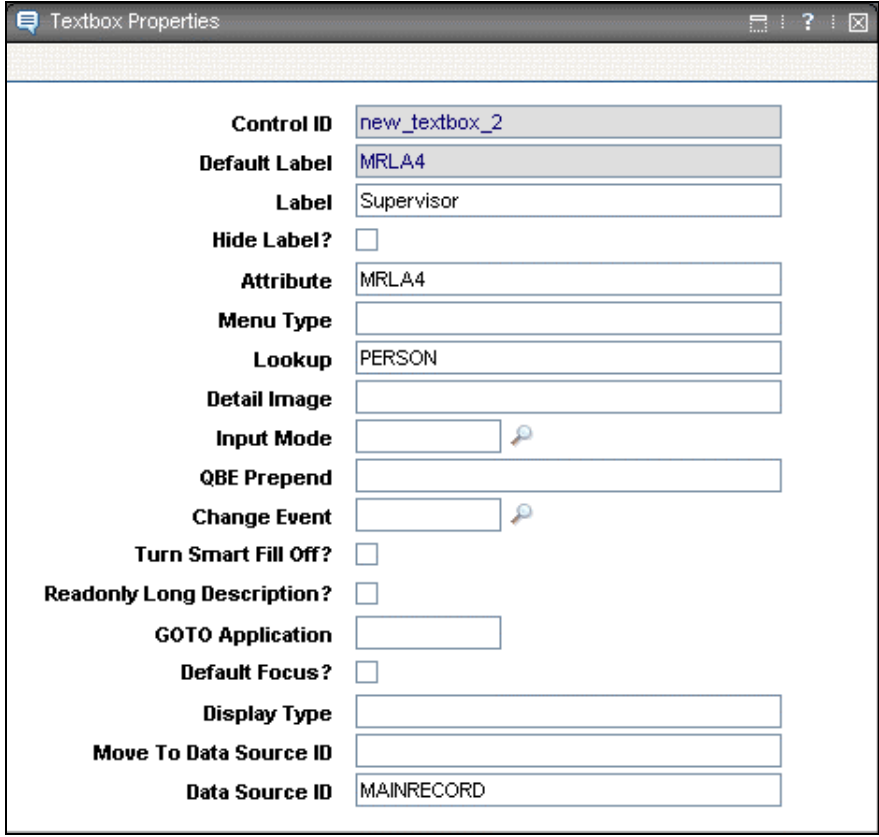
Step	Action
4	Close the <b>Textbox Properties</b> dialog box and <b>save</b> the record.
5	Add another text box above the <b>Priority</b> field. <u>Result:</u> Your display should look similar to this one. <div data-bbox="592 716 1401 989" style="border: 1px dashed black; padding: 10px; margin: 10px 0;"> <p><b>section...</b></p> <p><b>Requested By</b> <input type="text" value="xxxxxx"/> </p> <p><b>Requested For</b> <input type="text" value="xxxxxx"/> </p> <p><b>Display Name</b> <input type="text" value="xxxxxxxxxx"/></p> <p><b>textbox...</b> <span style="border: 1px solid red; padding: 2px;">INVALID BINDING</span></p> <p><b>Priority</b> * <input type="text" value="x"/></p> </div>
6	Close the <b>Control Palette</b> .

continued on next page

## Using the Application Designer continued

### Adding the Control for Scenario 2

continued

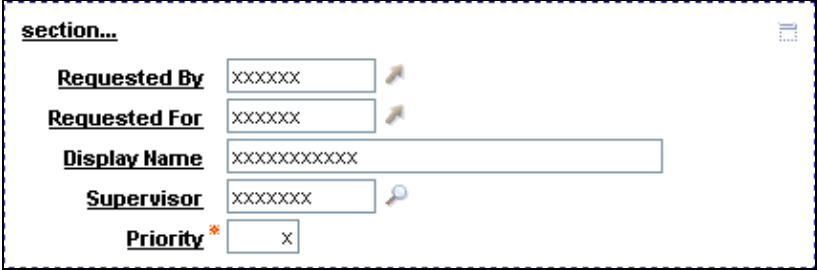
Step	Action								
7	<p>Open the <b>Textbox Properties</b> dialog box for your new Textbox control and enter the following values:</p> <table border="1" data-bbox="511 646 893 829"> <thead> <tr> <th><u>Field</u></th> <th><u>Value</u></th> </tr> </thead> <tbody> <tr> <td>Label</td> <td>Supervisor</td> </tr> <tr> <td>Attribute</td> <td>MRLA4</td> </tr> <tr> <td>Lookup</td> <td>PERSON</td> </tr> </tbody> </table> 	<u>Field</u>	<u>Value</u>	Label	Supervisor	Attribute	MRLA4	Lookup	PERSON
<u>Field</u>	<u>Value</u>								
Label	Supervisor								
Attribute	MRLA4								
Lookup	PERSON								

continued on next page

## Using the Application Designer continued

### Adding the Control for Scenario 2

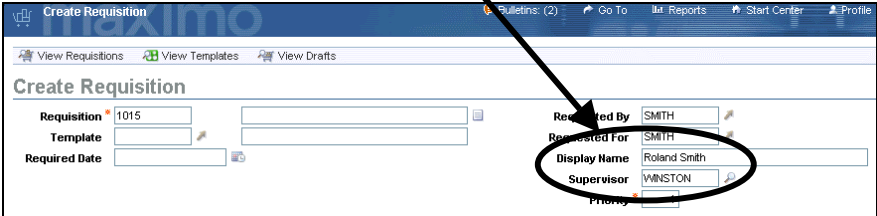
continued

Step	Action
8	<p>Close the <b>Textbox Properties</b> dialog box and <b>save</b> the record.  <u>Result:</u> Your display should look similar to this one.</p>  <p>The screenshot shows a form section titled "section...". It contains five fields: "Requested By" (text input with "xxxxxxx" and a key icon), "Requested For" (text input with "xxxxxxx" and a key icon), "Display Name" (text input with "xxxxxxxxxxxx"), "Supervisor" (text input with "xxxxxxx" and a magnifying glass icon), and "Priority" (a dropdown menu with "x" selected and an asterisk indicating it is required).</p>
9	Sign out of Maximo.

continued on next page

## Using the Application Designer continued

**Verify Your Work for Scenario 2** Use the following steps to verify your work for Scenario 2.

Step	Action
1	Sign in to Maximo as <b>User smith</b> with <b>Password smith1</b> . <u>Note:</u> User Roland Smith has WINSTON assigned as his supervisor.
2	Open the <b>Create Requisition</b> application. <b>Self Service &gt; Desktop Requisitions &gt; Create Requisition</b> <u>Result:</u> Your display should look similar to this one. Notice your two new fields, correctly filled in. 
3	Click the <b>Select Value</b> button and verify that the lookup works.
4	Sign out of Maximo.

## Cloning an Application

---

### Introduction

There are times when just modifying an application is not enough to accomplish the business objectives. Maximo is highly customizable to meet your business needs. This is no less true when using the Application Designer application.

In this section, we will look at duplicating (or *cloning*) an application. Upon duplication, a clone of the existing application is created and Maximo copies all the information from the existing application to the duplicated application. You can modify the values in the duplicate application and save it as a new application.

---

### Revisiting Scenario 3: Duplicating (Cloning) an Application

With Maximo, there is additional handling required to create a work order (WO) from a service request (SR). You determine that, for your company, it would be a best practice to have a single application for work requests. A work request application is a simplified clone of the Work Order Tracking (WOTRACK) application.

We will clone the Work Order Tracking application, simplify it, and modify it as necessary for this purpose.

Note: In this scenario, a work request is simply a request for work—the same as a work order before approval. Therefore, we will keep the Work Order field label(s) as we develop the cloned application.

Warning: The Work Order Tracking application is one of the largest applications in the database. Cloning this application might take awhile. Be patient, and do not click around while Maximo duplicates this application.

---

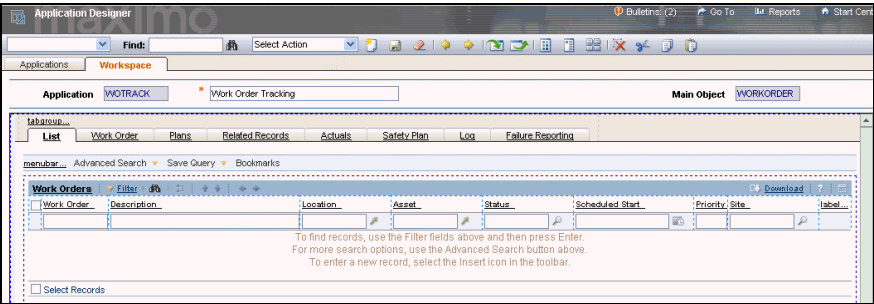
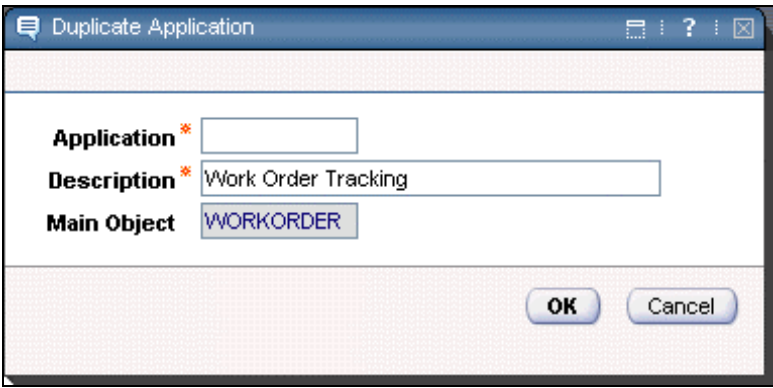


continued on next page

## Cloning an Application continued

### Duplicating an Application

Use the following steps to duplicate the Work Order Tracking (WOTRACK) application.

Step	Action
1	<p>Using the <b>Application Designer</b>, find and select the <b>WOTRACK</b> application.</p> <p><u>Result:</u> Maximo displays the WOTRACK application in the Application Designer workspace.</p> 
2	<p>From the <b>Select Action</b> menu, select <b>Duplicate Application Definition</b>.</p> <p><u>Result:</u> The Duplicate Application dialog box opens.</p> 


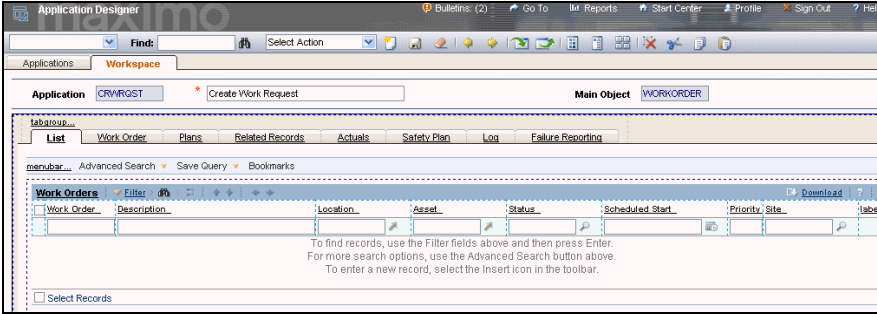
continued on next page



## Cloning an Application continued

### Duplicating an Application

continued


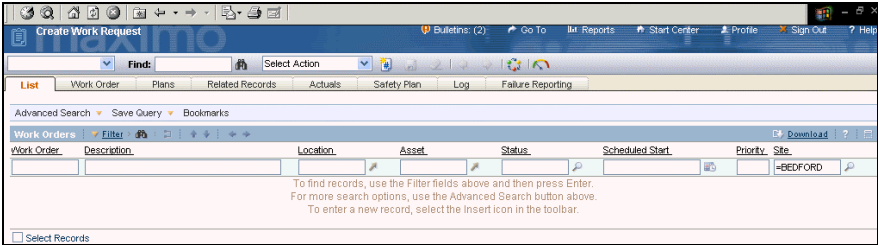
Step	Action						
<p>3</p> 	<p>Enter the following information:</p> <table border="0"> <tr> <td><b><u>Field</u></b></td> <td><b><u>Value</u></b></td> </tr> <tr> <td><b>Application</b></td> <td>CRWRQST</td> </tr> <tr> <td><b>Description</b></td> <td>Create Work Request</td> </tr> </table> <p><u>Note:</u> The value in the Description field is what will display on the Maximo Go To menu.</p>	<b><u>Field</u></b>	<b><u>Value</u></b>	<b>Application</b>	CRWRQST	<b>Description</b>	Create Work Request
<b><u>Field</u></b>	<b><u>Value</u></b>						
<b>Application</b>	CRWRQST						
<b>Description</b>	Create Work Request						
<p>4</p>	<p>Click <b>OK</b>.</p> <p><u>Result:</u> The selected application is duplicated.</p> 						
<p>5</p>	<p>Save your record.</p>						

continued on next page

## Cloning an Application continued

### Duplicating an Application

continued

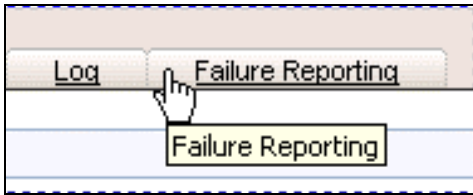
Step	Action
6	<p>From the <b>Go To</b> menu, select <b>Work Orders &gt; Create Work Request</b>.</p> <p><u>Hint:</u> You might have to sign out of Maximo and sign back in again, or refresh your browser, for it to display.</p>  <p><u>Result:</u> The Create Work Request application (a duplicate of the Work Order Tracking application) opens.</p> 
7	Return to the <b>Start Center</b> .

continued on next page

## Cloning an Application continued

### Deleting Tab Controls

Because our Create Work Request application will be a slimmed-down version of the Work Order Tracking application, we will delete all of the unnecessary tab controls. Use the following steps.

Step	Action
1	Open the <b>Application Designer</b> application, then find and select your <b>CRWRQST</b> application.
2	<p>Click to select the Tab control for <b>Failure Reporting</b>, as shown here.</p> <div data-bbox="760 747 1230 940" style="text-align: center;">  </div> <p><u>Result:</u> The Failure Reporting Tab control should be highlighted in green.</p>
3	<p>Click the <b>Cut</b> button on the menu.</p> <p><u>Hint:</u> Cut and Delete are like any windows application:</p> <ul style="list-style-type: none"> <li>• Cut allows you to paste back.</li> <li>• Delete is gone forever.</li> </ul> <p>There is neither an <i>undo</i> nor a <i>redo</i> in Application Designer.</p> <p><u>Best Practice:</u> If you are unsure of changes that you make:</p> <ul style="list-style-type: none"> <li>• Use Cut instead of Delete.</li> <li>• Do not save your changes. After changes are saved to the database, you cannot go back except by re-creating the control.</li> </ul>

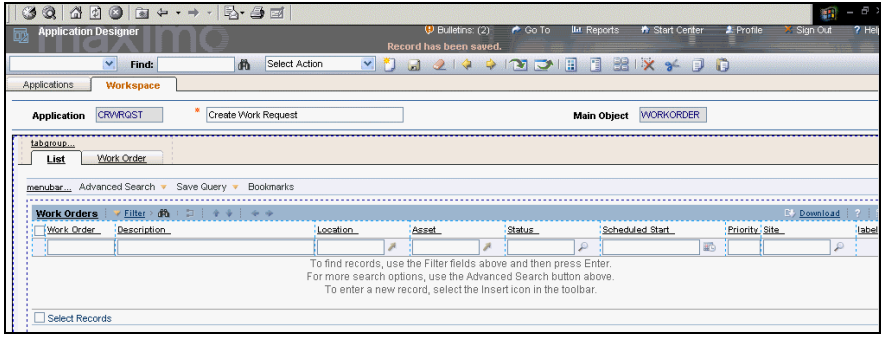


continued on next page

## Cloning an Application continued

### Deleting Tab Controls

continued

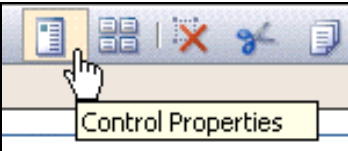
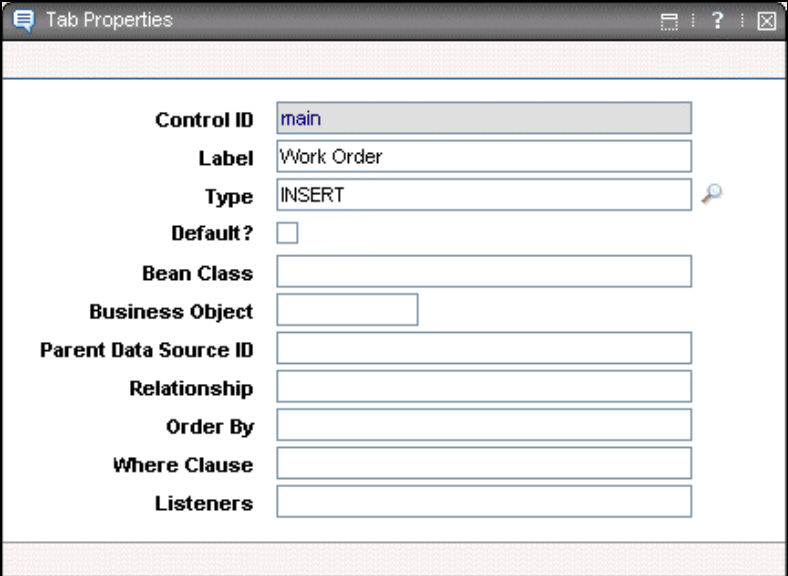
Step	Action
4	Repeat steps 2 and 3 to remove the following Tab controls: <ul style="list-style-type: none"> <li>• <b>Log</b></li> <li>• <b>Safety Plan</b></li> <li>• <b>Actuals</b></li> <li>• <b>Related Records</b></li> <li>• <b>Plans</b></li> </ul>
5	Do <i>NOT</i> save your record! Ensure that your record has only two tabs: <ul style="list-style-type: none"> <li>• <b>List</b></li> <li>• <b>Work Order</b></li> </ul>
6	When you are sure of the changes, <b>save</b> your record. <u>Result:</u> Your CRWRQST application should look like this one. 

continued on next page

## Cloning an Application continued

### Modifying Controls

Now that we have only two tab controls remaining, we will leave the List Tab control as it is. However, we need to modify the Work Order Tab control. Use the following steps.


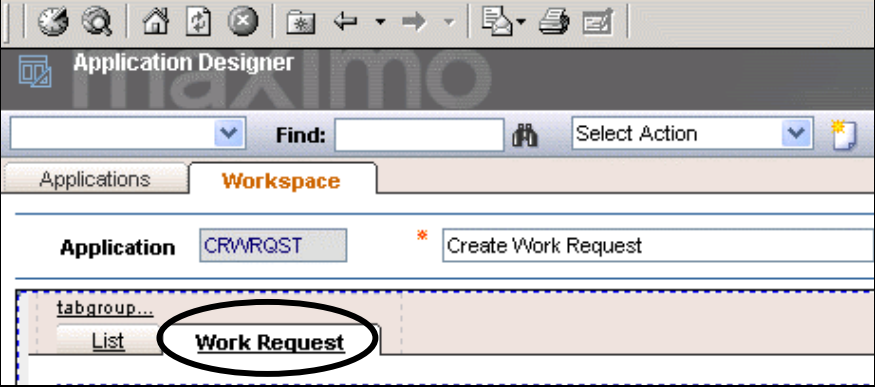
Step	Action
1	Open the <b>Application Designer</b> application, then find and select your <b>CRWRQST</b> application.
2	Click to select the Tab control for <b>Work Order</b> .
3	<p>Click the <b>Control Properties</b> button.</p>  <p><u>Result:</u> The Tab Properties dialog box opens.</p> 

continued on next page

## Cloning an Application continued

### Modifying Controls

continued


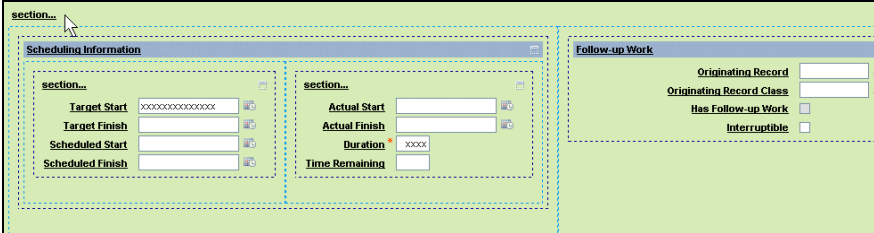
Step	Action
4	Change the value in the <b>Label</b> field to Work Request.
5	Click the <b>Close</b> button  (upper right-hand corner) to close the dialog box.
6	<p><b>Save</b> your record.  <u>Result:</u> Your display should look similar to this.</p>  <p>The screenshot shows the Application Designer interface. At the top, there is a toolbar with various icons. Below the toolbar, the title bar reads 'Application Designer'. The main workspace is divided into two tabs: 'Applications' and 'Workspace', with 'Workspace' being the active tab. In the workspace, there is a section for 'Application' with the value 'CRWRQST' and an action 'Create Work Request'. Below this, there is a table with a header 'tabgroup...' and a row containing 'List' and 'Work Request'. The 'Work Request' text is circled in black.</p>

continued on next page

## Cloning an Application continued

### Removing Section Controls

Because the Work Request tab will be a simplified version of the Work Order tab, we will now remove controls from this tab. Use the following steps.

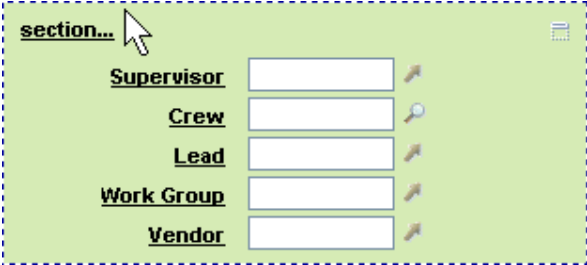
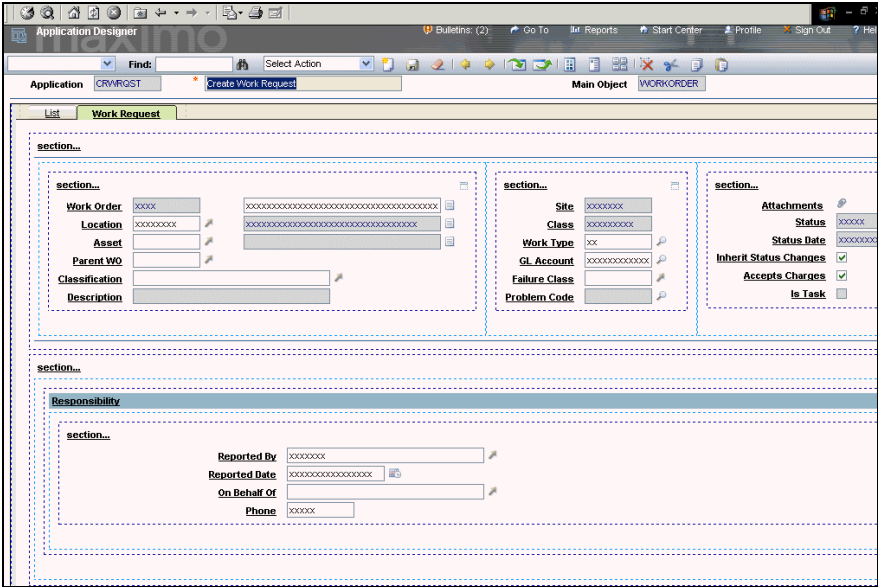
Step	Action
1	Open the <b>Application Designer</b> application, then find and select your <b>CRWRQST</b> application.
2	Click to select the Tab control for <b>Work Request</b> .
3	<p>On the <b>Work Request</b> tab, select the second section, which has a <b>Control ID</b> of <b>main_grid21</b>.</p> <p><u>Hint:</u> Use the Control Properties button to ensure that you have the correct control.</p> 
4	Remove this control.
5	<p>Repeat steps 3 and 4 for the next section, which has a <b>Control ID</b> of <b>main_grid30</b>.</p> 

continued on next page

## Cloning an Application continued

### Removing Section Controls

continued

Step	Action
6	<p>Repeat steps 3 and 4 for the Section Column that has a <b>Control ID</b> of main_grid35.</p> 
7	<p>Repeat steps 3 and 4 for the Section Column that has a <b>Control ID</b> of main_grid37.</p> <p><b>Result:</b> Your display should look similar to this one.</p> 
8	<p>Save your record.</p>

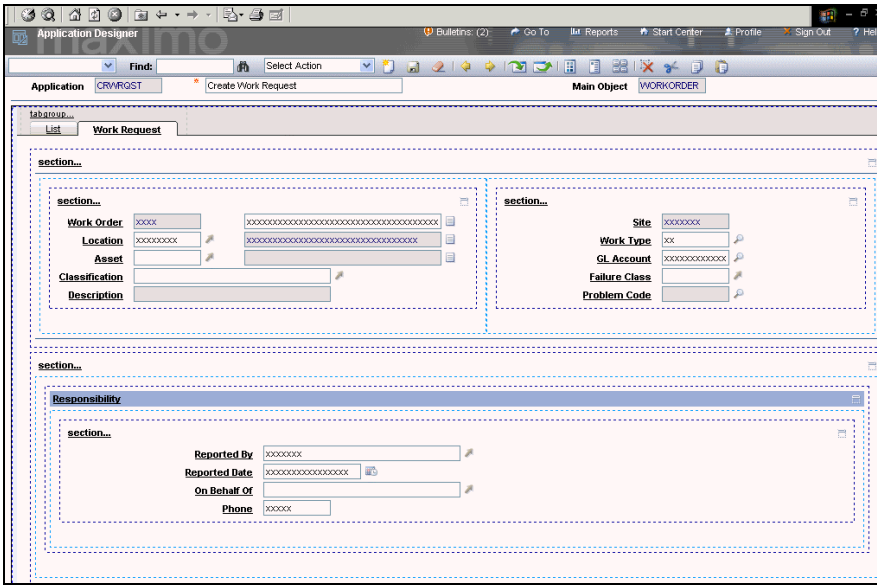
continued on next page



## Cloning an Application continued

### Individual Controls

We also do not need all of the controls in each of the remaining sections, so use the following steps to remove some of them.

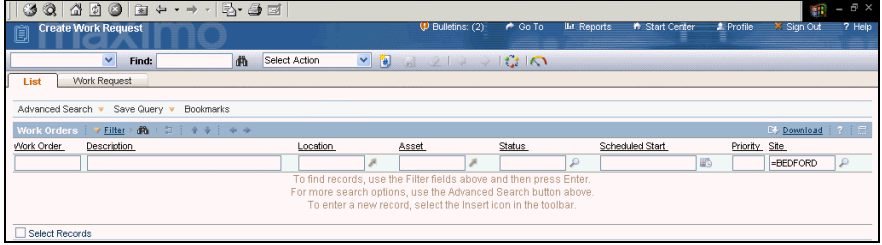
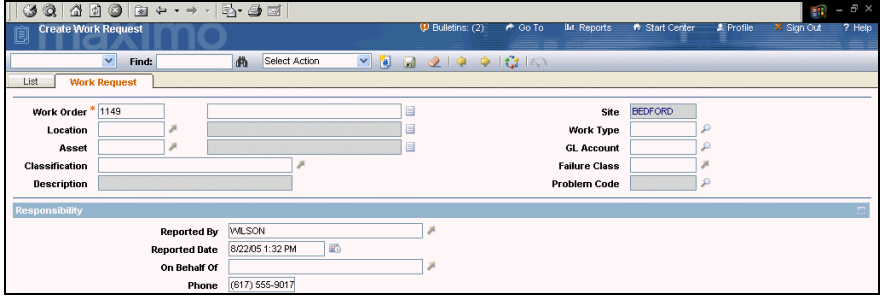
Step	Action
1	Open the <b>Application Designer</b> application, then find and select your <b>CRWRQST</b> application.
2	Click to select the Tab control for <b>Work Request</b> .
3	<p>Remove the following Textbox controls:</p> <ul style="list-style-type: none"> <li>• <b>Parent WO</b></li> <li>• <b>Class</b></li> <li>• The entire <b>Attachment</b> section</li> </ul> <p><u>Result:</u> Your display should look similar to this.</p> 
4	Save your record.

continued on next page

## Cloning an Application continued

### Viewing the Results

Use the following steps to view your results for the Create Work Request application.

Step	Action
1	<p>Open your new <b>Create Work Request</b> application.  <u>Result:</u> Your display should look similar to this one.</p> 
2	<p>Click <b>New Work Request</b>.  <u>Result:</u> The Work Request tab opens.</p> 
3	<p>Notice that there is only one required field.  <u>Note:</u> Required fields are determined through the Database Configuration application, which is covered in the <i>System Administration for Maximo v.6</i> course (MED0137).</p>
4	<p>When you are done viewing your new Create Work Request application, return to the <b>Start Center</b>. You do not need to save your changes.</p>

## Creating a New Application with Database Configuration

### Introduction

You can use the Application Designer application in conjunction with the Database Configuration application to create new applications.

### Revisiting Scenario 4: Creating a New Application

A decision has been made to capture information from a work order about the asset in a simple knowledge base. You have decided to create a new object in Maximo for your asset knowledge base. The new application will require you to create a new table domain, an object, and relationships, and to use the Application Designer to allow your end-users access to the new application.

In the following sets of exercises for Scenario 4, we will:

- use the Domains application to create a TABLE domain;
- use the Database Configuration application to create a new KNOWAPP object, including attributes, an index, and two relationships; and
- reconfigure the database

### Create a Table Domain

Use the following steps to create a table domain for the ASSET object.

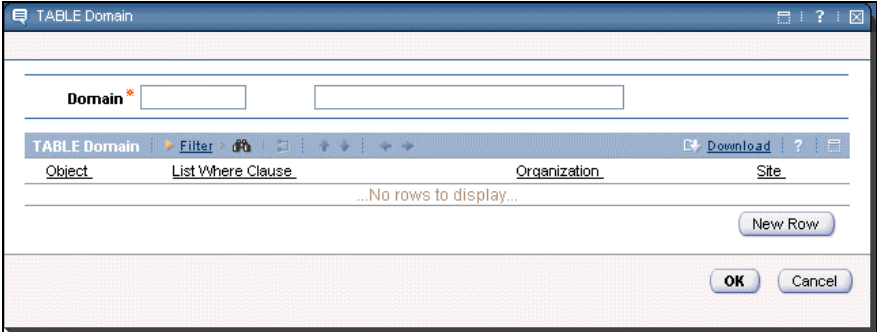
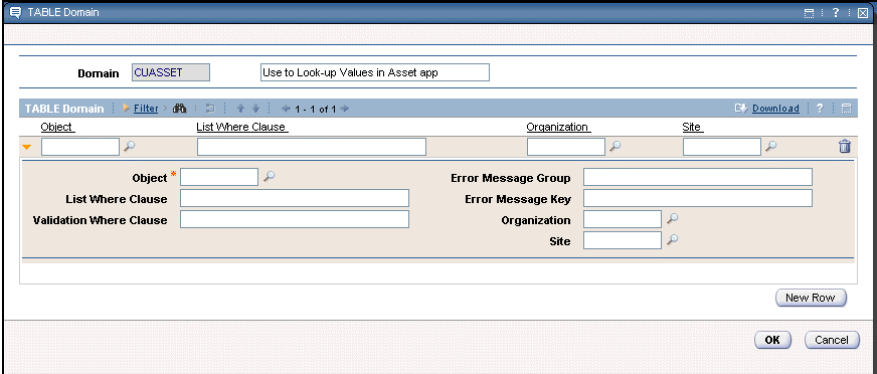
Step	Action
1	<p>Open the <b>Domains</b> application and click the <b>Add New Domain</b> button.</p> <p><u>Result:</u> The Add New Domain button displays a menu.</p> <div data-bbox="773 1289 1219 1476" style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <p>Add New ALN Domain</p> <p>Add New NUMERIC Domain</p> <p>Add New NUMERIC RANGE Domain</p> <p>Add New TABLE Domain</p> <p>Add New CROSSOVER Domain</p> </div>

continued on next page

**Creating a New Application with Database Configuration** continued

**Create a Table Domain**

continued

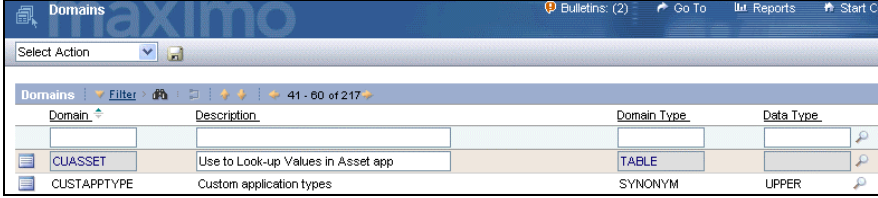
Step	Action						
2	<p>Click to select <b>Add New TABLE Domain</b>.  <u>Result</u>: The TABLE Domain dialog box opens.</p> 						
3	<p>Enter the following values:</p> <table border="1" data-bbox="513 1037 1385 1171"> <thead> <tr> <th><u>Field</u></th> <th><u>Value</u></th> </tr> </thead> <tbody> <tr> <td><b>Domain</b></td> <td>CUASSET</td> </tr> <tr> <td><b>Description</b></td> <td>Use to Look Up Values in Asset app</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Domain</b>	CUASSET	<b>Description</b>	Use to Look Up Values in Asset app
<u>Field</u>	<u>Value</u>						
<b>Domain</b>	CUASSET						
<b>Description</b>	Use to Look Up Values in Asset app						
4	<p>Click <b>New Row</b>.  <u>Result</u>: A new row opens for editing.</p> 						

continued on next page

## Creating a New Application with Database Configuration continued

### Create a Table Domain

continued

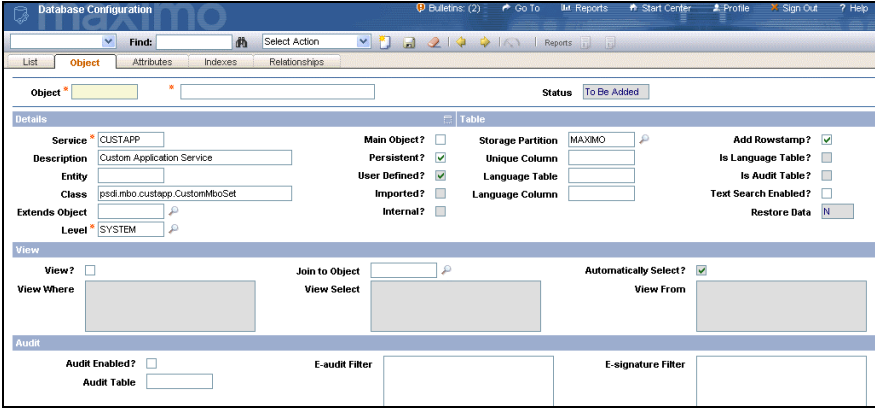
Step	Action										
5	Enter the following values: <table border="0"> <tr> <td><b><u>Field</u></b></td> <td><b><u>Value</u></b></td> </tr> <tr> <td><b>Object</b></td> <td>ASSET</td> </tr> <tr> <td><b>Validation Where Clause</b></td> <td>assetnum=:assetnum</td> </tr> <tr> <td><b>Organization</b></td> <td>EAGLENA</td> </tr> <tr> <td><b>Site</b></td> <td>BEDFORD</td> </tr> </table>	<b><u>Field</u></b>	<b><u>Value</u></b>	<b>Object</b>	ASSET	<b>Validation Where Clause</b>	assetnum=:assetnum	<b>Organization</b>	EAGLENA	<b>Site</b>	BEDFORD
<b><u>Field</u></b>	<b><u>Value</u></b>										
<b>Object</b>	ASSET										
<b>Validation Where Clause</b>	assetnum=:assetnum										
<b>Organization</b>	EAGLENA										
<b>Site</b>	BEDFORD										
6	Click <b>OK</b> . <u>Result:</u> The TABLE Domain dialog box closes, saving your values. 										

continued on next page

## Creating a New Application with Database Configuration continued

### Create a New Object

Use the following steps to create a new table (KNOWAPP) in the database at the organization level.

Step	Action										
1	<p>Open the <b>Database Configuration</b> application and click the <b>New Object</b> button.</p> <p><u>Result:</u> A new object opens on the Object tab, ready for editing.</p> 										
2	<p>Enter the following values:</p> <table border="0"> <thead> <tr> <th data-bbox="513 1150 803 1188"><u>Field</u></th> <th data-bbox="834 1150 915 1188"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="513 1199 803 1236"><b>Object</b></td> <td data-bbox="834 1199 997 1236">KNOWAPP</td> </tr> <tr> <td data-bbox="513 1247 803 1285"><b>Description</b></td> <td data-bbox="834 1247 1284 1314">Knowledge Base application for Work Orders</td> </tr> <tr> <td data-bbox="513 1325 803 1362"><b>Level</b></td> <td data-bbox="834 1325 915 1362">ORG</td> </tr> <tr> <td data-bbox="513 1373 803 1411"><b>Text Search Enabled</b></td> <td data-bbox="834 1373 980 1411">[Checked]</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Object</b>	KNOWAPP	<b>Description</b>	Knowledge Base application for Work Orders	<b>Level</b>	ORG	<b>Text Search Enabled</b>	[Checked]
<u>Field</u>	<u>Value</u>										
<b>Object</b>	KNOWAPP										
<b>Description</b>	Knowledge Base application for Work Orders										
<b>Level</b>	ORG										
<b>Text Search Enabled</b>	[Checked]										
3	<p><b>Save</b> the record.</p>										

continued on next page

## Creating a New Application with Database Configuration continued

### Create a New Object

continued

Step	Action
4	Click on the <b>Attributes</b> tab and, using the <b>New Row</b> button, enter each of the following attributes:

Primary	Attribute Name	Data Type	Length	Domain
PK (Maximo Generated)	KNOWAPPID	INTEGER	12	
(Maximo Generated)	DESCRIPTION	ALN	50	
(Maximo Generated)	DESCRIPTION_ LONGDESCRIPTION	LONGALN (CLOB)	32000	
(Maximo Generated)	HASLD	YORN	1	
(Maximo Generated)	LANGCODE	UPPER	4	
	ADDITEMS	ALN	50	
	ASSETNUM	UPPER	12	CUASSET
	CREATEDATE (Default Value: &SYSDATE&)	DATETIME	10	
	Extra1	ALN	10	
	Extra2	ALN	10	
	Extra3	ALN	10	
	Extra4	ALN	10	
	KNOWNUM	UPPER	12	
	OBSERVATIONS	ALN	1024	
	ORGID	UPPER	8	
	SITEID	UPPER	8	
	USERCREATE (Default Value: &USERNAME&)	ALN	50	

continued on next page

## Creating a New Application with Database Configuration continued

### Create a New Object

continued

Step	Action																
5	<p>For the KNOWNUM attribute, enter the following values:</p> <table border="1"> <thead> <tr> <th>Field</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>Description</td> <td>Knowledge Number</td> </tr> <tr> <td>Type</td> <td>UPPER</td> </tr> <tr> <td>Length</td> <td>12</td> </tr> <tr> <td>Required?</td> <td>[Checked]</td> </tr> <tr> <td>Can Autonumber?</td> <td>[Checked]</td> </tr> <tr> <td>Autonumber</td> <td>KNOWNUM</td> </tr> <tr> <td>Default Value</td> <td>&amp;AUTOKEY&amp;</td> </tr> </tbody> </table> <p><u>Result:</u> Your screen should look similar to this one.</p>	Field	Value	Description	Knowledge Number	Type	UPPER	Length	12	Required?	[Checked]	Can Autonumber?	[Checked]	Autonumber	KNOWNUM	Default Value	&AUTOKEY&
Field	Value																
Description	Knowledge Number																
Type	UPPER																
Length	12																
Required?	[Checked]																
Can Autonumber?	[Checked]																
Autonumber	KNOWNUM																
Default Value	&AUTOKEY&																

continued on next page



## Creating a New Application with Database Configuration continued

### Create a New Object

continued

Step	Action												
6	<p>For the ASSETNUM attribute, enter the following values:</p> <table border="1"> <thead> <tr> <th>Field</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>Type</td> <td>UPPER</td> </tr> <tr> <td>Length</td> <td>12</td> </tr> <tr> <td>Same as Object</td> <td>ASSET</td> </tr> <tr> <td>Same as Attribute</td> <td>ASSETNUM</td> </tr> <tr> <td>Class</td> <td>psdi.app.workorder.FldWOAssetnum <i>(Note: The Class field is case-sensitive!)</i></td> </tr> </tbody> </table> <p><u>Result:</u> Your screen should look similar to this one.</p>	Field	Value	Type	UPPER	Length	12	Same as Object	ASSET	Same as Attribute	ASSETNUM	Class	psdi.app.workorder.FldWOAssetnum <i>(Note: The Class field is case-sensitive!)</i>
Field	Value												
Type	UPPER												
Length	12												
Same as Object	ASSET												
Same as Attribute	ASSETNUM												
Class	psdi.app.workorder.FldWOAssetnum <i>(Note: The Class field is case-sensitive!)</i>												

The screenshot shows a configuration window for an attribute named 'ASSETNUM'. The window is divided into 'Details' and 'Advanced' sections.

**Details Section:**

- Attribute: ASSETNUM
- Description: Assetnum
- Type: UPPER
- Length: 12
- Scale: 0
- Required?:
- Title: Assetnum
- Class: psdi.app.workorder.FldWOAssetnum
- Domain: [empty]
- Default Value: [empty]
- Alias: ASSETNUM
- Status: [empty]

**Advanced Section:**

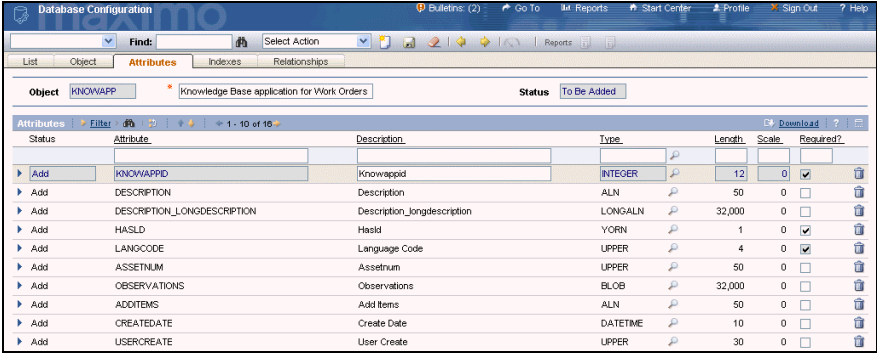
- Entity: KNOWAPP
- Column: ASSETNUM
- Same as Object: ASSET
- Same as Attribute: ASSETNUM
- Autonumber: [empty]
- Search Type: WILDCARD
- Persistent?:
- Must Be?:
- Positive?:
- User Defined?:
- Can Autonumber?:
- Long Description Owner?:
- Sequence: [empty]
- Audit Enabled?:
- Multilanguage Supported?:
- Multilanguage in Use?:
- E-signature Enabled?:
- Primary Column: [empty]
- Attribute #: 6
- Next Sequence Number: [empty]

continued on next page

## Creating a New Application with Database Configuration continued

### Create a New Object

continued

Step	Action
7	<p>Save your record.</p> <p><u>Result:</u> Your display should look similar to this one.</p> 

### Create a New Index

Use the following steps to create an index for your new object.

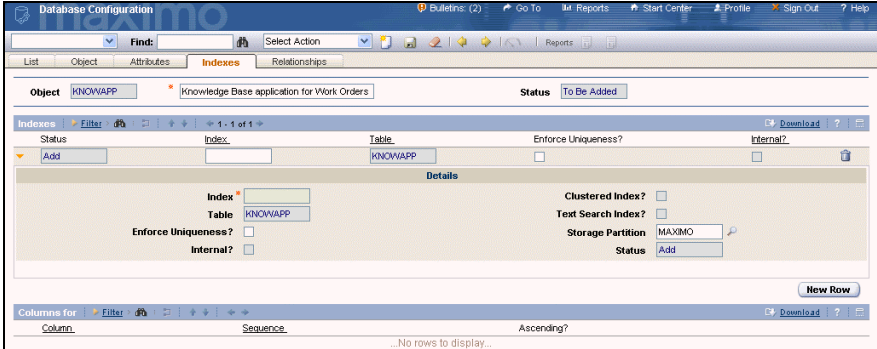
Step	Action
1	Open the <b>Database Configuration</b> application, then find and select your new <b>KNOWAPP</b> object.
2	Open the <b>Indexes</b> tab.

continued on next page

## Creating a New Application with Database Configuration continued

### Create a New Index

continued

Step	Action								
3	<p>Click the <b>New Row</b> button in the <b>Indexes</b> section.</p> <p><u>Result:</u> A new row opens for editing.</p> 								
4	<p>Enter the following values:</p> <table border="0"> <tr> <td><b>Field</b></td> <td><b>Value</b></td> </tr> <tr> <td><b>Index</b></td> <td>KNOWAPP_NDX1</td> </tr> <tr> <td><b>Enforce Uniqueness?</b></td> <td>[Checked]</td> </tr> </table>	<b>Field</b>	<b>Value</b>	<b>Index</b>	KNOWAPP_NDX1	<b>Enforce Uniqueness?</b>	[Checked]		
<b>Field</b>	<b>Value</b>								
<b>Index</b>	KNOWAPP_NDX1								
<b>Enforce Uniqueness?</b>	[Checked]								
5	<p>In the <b>Columns for KNOWAPP_NDX1</b> section, click <b>New Row</b>.</p> <p><u>Result:</u> A new row opens for editing.</p>								
6	<p>Enter the following values:</p> <table border="0"> <tr> <td><b>Field</b></td> <td><b>Value</b></td> </tr> <tr> <td><b>Column</b></td> <td>KNOWAPPID</td> </tr> <tr> <td><b>Sequence</b></td> <td>1</td> </tr> <tr> <td><b>Ascending?</b></td> <td>[Checked]</td> </tr> </table>	<b>Field</b>	<b>Value</b>	<b>Column</b>	KNOWAPPID	<b>Sequence</b>	1	<b>Ascending?</b>	[Checked]
<b>Field</b>	<b>Value</b>								
<b>Column</b>	KNOWAPPID								
<b>Sequence</b>	1								
<b>Ascending?</b>	[Checked]								
7	<p>Save your record.</p>								

continued on next page

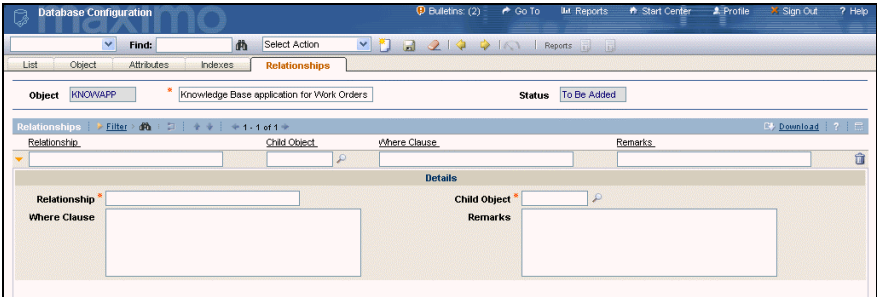
## Creating a New Application with Database Configuration continued

### Create a New Relationship

We now will create two relationships:

- KNOWASSET will be used to look up additional columns from the ASSET object.
- DRILLDOWN will enable us to use the drilldowns for both assets and locations.

Use the following steps.

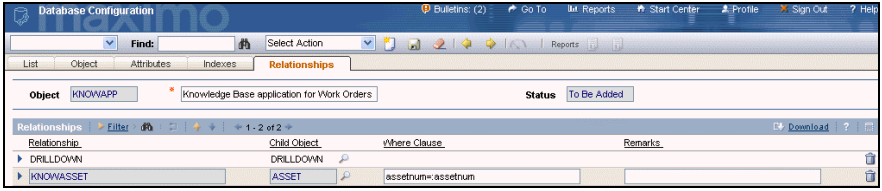
Step	Action
1	Open the <b>Database Configuration</b> application, then find and select your new <b>KNOWAPP</b> object.
2	Open the <b>Relationships</b> tab.
3	<p>Click <b>New Row</b>.</p> <p><u>Result:</u> A new row opens for editing.</p> 

continued on next page

## Creating a New Application with Database Configuration continued

### Create a New Relationship

continued

Step	Action								
4	Enter the following values: <table border="0"> <tr> <td><b><u>Field</u></b></td> <td><b><u>Value</u></b></td> </tr> <tr> <td><b>Relationship</b></td> <td>KNOWASSET</td> </tr> <tr> <td><b>Child Object</b></td> <td>ASSET</td> </tr> <tr> <td><b>Where Clause</b></td> <td>assetnum=:assetnum</td> </tr> </table>	<b><u>Field</u></b>	<b><u>Value</u></b>	<b>Relationship</b>	KNOWASSET	<b>Child Object</b>	ASSET	<b>Where Clause</b>	assetnum=:assetnum
<b><u>Field</u></b>	<b><u>Value</u></b>								
<b>Relationship</b>	KNOWASSET								
<b>Child Object</b>	ASSET								
<b>Where Clause</b>	assetnum=:assetnum								
5	Click <b>New Row</b> and enter the following values: <table border="0"> <tr> <td><b><u>Field</u></b></td> <td><b><u>Value</u></b></td> </tr> <tr> <td><b>Relationship</b></td> <td>DRILLDOWN</td> </tr> <tr> <td><b>Child Object</b></td> <td>DRILLDOWN</td> </tr> </table>	<b><u>Field</u></b>	<b><u>Value</u></b>	<b>Relationship</b>	DRILLDOWN	<b>Child Object</b>	DRILLDOWN		
<b><u>Field</u></b>	<b><u>Value</u></b>								
<b>Relationship</b>	DRILLDOWN								
<b>Child Object</b>	DRILLDOWN								
6	Save your record. <u>Result:</u> Your display should look similar to this one. 								

continued on next page

## Creating a New Application with Database Configuration continued

---

### Reconfigure the Database for Scenario 4

Using the steps below, reconfigure the database.

Note: You should already know how to perform these steps.

Step	Action	Completed?
1	Sign out of Maximo.	
2	Close your browser.	
3	Shut down your Maximo Server.	
4	Wait 2 minutes.	
5	Run the configdb.bat program.	
6	Review the LOG file and ensure that all ran properly.	
7	Start your Maximo Server.	
8	Sign in to Maximo and verify that the KNOWAPP object and its attributes and relationships have been created.	

## Creating a New Power Application—Layout

---

### Introduction

Now that the database is reconfigured with a new object, we will use Application Designer to create a new power application for the new database object.

---

### Creating New Applications

Using Application Designer, you can create three different types of applications:

- A power application
- A single-page application
- A self-service application



### Revisiting Scenario 4: Creating a New Application

A decision has been made to capture information from a work order about the asset in a simple knowledge base. You have decided to create a new object in Maximo for your asset knowledge base. The new application will require you to create a new table domain, an object, and relationships, and to use the Application Designer to allow your end-users access to the new application.

In the following sets of exercises for Scenario 4, we will use the Application Designer application to create a new power application associated with the Work Order module.

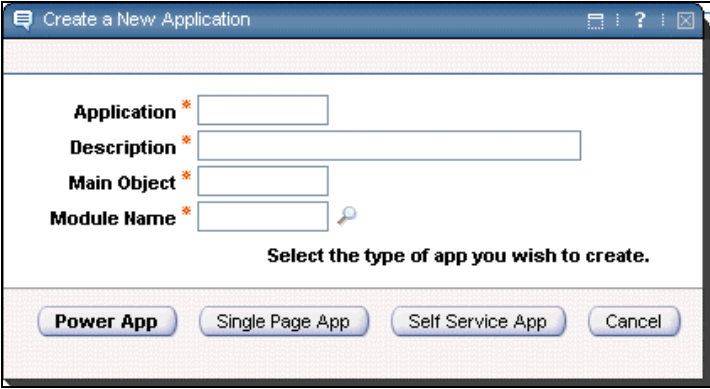
---

continued on next page

## Creating a New Power Application—Layout continued

### Creating a New Power Application

We will create a new power application for our asset knowledge base. Use the following steps.

Step	Action										
1	<p>Open the <b>Application Designer</b> application, then click <b>New Application Definition</b> to insert a new application.</p> <p><u>Result:</u> The Create a New Application dialog box opens.</p> 										
2	<p>Enter the following data:</p> <table border="1" data-bbox="511 1157 1347 1381"> <thead> <tr> <th><u>Field</u></th> <th><u>Value</u></th> </tr> </thead> <tbody> <tr> <td><b>Application</b></td> <td>KNOWAPP</td> </tr> <tr> <td><b>Description</b></td> <td>WO Asset Knowledge Base Application</td> </tr> <tr> <td><b>Main Object</b></td> <td>KNOWAPP</td> </tr> <tr> <td><b>Module Name</b></td> <td>WO</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Application</b>	KNOWAPP	<b>Description</b>	WO Asset Knowledge Base Application	<b>Main Object</b>	KNOWAPP	<b>Module Name</b>	WO
<u>Field</u>	<u>Value</u>										
<b>Application</b>	KNOWAPP										
<b>Description</b>	WO Asset Knowledge Base Application										
<b>Main Object</b>	KNOWAPP										
<b>Module Name</b>	WO										
3	<p>Click the <b>Power App</b> button.</p> <p><u>Result:</u> Maximo creates and displays a new power application.</p>										

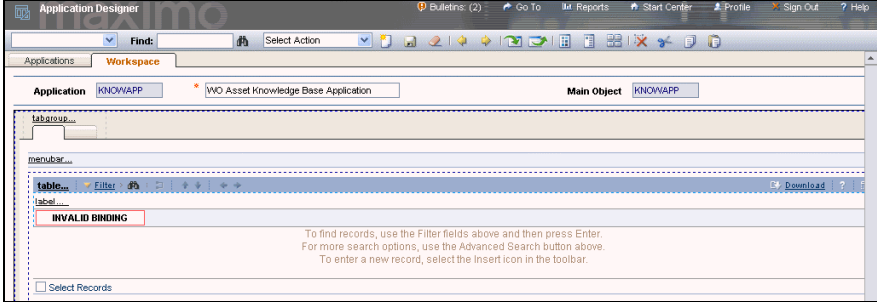

continued on next page



## Creating a New Power Application—Layout continued

### Creating a New Power Application

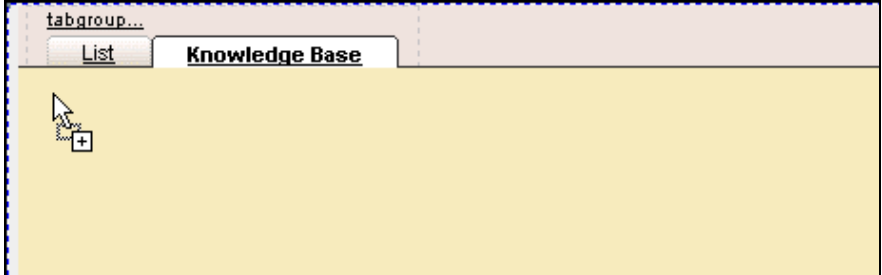
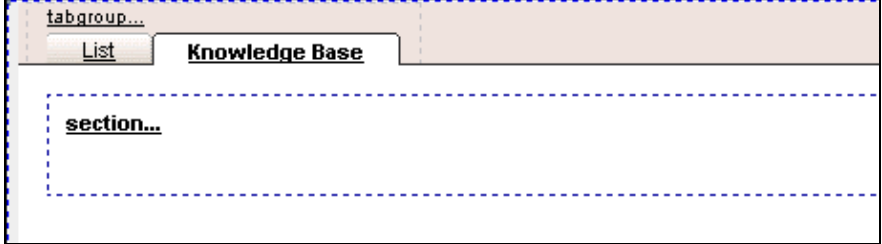
continued

Step	Action
<p>4</p>	<p><b>Save</b> the record.</p> <p><u>Result:</u> Your display should look similar to this one.</p>  <p>The screenshot shows the 'Application Designer' workspace for 'KNOWAPP' (WO Asset Knowledge Base Application). It features a 'table...' component with a 'Filter' button and a 'label...' component. The label displays the text 'INVALID BINDING' in a red box. Below the label, there is a message: 'To find records, use the Filter fields above and then press Enter. For more search options, use the Advanced Search button above. To enter a new record, select the insert icon in the toolbar.' A 'Select Records' checkbox is visible at the bottom left of the table area.</p>
	<p><u>Note:</u> A power application has at least two tabs: List and Main. The first tab is the standard Maximo List tab. An “Invalid Binding” also displays (on the List tab), which means that the field is not bound to a valid attribute of the selected object for the application. This message clears after the field is bound to the correct attribute in the database or the attribute is defined in the database.</p>

continued on next page

## Creating a New Power Application—Layout continued

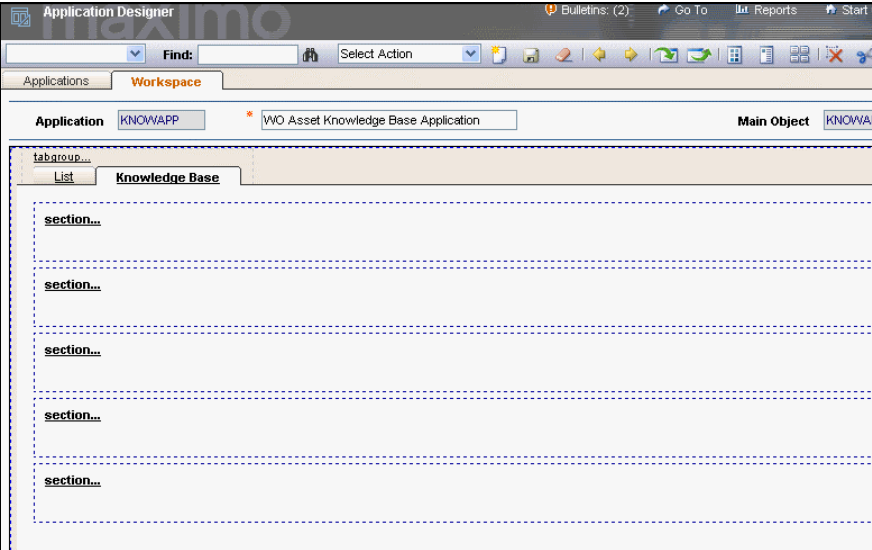
**Adding Sections** Use the following steps to make the necessary changes to your new KNOWAPP power application.

Step	Action
1	Keeping with the standard Maximo naming conventions, and using the information that you have learned thus far, click to select the <b>Main</b> tab and change its name to <b>Knowledge Base</b> .
2	<p>Now we need to design the layout for the <b>Knowledge Base</b> tab. We will first add five sections. A section must be at the foundation before anything else.</p> <p>Open the <b>Control Palette</b>, then select the <b>Section</b> control and drag it to the white space underneath the Tab control's title.</p>  <p><u>Result:</u> Your display should look similar to this one.</p> 

continued on next page

## Creating a New Power Application—Layout continued

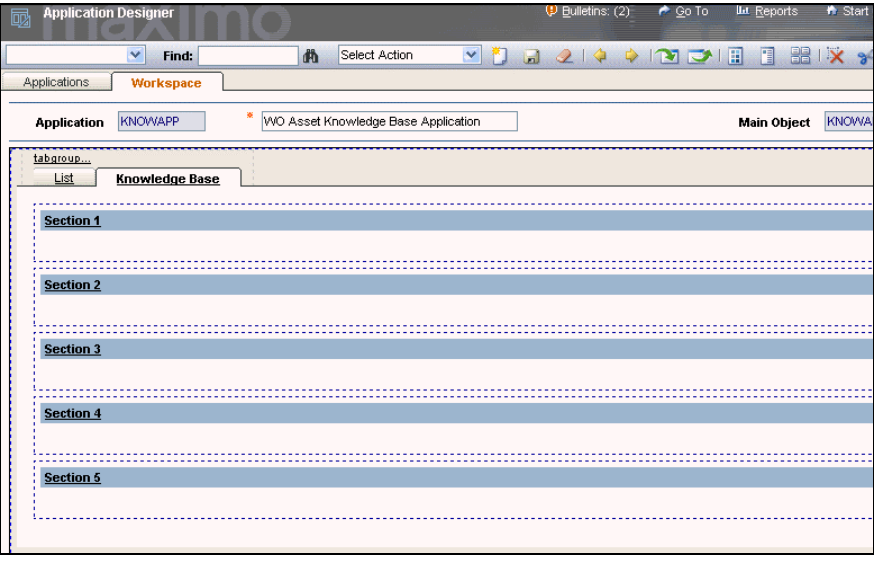
### Adding Sections continued

Step	Action
3	<p>Repeat the process four more times until you have five sections.  <b>Result:</b> Your display should look similar to this one.</p>  <p>The screenshot shows the Application Designer interface. At the top, there's a menu bar with 'Buletins: (2)', 'Go To', 'Reports', and 'Start'. Below that is a toolbar with various icons. The main workspace is titled 'Workspace' and contains an 'Application' named 'KNOWAPP' and a 'Main Object' named 'KNOWA'. The application is displayed as a 'Knowledge Base' with a 'List' tab and a 'Knowledge Base' tab. The 'Knowledge Base' tab shows five sections, each labeled 'section...'. The sections are arranged vertically and separated by dashed lines.</p>
4	<p>Select the top section, open the <b>Section Properties</b> dialog box, and change the <b>Label</b> property to <b>Section 1</b>.</p>

continued on next page

## Creating a New Power Application—Layout continued

### Adding Sections continued

Step	Action
5	<p>Repeat the process for the remaining four sections, naming them Section 2 through Section 5.</p> <p><u>Result:</u> Your display should look similar to this one.</p>  <p>The screenshot shows the 'Application Designer' interface. At the top, there's a menu bar with 'Applications' and 'Workspace'. Below that, the 'Application' is set to 'KNOWAPP' and the 'Main Object' is 'KNOWA'. The main workspace displays a 'Knowledge Base' application with a 'List' view. The list contains five entries, each labeled 'Section 1' through 'Section 5', arranged vertically. Each entry is represented by a blue bar with a dashed border.</p>
6	Save the record.

continued on next page

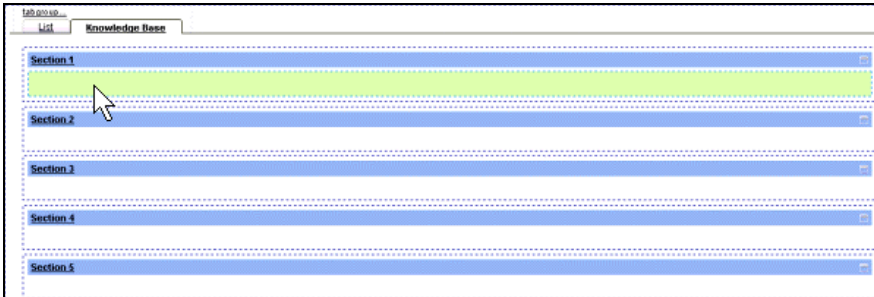
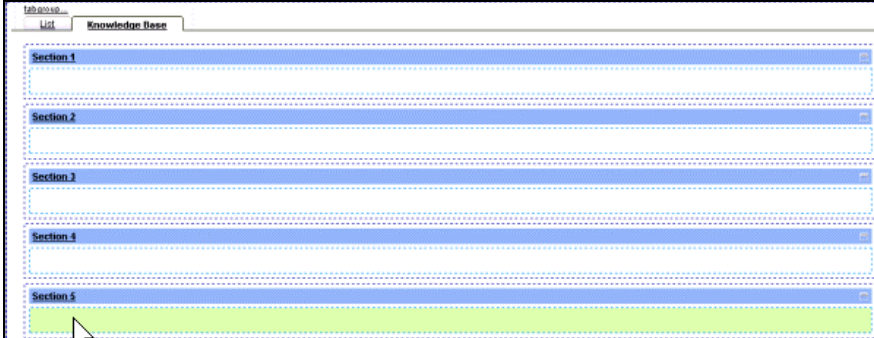
## Creating a New Power Application—Layout continued

### Creating Section Rows

You could add fields directly into a section; however, this would not allow you to have multiple rows/columns. For multiple rows, you use the Section Rows control.

Use the following steps to add section rows to your application.

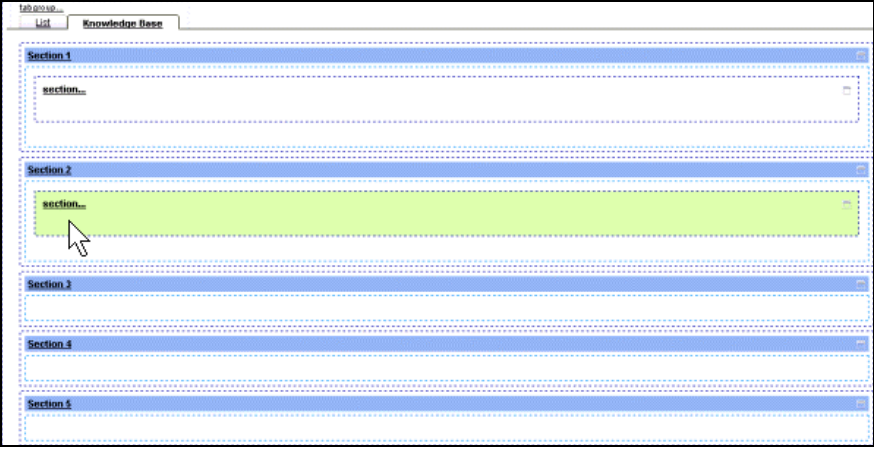
Note: Section rows are added directly into a section.

Step	Action
1	<p>Now we need to add section rows to each of the five sections. Add a Section Row to Section 1.</p> <p>Open the <b>Control Palette</b>, select the <b>Section Row</b> control, and drag it onto <b>Section 1</b>.</p> <p><u>Result:</u> Your display should look similar to this one.</p> 
2	<p>Repeat the process for the remaining four sections.</p> <p><u>Result:</u> Your display should look similar to this one.</p> 
3	<p><b>Save</b> the record.</p>

continued on next page

## Creating a New Power Application—Layout continued

### Creating Section Rows continued

Step	Action
4	<p>Remember that fields are added into sections, so now we must add a section into each of the section rows in Sections 1 and 2.</p> <p>For <b>Sections 1 and 2</b>, add a section into each of their section rows.</p> <p><u>Result:</u> Your display should look similar to this one.</p>  <p>The screenshot shows a window titled 'Tab name...' with a 'List' tab and a 'Knowledge Base' header. Below the header, there are five section rows labeled 'Section 1' through 'Section 5'. Each section row contains a 'section...' field. The 'Section 2' row is highlighted in green, and a mouse cursor is pointing at the 'section...' field within it.</p>
5	<p><b>Save</b> the record.</p>

continued on next page

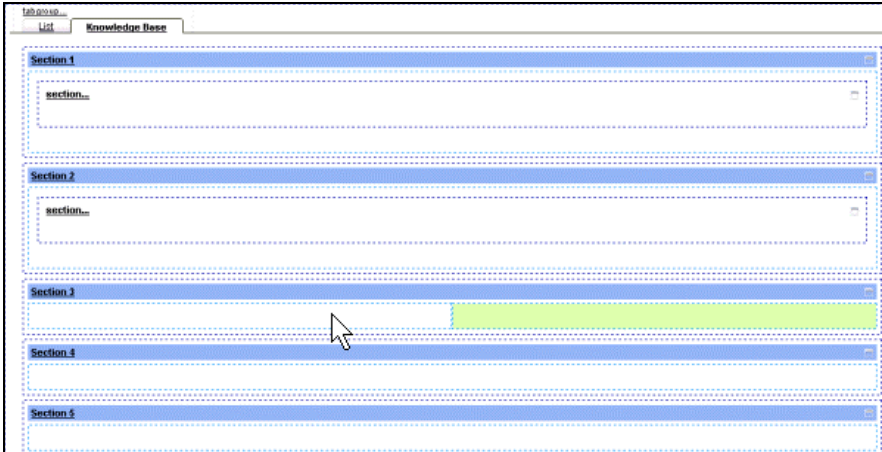
## Creating a New Power Application—Layout continued

### Creating Section Columns

You could add fields directly into a section; however, this would not allow you to have multiple rows/columns. For multiple columns, you use the Section Columns control.

Use the following steps to add section columns into your application.

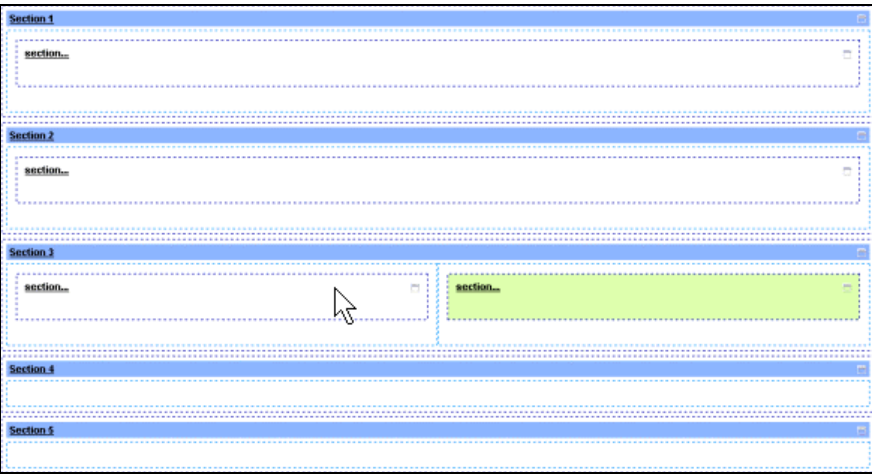
Note: Section columns cannot be added directly into a section. You must have a section row as a foundation for a section column.

Step	Action
1	<p>Now we need to add two section columns into Section 3.</p> <p>Open the <b>Control Palette</b>, select the <b>Section Columns</b> control, and drag it onto the <b>Section Row</b> of <b>Section 3</b>.</p> <p><u>Result:</u> Your display should look similar to this one. Notice that by the nature of columns, when you drag one Section Column control, two Section Column controls are created.</p> 

continued on next page

## Creating a New Power Application—Layout continued

### Creating Section Columns continued

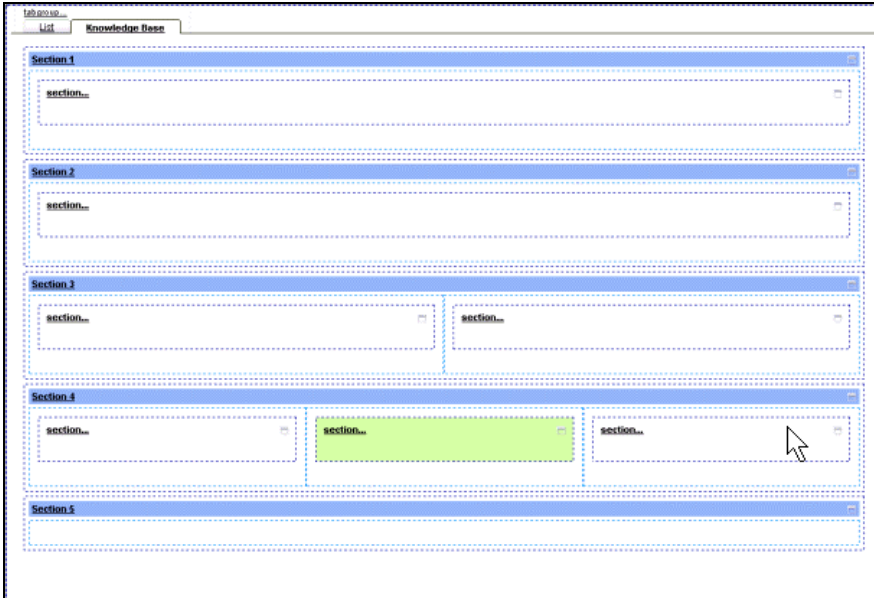
Step	Action
2	<p>Remember that we add fields to sections. Now we must add a section into each of the section columns.</p> <p>Open the <b>Control Palette</b>, select the <b>Section</b> control, and drag it onto the <b>first Section Column</b> of <b>Section 3</b>.</p>
3	<p>Select another <b>Section</b> control, and drag it onto the <b>second Section Column</b> of <b>Section 3</b>.</p> <p><u>Result:</u> Your display should look similar to this one.</p> 
4	<p><b>Save</b> the record.</p>

continued on next page



## Creating a New Power Application—Layout continued

### Creating Section Columns continued

Step	Action
5	<p>Section 4 requires three columns. Repeat the process for Section 4 by adding two Section Column controls (making three section columns) and a Section control for each section column.</p> <p><u>Result:</u> Your display should look similar to this one.</p> 
6	<p><b>Save</b> the record.</p> <p><u>Note:</u> Section 5 is a “dummy” section and will be deleted, so make no entries into this section. We created this section on our initial layout because it is easier to work with an extra section.</p>

continued on next page

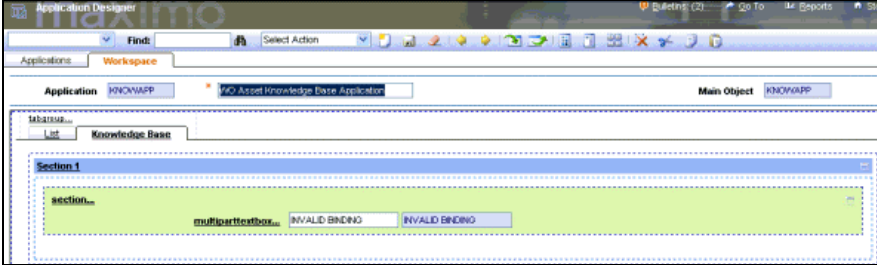
## Creating a New Power Application—Fields

### Introduction

Now that we have laid out the foundation of our new Knowledge Base application, we can add the various fields to the form and connect them to the Knowledge Base’s Object’s attributes we created earlier.

### Section 1 Controls

Use the following steps to create the Multipart Textbox control for Section 1.

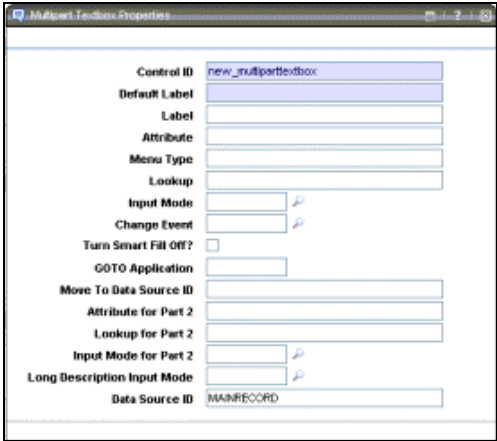

Step	Action
1	<p>From the <b>Control Palette</b>, drag the <b>Multipart Textbox</b> control into the Section control of <b>Section 1</b>.</p> <p><u>Result:</u> Your display should look similar to this one.</p>  <p>The screenshot shows the Application Designer workspace. At the top, there's a menu bar with 'File', 'Edit', 'View', 'Tools', 'Window', and 'Help'. Below that is a toolbar with various icons. The main workspace is divided into several panes. On the left, there's a 'Main Object' pane showing 'KNOWAPP'. In the center, there's a 'Section 1' control. Inside 'Section 1', a 'multiparttextbox...' control has been added, which is currently showing 'INVALID BINDING'.</p>

continued on next page

## Creating a New Power Application—Fields continued

### Section 1 Controls

continued

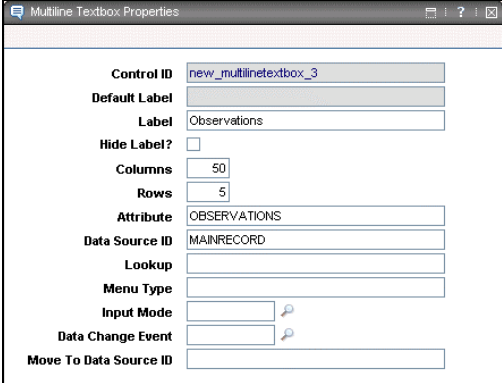
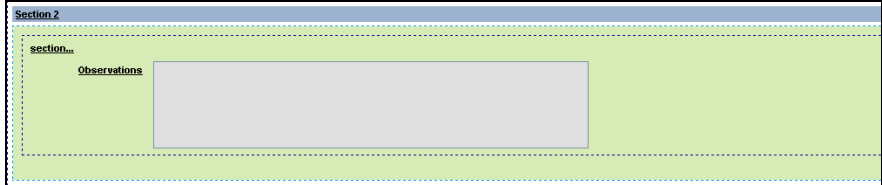
Step	Action										
2	<p>Open the <b>Control Properties</b> dialog box for the <b>Multipart Textbox</b> control.</p> <p><u>Result:</u> The Multipart Textbox Properties dialog box opens.</p> 										
3	<p>Enter the following values:</p> <table border="1" data-bbox="557 1178 1089 1402"> <thead> <tr> <th><u>Field</u></th> <th><u>Value</u></th> </tr> </thead> <tbody> <tr> <td><b>Label</b></td> <td>Knowledge ID</td> </tr> <tr> <td><b>Attribute</b></td> <td>KNOWNUM</td> </tr> <tr> <td><b>Menu Type</b></td> <td>LOOKUP</td> </tr> <tr> <td><b>Attribute for Part 2</b></td> <td>DESCRIPTION</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Label</b>	Knowledge ID	<b>Attribute</b>	KNOWNUM	<b>Menu Type</b>	LOOKUP	<b>Attribute for Part 2</b>	DESCRIPTION
<u>Field</u>	<u>Value</u>										
<b>Label</b>	Knowledge ID										
<b>Attribute</b>	KNOWNUM										
<b>Menu Type</b>	LOOKUP										
<b>Attribute for Part 2</b>	DESCRIPTION										
4	<p>Close the <b>Multipart Textbox Properties</b> dialog box and <b>save</b> the record.</p> <p><u>Result:</u> Your display should look similar to this one.</p> 										

continued on next page

## Creating a New Power Application—Fields continued

### Section 2 Controls

Use the following steps to create the controls for Section 2.

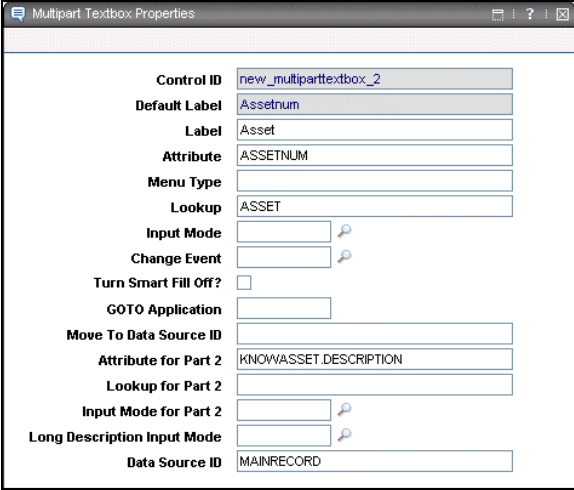
Step	Action										
1	Create a <b>Multiline Textbox</b> control in <b>Section 2</b> .										
2	<p>Select the <b>Multiline Textbox</b> control in <b>Section 2</b>, open the <b>Control Properties</b> dialog box for the Multiline Textbox control, and enter the following information:</p> <table border="1" data-bbox="509 699 992 919"> <thead> <tr> <th><u>Field</u></th> <th><u>Value</u></th> </tr> </thead> <tbody> <tr> <td><b>Label</b></td> <td>Observations</td> </tr> <tr> <td><b>Columns</b></td> <td>50</td> </tr> <tr> <td><b>Rows</b></td> <td>5</td> </tr> <tr> <td><b>Attribute</b></td> <td>OBSERVATIONS</td> </tr> </tbody> </table> <p><u>Result:</u> Your control should look similar to this one.</p> 	<u>Field</u>	<u>Value</u>	<b>Label</b>	Observations	<b>Columns</b>	50	<b>Rows</b>	5	<b>Attribute</b>	OBSERVATIONS
<u>Field</u>	<u>Value</u>										
<b>Label</b>	Observations										
<b>Columns</b>	50										
<b>Rows</b>	5										
<b>Attribute</b>	OBSERVATIONS										
3	<p>Close the <b>Multiline Textbox Properties</b> dialog box and <b>save</b> the record.</p> <p><u>Result:</u> Your display should look similar to this one.</p> 										

continued on next page

## Creating a New Power Application—Fields continued

### Section 3 Controls

Earlier in this course we created a relationship, KNOWASSET, using the Database Configuration application. Now we can use that relationship to automatically populate the Description field when we select a particular asset. Use the following steps to create the controls for Section 3.

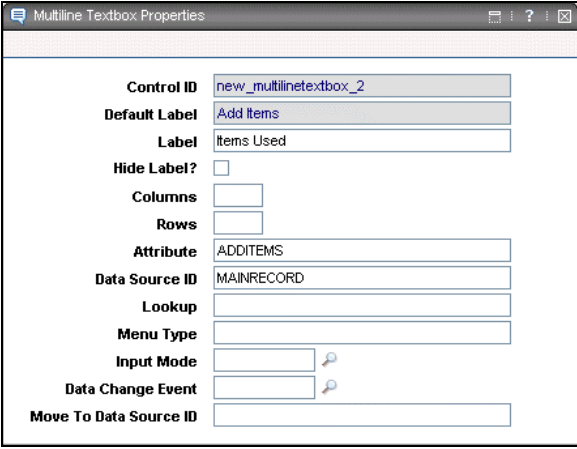
Step	Action										
1	<p>In the <b>first</b> column of <b>Section 3</b>, create a <b>Multipart Textbox</b> control:</p> <table border="0"> <tr> <td><b><u>Field</u></b></td> <td><b><u>Value</u></b></td> </tr> <tr> <td><b>Label</b></td> <td>ASSET</td> </tr> <tr> <td><b>Attribute</b></td> <td>ASSETNUM</td> </tr> <tr> <td><b>Lookup</b></td> <td>ASSET</td> </tr> <tr> <td><b>Attribute for Part 2</b></td> <td>KNOWASSET.DESCRPTION</td> </tr> </table> <p><u>Result</u>: Your control should look similar to this one.</p> 	<b><u>Field</u></b>	<b><u>Value</u></b>	<b>Label</b>	ASSET	<b>Attribute</b>	ASSETNUM	<b>Lookup</b>	ASSET	<b>Attribute for Part 2</b>	KNOWASSET.DESCRPTION
<b><u>Field</u></b>	<b><u>Value</u></b>										
<b>Label</b>	ASSET										
<b>Attribute</b>	ASSETNUM										
<b>Lookup</b>	ASSET										
<b>Attribute for Part 2</b>	KNOWASSET.DESCRPTION										

continued on next page

## Creating a New Power Application—Fields continued

### Section 3 Controls

continued

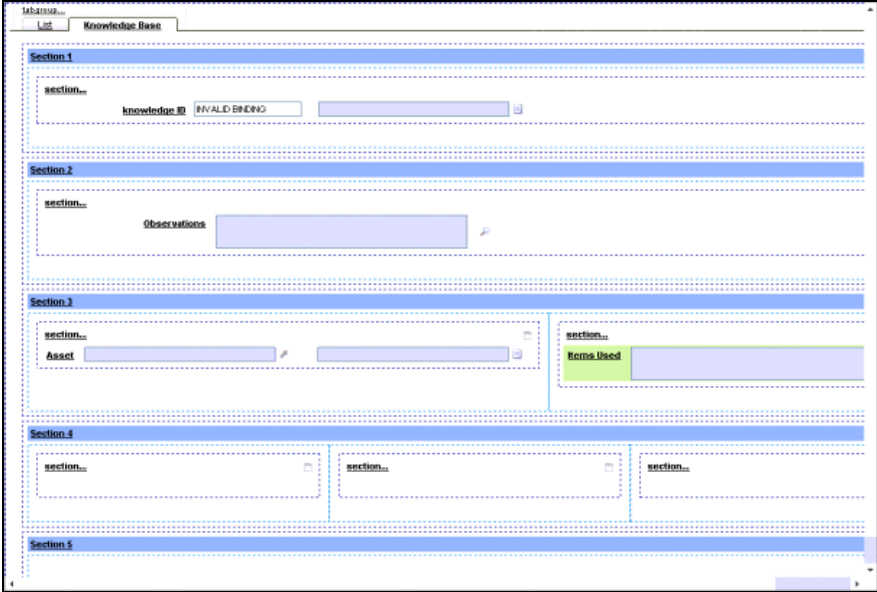
Step	Action						
2	<p>In the <b>second</b> column of <b>Section 3</b>, create a <b>Multiline Textbox</b> control:</p> <table border="0"> <tr> <td><b><u>Field</u></b></td> <td><b><u>Value</u></b></td> </tr> <tr> <td><b>Label</b></td> <td>Items Used</td> </tr> <tr> <td><b>Attribute</b></td> <td>ADDITEMS</td> </tr> </table> <p><u>Result</u>: Your control should look similar to this one.</p> 	<b><u>Field</u></b>	<b><u>Value</u></b>	<b>Label</b>	Items Used	<b>Attribute</b>	ADDITEMS
<b><u>Field</u></b>	<b><u>Value</u></b>						
<b>Label</b>	Items Used						
<b>Attribute</b>	ADDITEMS						

continued on next page

## Creating a New Power Application—Fields continued

### Section 3 Controls

continued

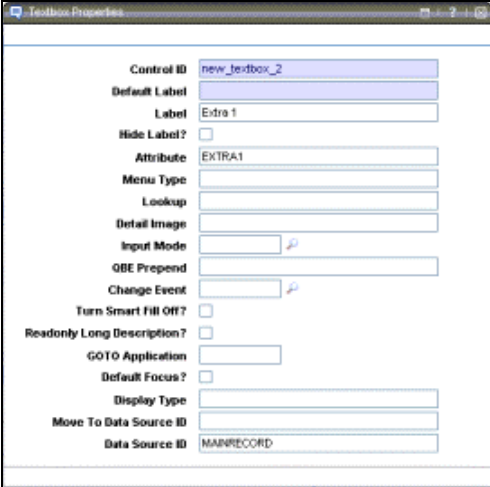
Step	Action
3	<p>Save the record.</p> <p><u>Result:</u> Your display should look similar to this one.</p> 

continued on next page

## Creating a New Power Application—Fields continued

### Section 4 Controls

Use the following steps to create the controls for Section 4.

Step	Action						
1	In the <b>first</b> column of <b>Section 4</b> , create <i>four</i> <b>Textbox</b> controls.						
2	<p>In the <b>first</b> column of <b>Section 4</b>, modify the <i>first</i> <b>Textbox</b> control, as follows:</p> <table border="0"> <thead> <tr> <th data-bbox="511 661 625 697"><u>Field</u></th> <th data-bbox="722 661 820 697"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="511 709 592 745"><b>Label</b></td> <td data-bbox="722 709 828 745">Extra 1</td> </tr> <tr> <td data-bbox="511 758 641 793"><b>Attribute</b></td> <td data-bbox="722 758 852 793">EXTRA1</td> </tr> </tbody> </table> <p><u>Result:</u> Your control should look similar to this one.</p> 	<u>Field</u>	<u>Value</u>	<b>Label</b>	Extra 1	<b>Attribute</b>	EXTRA1
<u>Field</u>	<u>Value</u>						
<b>Label</b>	Extra 1						
<b>Attribute</b>	EXTRA1						

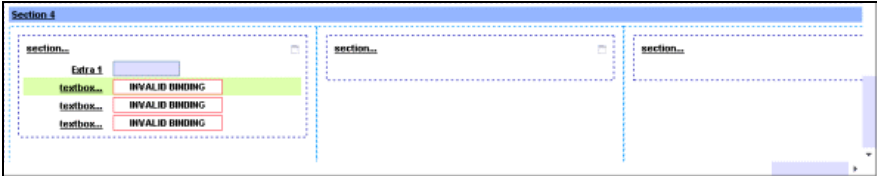
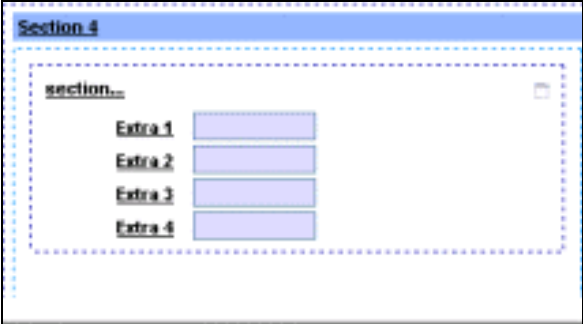
continued on next page



## Creating a New Power Application—Fields continued

### Section 4 Controls

continued

Step	Action
3	<p>Close the <b>Textbox Properties</b> dialog box.</p> <p><u>Result:</u> Your display should look similar to this one.</p> 
4	<p>Repeat step 1 for each of the three remaining Textbox controls in Section 4 for the three remaining attributes: <b>EXTRA2</b>, <b>EXTRA3</b>, and <b>EXTRA4</b>.</p> <p><u>Result:</u> Your display should look like this one.</p> 

continued on next page

## Creating a New Power Application—Fields continued

**Section 4  
Controls**

continued

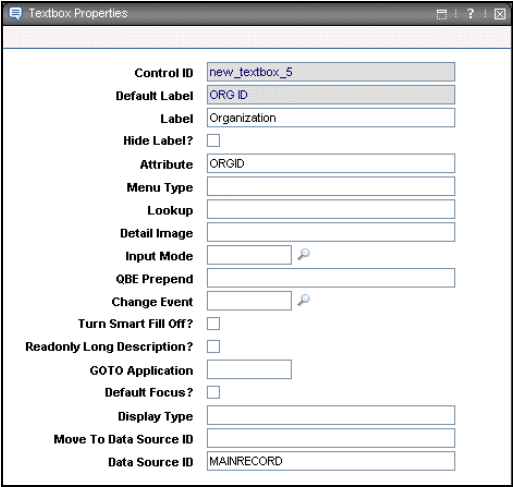
Step	Action						
5	<p>In the <b>second</b> column of <b>Section 4</b>, create a <b>Textbox</b> control:</p> <table border="0"> <tr> <td><b><u>Field</u></b></td> <td><b><u>Value</u></b></td> </tr> <tr> <td><b>Label</b></td> <td>Site</td> </tr> <tr> <td><b>Attribute</b></td> <td>SITEID</td> </tr> </table> <p><u>Result:</u> Your control should look similar to this one.</p> 	<b><u>Field</u></b>	<b><u>Value</u></b>	<b>Label</b>	Site	<b>Attribute</b>	SITEID
<b><u>Field</u></b>	<b><u>Value</u></b>						
<b>Label</b>	Site						
<b>Attribute</b>	SITEID						

continued on next page

## Creating a New Power Application—Fields continued

### Section 4 Controls

continued

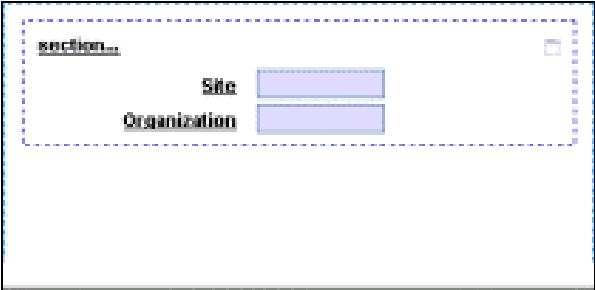
Step	Action						
6	<p>In the <b>second</b> column of <b>Section 4</b>, create a second <b>Textbox</b> control:</p> <table border="0"> <tr> <td data-bbox="558 617 630 651"><b><u>Field</u></b></td> <td data-bbox="776 617 857 651"><b><u>Value</u></b></td> </tr> <tr> <td data-bbox="558 663 639 697"><b>Label</b></td> <td data-bbox="776 663 954 697">Organization</td> </tr> <tr> <td data-bbox="558 709 688 743"><b>Attribute</b></td> <td data-bbox="776 709 880 743">ORGID</td> </tr> </table> <p><b><u>Result:</u></b> Your control should look similar to this one.</p> 	<b><u>Field</u></b>	<b><u>Value</u></b>	<b>Label</b>	Organization	<b>Attribute</b>	ORGID
<b><u>Field</u></b>	<b><u>Value</u></b>						
<b>Label</b>	Organization						
<b>Attribute</b>	ORGID						

continued on next page

## Creating a New Power Application—Fields continued

### Section 4 Controls

continued

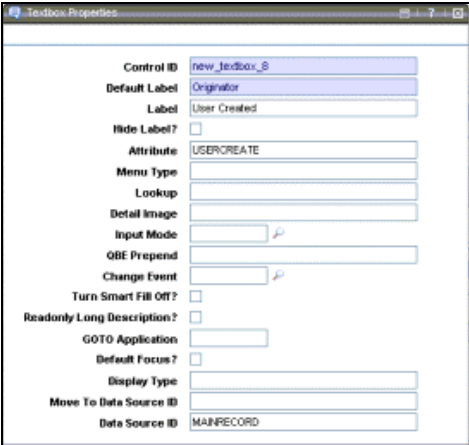
Step	Action
7	<p>Save the record.</p> <p><u>Result:</u> Your display should look similar to this one.</p>  <p>The screenshot shows a form with a dashed blue border. At the top left, the text 'section...' is visible. Below it, there are two input fields. The first is labeled 'Site' and the second is labeled 'Organization'. Both fields are currently empty.</p>

continued on next page

## Creating a New Power Application—Fields continued

**Section 4  
Controls**

continued

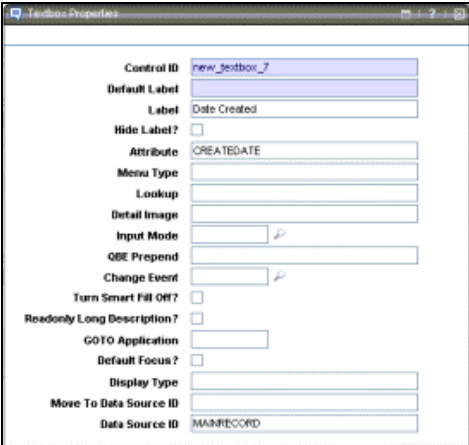
Step	Action						
8	<p>In the <b>third</b> column of <b>Section 4</b>, create a <b>Textbox</b> control:</p> <table data-bbox="558 577 993 703"> <tr> <td><b>Field</b></td> <td><b>Value</b></td> </tr> <tr> <td><b>Label</b></td> <td>User Created</td> </tr> <tr> <td><b>Attribute</b></td> <td>USERCREATE</td> </tr> </table> <p><u>Result</u>: Your control should look similar to this one.</p> 	<b>Field</b>	<b>Value</b>	<b>Label</b>	User Created	<b>Attribute</b>	USERCREATE
<b>Field</b>	<b>Value</b>						
<b>Label</b>	User Created						
<b>Attribute</b>	USERCREATE						

continued on next page

## Creating a New Power Application—Fields continued

**Section 4  
Controls**

continued

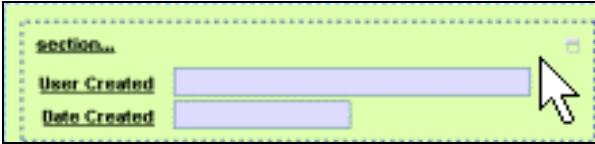


Step	Action						
9	<p>In the <b>third</b> column of <b>Section 4</b>, create a second <b>Textbox</b> control:</p> <table border="0"> <tr> <td><b><u>Field</u></b></td> <td><b><u>Value</u></b></td> </tr> <tr> <td><b>Label</b></td> <td>Date Created</td> </tr> <tr> <td><b>Attribute</b></td> <td>CREATEDATE</td> </tr> </table> <p><u>Result:</u> Your control should look similar to this one.</p> 	<b><u>Field</u></b>	<b><u>Value</u></b>	<b>Label</b>	Date Created	<b>Attribute</b>	CREATEDATE
<b><u>Field</u></b>	<b><u>Value</u></b>						
<b>Label</b>	Date Created						
<b>Attribute</b>	CREATEDATE						

continued on next page

## Creating a New Power Application—Fields continued

### Section 4 Controls

continued

Step	Action
10	<p>Save the record.</p> <p><u>Result:</u> Your display should look similar to this one.</p>  <p>The screenshot shows a light green rectangular area with a dashed border. At the top left, it says 'section...'. Below that are two rows: 'User Created' followed by a long blue text input field, and 'Date Created' followed by a shorter blue text input field. A mouse cursor is pointing at the right side of the 'User Created' field.</p>
11	<p>Now that we have added all of the controls to each of the four sections, we can remove the fifth section.</p> <p>Select <b>Section 5</b> and click either <b>Delete Node</b>  or <b>Cut</b> .</p>

continued on next page

## Creating a New Power Application—Fields continued

### Object's Attributes and Controls

When you are finished, your controls should map to the Object's attributes, as follows:

Control	Location	Attribute
Multipart Textbox	Section 1	KNOWNUM
<i>Part of Multipart, above</i>	Section 1	DESCRIPTION
<i>Part of Multipart, above</i>	Section 1	DESCRIPTION_ LONGDESCRIPTION
<i>Not Shown</i>	<i>Not Shown</i>	HASLD
<i>Not Shown</i>	<i>Not Shown</i>	LANGCODE
Multipart Textbox	Section 3 Column 1	ASSETNUM
Multiline Textbox	Section 2	OBSERVATIONS
Multiline Textbox	Section 3 Column 2	ADDITEMS
Textbox	Section 4 Column 3	CREATEDATE (Default Value: &SYSDATE&)
Textbox	Section 4 Column 3	USERCREATE (Default Value: &USERNAME&)
Textbox	Section 4 Column 2	SITEID
Textbox	Section 4 Column 2	ORG
Textbox	Section 4 Column 1	Extra 1
Textbox	Section 4 Column 1	Extra 2
Textbox	Section 4 Column 1	Extra 3
Textbox	Section 4 Column 1	Extra 4



## Customizing the Application

### Introduction

The next steps in our new WO Asset Knowledge Base power application include setting the security options, adding actions, adding toolbar icons, and adding search items.

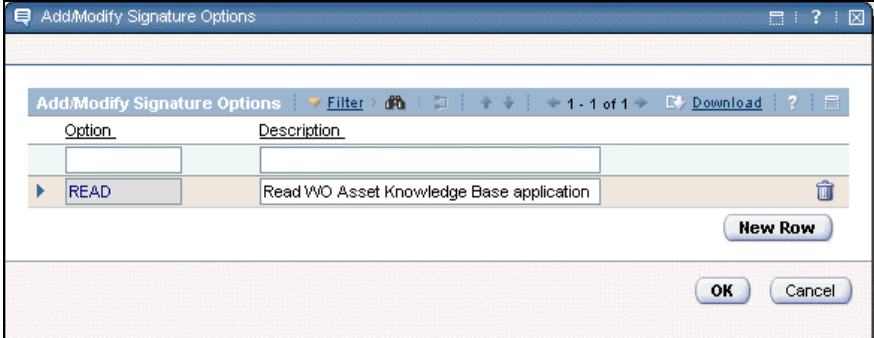
Note: After you add signature security options, toolbar icons, or search items, note that they will not display in the application until applicable security is set for each security group.

### Signature Security Options

Signature Security options are the same as for existing applications. When you create a custom application, Maximo defaults to READ only; therefore, you must add the remainder of the desired access requirements.

### Adding Signature Security Options

Our new WO Asset Knowledge Base power application is currently set to READ only, by default. Complete the following steps to add more security options.

Step	Action
1	<p>From the <b>Select Action</b> menu, select <b>Add/Modify Signature Options</b>.</p> <p><u>Result:</u> The Add/Modify Signature Options dialog box opens.</p> 

continued on next page

## Customizing the Application continued

Adding  
Signature  
Security Options

continued

Step	Action														
2	<p>Click the <b>View Details</b> button for the READ option, then enter the following information:</p> <table border="0"> <thead> <tr> <th data-bbox="509 646 581 678"><u>Field</u></th> <th data-bbox="834 646 915 678"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="509 695 607 726"><b>Option</b></td> <td data-bbox="834 695 922 726">READ</td> </tr> <tr> <td data-bbox="509 743 672 774"><b>Description</b></td> <td data-bbox="834 743 1159 774">Read Knowledge Base</td> </tr> <tr> <td data-bbox="509 791 781 823"><b>Option Also Grants</b></td> <td data-bbox="834 791 1382 823">CLEAR, NEXT, PREVIOUS, BOOKMARK</td> </tr> <tr> <td data-bbox="509 840 797 871"><b>Option Also Revokes</b></td> <td data-bbox="834 840 894 871">ALL</td> </tr> <tr> <td data-bbox="509 888 680 919"><b>Prerequisite</b></td> <td data-bbox="834 888 1024 919">[Leave Blank]</td> </tr> <tr> <td data-bbox="509 936 607 968"><b>Visible</b></td> <td data-bbox="834 936 976 968">[Checked]</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Option</b>	READ	<b>Description</b>	Read Knowledge Base	<b>Option Also Grants</b>	CLEAR, NEXT, PREVIOUS, BOOKMARK	<b>Option Also Revokes</b>	ALL	<b>Prerequisite</b>	[Leave Blank]	<b>Visible</b>	[Checked]
<u>Field</u>	<u>Value</u>														
<b>Option</b>	READ														
<b>Description</b>	Read Knowledge Base														
<b>Option Also Grants</b>	CLEAR, NEXT, PREVIOUS, BOOKMARK														
<b>Option Also Revokes</b>	ALL														
<b>Prerequisite</b>	[Leave Blank]														
<b>Visible</b>	[Checked]														
3	<p>Click <b>New Row</b> and enter the following information:</p> <table border="0"> <thead> <tr> <th data-bbox="509 1031 581 1062"><u>Field</u></th> <th data-bbox="834 1031 915 1062"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="509 1079 607 1110"><b>Option</b></td> <td data-bbox="834 1079 948 1110">INSERT</td> </tr> <tr> <td data-bbox="509 1127 672 1159"><b>Description</b></td> <td data-bbox="834 1127 1159 1159">Insert Knowledge Base</td> </tr> <tr> <td data-bbox="509 1176 781 1207"><b>Option Also Grants</b></td> <td data-bbox="834 1176 922 1207">SAVE</td> </tr> <tr> <td data-bbox="509 1224 797 1255"><b>Option Also Revokes</b></td> <td data-bbox="834 1224 1024 1255">[Leave Blank]</td> </tr> <tr> <td data-bbox="509 1272 680 1304"><b>Prerequisite</b></td> <td data-bbox="834 1272 922 1304">READ</td> </tr> <tr> <td data-bbox="509 1320 607 1352"><b>Visible</b></td> <td data-bbox="834 1320 976 1352">[Checked]</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Option</b>	INSERT	<b>Description</b>	Insert Knowledge Base	<b>Option Also Grants</b>	SAVE	<b>Option Also Revokes</b>	[Leave Blank]	<b>Prerequisite</b>	READ	<b>Visible</b>	[Checked]
<u>Field</u>	<u>Value</u>														
<b>Option</b>	INSERT														
<b>Description</b>	Insert Knowledge Base														
<b>Option Also Grants</b>	SAVE														
<b>Option Also Revokes</b>	[Leave Blank]														
<b>Prerequisite</b>	READ														
<b>Visible</b>	[Checked]														
4	<p>Click <b>New Row</b> and enter the following information:</p> <table border="0"> <thead> <tr> <th data-bbox="509 1413 581 1444"><u>Field</u></th> <th data-bbox="834 1413 915 1444"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="509 1461 607 1493"><b>Option</b></td> <td data-bbox="834 1461 922 1493">SAVE</td> </tr> <tr> <td data-bbox="509 1509 672 1541"><b>Description</b></td> <td data-bbox="834 1509 1159 1541">Save Knowledge Base</td> </tr> <tr> <td data-bbox="509 1558 781 1589"><b>Option Also Grants</b></td> <td data-bbox="834 1558 1024 1589">[Leave Blank]</td> </tr> <tr> <td data-bbox="509 1606 797 1638"><b>Option Also Revokes</b></td> <td data-bbox="834 1606 948 1638">INSERT</td> </tr> <tr> <td data-bbox="509 1654 680 1686"><b>Prerequisite</b></td> <td data-bbox="834 1654 922 1686">READ</td> </tr> <tr> <td data-bbox="509 1703 607 1734"><b>Visible</b></td> <td data-bbox="834 1703 976 1734">[Checked]</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Option</b>	SAVE	<b>Description</b>	Save Knowledge Base	<b>Option Also Grants</b>	[Leave Blank]	<b>Option Also Revokes</b>	INSERT	<b>Prerequisite</b>	READ	<b>Visible</b>	[Checked]
<u>Field</u>	<u>Value</u>														
<b>Option</b>	SAVE														
<b>Description</b>	Save Knowledge Base														
<b>Option Also Grants</b>	[Leave Blank]														
<b>Option Also Revokes</b>	INSERT														
<b>Prerequisite</b>	READ														
<b>Visible</b>	[Checked]														

continued on next page

## Customizing the Application continued

Adding  
Signature  
Security Options

continued

Step	Action														
5	<p>Click <b>New Row</b> and enter the following information:</p> <table> <thead> <tr> <th><u>Field</u></th> <th><u>Value</u></th> </tr> </thead> <tbody> <tr> <td><b>Option</b></td> <td>DELETE</td> </tr> <tr> <td><b>Description</b></td> <td>Delete Knowledge Base</td> </tr> <tr> <td><b>Option Also Grants</b></td> <td>[Leave Blank]</td> </tr> <tr> <td><b>Option Also Revokes</b></td> <td>[Leave Blank]</td> </tr> <tr> <td><b>Prerequisite</b></td> <td>READ</td> </tr> <tr> <td><b>Visible</b></td> <td>[Checked]</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Option</b>	DELETE	<b>Description</b>	Delete Knowledge Base	<b>Option Also Grants</b>	[Leave Blank]	<b>Option Also Revokes</b>	[Leave Blank]	<b>Prerequisite</b>	READ	<b>Visible</b>	[Checked]
<u>Field</u>	<u>Value</u>														
<b>Option</b>	DELETE														
<b>Description</b>	Delete Knowledge Base														
<b>Option Also Grants</b>	[Leave Blank]														
<b>Option Also Revokes</b>	[Leave Blank]														
<b>Prerequisite</b>	READ														
<b>Visible</b>	[Checked]														
6	<p>Click <b>New Row</b> and enter the following information:</p> <table> <thead> <tr> <th><u>Field</u></th> <th><u>Value</u></th> </tr> </thead> <tbody> <tr> <td><b>Option</b></td> <td>DUPLICATE</td> </tr> <tr> <td><b>Description</b></td> <td>Duplicate Knowledge Base</td> </tr> <tr> <td><b>Option Also Grants</b></td> <td>[Leave Blank]</td> </tr> <tr> <td><b>Option Also Revokes</b></td> <td>[Leave Blank]</td> </tr> <tr> <td><b>Prerequisite</b></td> <td>INSERT</td> </tr> <tr> <td><b>Visible</b></td> <td>[Checked]</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Option</b>	DUPLICATE	<b>Description</b>	Duplicate Knowledge Base	<b>Option Also Grants</b>	[Leave Blank]	<b>Option Also Revokes</b>	[Leave Blank]	<b>Prerequisite</b>	INSERT	<b>Visible</b>	[Checked]
<u>Field</u>	<u>Value</u>														
<b>Option</b>	DUPLICATE														
<b>Description</b>	Duplicate Knowledge Base														
<b>Option Also Grants</b>	[Leave Blank]														
<b>Option Also Revokes</b>	[Leave Blank]														
<b>Prerequisite</b>	INSERT														
<b>Visible</b>	[Checked]														
7	<p>Click <b>New Row</b> and enter the following information:</p> <table> <thead> <tr> <th><u>Field</u></th> <th><u>Value</u></th> </tr> </thead> <tbody> <tr> <td><b>Option</b></td> <td>ASSOCFOLD</td> </tr> <tr> <td><b>Description</b></td> <td>Associate Folders</td> </tr> <tr> <td><b>Option Also Grants</b></td> <td>[Leave Blank]</td> </tr> <tr> <td><b>Option Also Revokes</b></td> <td>[Leave Blank]</td> </tr> <tr> <td><b>Prerequisite</b></td> <td>[Leave Blank]</td> </tr> <tr> <td><b>Visible</b></td> <td>[Checked]</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Option</b>	ASSOCFOLD	<b>Description</b>	Associate Folders	<b>Option Also Grants</b>	[Leave Blank]	<b>Option Also Revokes</b>	[Leave Blank]	<b>Prerequisite</b>	[Leave Blank]	<b>Visible</b>	[Checked]
<u>Field</u>	<u>Value</u>														
<b>Option</b>	ASSOCFOLD														
<b>Description</b>	Associate Folders														
<b>Option Also Grants</b>	[Leave Blank]														
<b>Option Also Revokes</b>	[Leave Blank]														
<b>Prerequisite</b>	[Leave Blank]														
<b>Visible</b>	[Checked]														

continued on next page

## Customizing the Application continued

**Adding  
Signature  
Security Options**

continued

Step	Action														
8	Click <b>New Row</b> and enter the following information: <table border="0"> <tr> <td><b><u>Field</u></b></td> <td><b><u>Value</u></b></td> </tr> <tr> <td><b>Option</b></td> <td>BOOKMARK</td> </tr> <tr> <td><b>Description</b></td> <td>Add to Bookmarks</td> </tr> <tr> <td><b>Option Also Grants</b></td> <td>[Leave Blank]</td> </tr> <tr> <td><b>Option Also Revokes</b></td> <td>[Leave Blank]</td> </tr> <tr> <td><b>Prerequisite</b></td> <td>[Leave Blank]</td> </tr> <tr> <td><b>Visible</b></td> <td>[Checked]</td> </tr> </table>	<b><u>Field</u></b>	<b><u>Value</u></b>	<b>Option</b>	BOOKMARK	<b>Description</b>	Add to Bookmarks	<b>Option Also Grants</b>	[Leave Blank]	<b>Option Also Revokes</b>	[Leave Blank]	<b>Prerequisite</b>	[Leave Blank]	<b>Visible</b>	[Checked]
<b><u>Field</u></b>	<b><u>Value</u></b>														
<b>Option</b>	BOOKMARK														
<b>Description</b>	Add to Bookmarks														
<b>Option Also Grants</b>	[Leave Blank]														
<b>Option Also Revokes</b>	[Leave Blank]														
<b>Prerequisite</b>	[Leave Blank]														
<b>Visible</b>	[Checked]														
9	Click <b>New Row</b> and enter the following information: <table border="0"> <tr> <td><b><u>Field</u></b></td> <td><b><u>Value</u></b></td> </tr> <tr> <td><b>Option</b></td> <td>CLEAR</td> </tr> <tr> <td><b>Description</b></td> <td>Clear Changes</td> </tr> <tr> <td><b>Option Also Grants</b></td> <td>[Leave Blank]</td> </tr> <tr> <td><b>Option Also Revokes</b></td> <td>[Leave Blank]</td> </tr> <tr> <td><b>Prerequisite</b></td> <td>[Leave Blank]</td> </tr> <tr> <td><b>Visible</b></td> <td>[Checked]</td> </tr> </table>	<b><u>Field</u></b>	<b><u>Value</u></b>	<b>Option</b>	CLEAR	<b>Description</b>	Clear Changes	<b>Option Also Grants</b>	[Leave Blank]	<b>Option Also Revokes</b>	[Leave Blank]	<b>Prerequisite</b>	[Leave Blank]	<b>Visible</b>	[Checked]
<b><u>Field</u></b>	<b><u>Value</u></b>														
<b>Option</b>	CLEAR														
<b>Description</b>	Clear Changes														
<b>Option Also Grants</b>	[Leave Blank]														
<b>Option Also Revokes</b>	[Leave Blank]														
<b>Prerequisite</b>	[Leave Blank]														
<b>Visible</b>	[Checked]														

continued on next page

## Customizing the Application continued

---

Adding  
Signature  
Security Options

continued

Step	Action														
10	Click <b>New Row</b> and enter the following information: <table border="1" data-bbox="553 611 1117 932"> <thead> <tr> <th data-bbox="553 611 846 646"><u>Field</u></th> <th data-bbox="846 611 1117 646"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="553 646 846 695">Option</td> <td data-bbox="846 646 1117 695">MANAGEFOLD</td> </tr> <tr> <td data-bbox="553 695 846 743">Description</td> <td data-bbox="846 695 1117 743">Manage Folders</td> </tr> <tr> <td data-bbox="553 743 846 791">Option Also Grants</td> <td data-bbox="846 743 1117 791">[Leave Blank]</td> </tr> <tr> <td data-bbox="553 791 846 840">Option Also Revokes</td> <td data-bbox="846 791 1117 840">[Leave Blank]</td> </tr> <tr> <td data-bbox="553 840 846 888">Prerequisite</td> <td data-bbox="846 840 1117 888">[Leave Blank]</td> </tr> <tr> <td data-bbox="553 888 846 932">Visible</td> <td data-bbox="846 888 1117 932">[Checked]</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	Option	MANAGEFOLD	Description	Manage Folders	Option Also Grants	[Leave Blank]	Option Also Revokes	[Leave Blank]	Prerequisite	[Leave Blank]	Visible	[Checked]
<u>Field</u>	<u>Value</u>														
Option	MANAGEFOLD														
Description	Manage Folders														
Option Also Grants	[Leave Blank]														
Option Also Revokes	[Leave Blank]														
Prerequisite	[Leave Blank]														
Visible	[Checked]														
11	Click <b>New Row</b> and enter the following information: <table border="1" data-bbox="553 991 1117 1312"> <thead> <tr> <th data-bbox="553 991 846 1026"><u>Field</u></th> <th data-bbox="846 991 1117 1026"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="553 1026 846 1075">Option</td> <td data-bbox="846 1026 1117 1075">MANAGELIB</td> </tr> <tr> <td data-bbox="553 1075 846 1123">Description</td> <td data-bbox="846 1075 1117 1123">Manage Library</td> </tr> <tr> <td data-bbox="553 1123 846 1171">Option Also Grants</td> <td data-bbox="846 1123 1117 1171">[Leave Blank]</td> </tr> <tr> <td data-bbox="553 1171 846 1220">Option Also Revokes</td> <td data-bbox="846 1171 1117 1220">[Leave Blank]</td> </tr> <tr> <td data-bbox="553 1220 846 1268">Prerequisite</td> <td data-bbox="846 1220 1117 1268">[Leave Blank]</td> </tr> <tr> <td data-bbox="553 1268 846 1312">Visible</td> <td data-bbox="846 1268 1117 1312">[Checked]</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	Option	MANAGELIB	Description	Manage Library	Option Also Grants	[Leave Blank]	Option Also Revokes	[Leave Blank]	Prerequisite	[Leave Blank]	Visible	[Checked]
<u>Field</u>	<u>Value</u>														
Option	MANAGELIB														
Description	Manage Library														
Option Also Grants	[Leave Blank]														
Option Also Revokes	[Leave Blank]														
Prerequisite	[Leave Blank]														
Visible	[Checked]														

continued on next page

## Customizing the Application continued

Adding  
Signature  
Security Options

continued

Step	Action														
12	Click <b>New Row</b> and enter the following information: <table border="0"> <thead> <tr> <th data-bbox="509 615 586 646"><u>Field</u></th> <th data-bbox="834 615 911 646"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="509 657 607 688"><b>Option</b></td> <td data-bbox="834 657 915 688">NEXT</td> </tr> <tr> <td data-bbox="509 709 667 741"><b>Description</b></td> <td data-bbox="834 709 1149 741">Next Knowledge Base</td> </tr> <tr> <td data-bbox="509 751 781 783"><b>Option Also Grants</b></td> <td data-bbox="834 751 1024 783"><i>[Leave Blank]</i></td> </tr> <tr> <td data-bbox="509 804 797 835"><b>Option Also Revokes</b></td> <td data-bbox="834 804 1024 835"><i>[Leave Blank]</i></td> </tr> <tr> <td data-bbox="509 846 678 877"><b>Prerequisite</b></td> <td data-bbox="834 846 1024 877"><i>[Leave Blank]</i></td> </tr> <tr> <td data-bbox="509 898 607 930"><b>Visible</b></td> <td data-bbox="834 898 976 930"><i>[Checked]</i></td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Option</b>	NEXT	<b>Description</b>	Next Knowledge Base	<b>Option Also Grants</b>	<i>[Leave Blank]</i>	<b>Option Also Revokes</b>	<i>[Leave Blank]</i>	<b>Prerequisite</b>	<i>[Leave Blank]</i>	<b>Visible</b>	<i>[Checked]</i>
<u>Field</u>	<u>Value</u>														
<b>Option</b>	NEXT														
<b>Description</b>	Next Knowledge Base														
<b>Option Also Grants</b>	<i>[Leave Blank]</i>														
<b>Option Also Revokes</b>	<i>[Leave Blank]</i>														
<b>Prerequisite</b>	<i>[Leave Blank]</i>														
<b>Visible</b>	<i>[Checked]</i>														
13	Click <b>New Row</b> and enter the following information: <table border="0"> <thead> <tr> <th data-bbox="509 995 586 1026"><u>Field</u></th> <th data-bbox="834 995 911 1026"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="509 1037 607 1068"><b>Option</b></td> <td data-bbox="834 1037 997 1068">PREVIOUS</td> </tr> <tr> <td data-bbox="509 1089 667 1121"><b>Description</b></td> <td data-bbox="834 1089 1208 1121">Previous Knowledge Base</td> </tr> <tr> <td data-bbox="509 1131 781 1163"><b>Option Also Grants</b></td> <td data-bbox="834 1131 1024 1163"><i>[Leave Blank]</i></td> </tr> <tr> <td data-bbox="509 1184 797 1215"><b>Option Also Revokes</b></td> <td data-bbox="834 1184 1024 1215"><i>[Leave Blank]</i></td> </tr> <tr> <td data-bbox="509 1226 678 1257"><b>Prerequisite</b></td> <td data-bbox="834 1226 1024 1257"><i>[Leave Blank]</i></td> </tr> <tr> <td data-bbox="509 1278 607 1310"><b>Visible</b></td> <td data-bbox="834 1278 976 1310"><i>[Checked]</i></td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Option</b>	PREVIOUS	<b>Description</b>	Previous Knowledge Base	<b>Option Also Grants</b>	<i>[Leave Blank]</i>	<b>Option Also Revokes</b>	<i>[Leave Blank]</i>	<b>Prerequisite</b>	<i>[Leave Blank]</i>	<b>Visible</b>	<i>[Checked]</i>
<u>Field</u>	<u>Value</u>														
<b>Option</b>	PREVIOUS														
<b>Description</b>	Previous Knowledge Base														
<b>Option Also Grants</b>	<i>[Leave Blank]</i>														
<b>Option Also Revokes</b>	<i>[Leave Blank]</i>														
<b>Prerequisite</b>	<i>[Leave Blank]</i>														
<b>Visible</b>	<i>[Checked]</i>														
14	Click <b>New Row</b> and enter the following information: <table border="0"> <thead> <tr> <th data-bbox="509 1375 586 1407"><u>Field</u></th> <th data-bbox="834 1375 911 1407"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="509 1417 607 1449"><b>Option</b></td> <td data-bbox="834 1417 1062 1449">SEARCHBOOK</td> </tr> <tr> <td data-bbox="509 1459 667 1491"><b>Description</b></td> <td data-bbox="834 1459 997 1491">Bookmarks</td> </tr> <tr> <td data-bbox="509 1501 781 1533"><b>Option Also Grants</b></td> <td data-bbox="834 1501 1024 1533"><i>[Leave Blank]</i></td> </tr> <tr> <td data-bbox="509 1543 797 1575"><b>Option Also Revokes</b></td> <td data-bbox="834 1543 1024 1575"><i>[Leave Blank]</i></td> </tr> <tr> <td data-bbox="509 1585 678 1617"><b>Prerequisite</b></td> <td data-bbox="834 1585 1024 1617"><i>[Leave Blank]</i></td> </tr> <tr> <td data-bbox="509 1627 607 1659"><b>Visible</b></td> <td data-bbox="834 1627 976 1659"><i>[Checked]</i></td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Option</b>	SEARCHBOOK	<b>Description</b>	Bookmarks	<b>Option Also Grants</b>	<i>[Leave Blank]</i>	<b>Option Also Revokes</b>	<i>[Leave Blank]</i>	<b>Prerequisite</b>	<i>[Leave Blank]</i>	<b>Visible</b>	<i>[Checked]</i>
<u>Field</u>	<u>Value</u>														
<b>Option</b>	SEARCHBOOK														
<b>Description</b>	Bookmarks														
<b>Option Also Grants</b>	<i>[Leave Blank]</i>														
<b>Option Also Revokes</b>	<i>[Leave Blank]</i>														
<b>Prerequisite</b>	<i>[Leave Blank]</i>														
<b>Visible</b>	<i>[Checked]</i>														

continued on next page

## Customizing the Application continued

Adding  
Signature  
Security Options

continued

Step	Action														
15	Click <b>New Row</b> and enter the following information: <table border="1"> <thead> <tr> <th data-bbox="557 611 659 644"><u>Field</u></th> <th data-bbox="881 611 967 644"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="557 657 659 690"><b>Option</b></td> <td data-bbox="881 657 1109 690">SEARCHMORE</td> </tr> <tr> <td data-bbox="557 703 716 737"><b>Description</b></td> <td data-bbox="881 703 1157 737">More Search Fields</td> </tr> <tr> <td data-bbox="557 749 829 783"><b>Option Also Grants</b></td> <td data-bbox="881 749 1073 783"><i>[Leave Blank]</i></td> </tr> <tr> <td data-bbox="557 795 846 829"><b>Option Also Revokes</b></td> <td data-bbox="881 795 1073 829"><i>[Leave Blank]</i></td> </tr> <tr> <td data-bbox="557 842 729 875"><b>Prerequisite</b></td> <td data-bbox="881 842 1073 875"><i>[Leave Blank]</i></td> </tr> <tr> <td data-bbox="557 888 656 921"><b>Visible</b></td> <td data-bbox="881 888 1024 921"><i>[Checked]</i></td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Option</b>	SEARCHMORE	<b>Description</b>	More Search Fields	<b>Option Also Grants</b>	<i>[Leave Blank]</i>	<b>Option Also Revokes</b>	<i>[Leave Blank]</i>	<b>Prerequisite</b>	<i>[Leave Blank]</i>	<b>Visible</b>	<i>[Checked]</i>
<u>Field</u>	<u>Value</u>														
<b>Option</b>	SEARCHMORE														
<b>Description</b>	More Search Fields														
<b>Option Also Grants</b>	<i>[Leave Blank]</i>														
<b>Option Also Revokes</b>	<i>[Leave Blank]</i>														
<b>Prerequisite</b>	<i>[Leave Blank]</i>														
<b>Visible</b>	<i>[Checked]</i>														
16	Click <b>New Row</b> and enter the following information: <table border="1"> <thead> <tr> <th data-bbox="557 991 659 1024"><u>Field</u></th> <th data-bbox="881 991 967 1024"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="557 1037 659 1071"><b>Option</b></td> <td data-bbox="881 1037 1105 1071">SEARCHSQRY</td> </tr> <tr> <td data-bbox="557 1083 716 1117"><b>Description</b></td> <td data-bbox="881 1083 1167 1117">Save Current Query</td> </tr> <tr> <td data-bbox="557 1129 829 1163"><b>Option Also Grants</b></td> <td data-bbox="881 1129 1073 1163"><i>[Leave Blank]</i></td> </tr> <tr> <td data-bbox="557 1176 846 1209"><b>Option Also Revokes</b></td> <td data-bbox="881 1176 1073 1209"><i>[Leave Blank]</i></td> </tr> <tr> <td data-bbox="557 1222 729 1255"><b>Prerequisite</b></td> <td data-bbox="881 1222 1073 1255"><i>[Leave Blank]</i></td> </tr> <tr> <td data-bbox="557 1268 656 1302"><b>Visible</b></td> <td data-bbox="881 1268 1024 1302"><i>[Checked]</i></td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Option</b>	SEARCHSQRY	<b>Description</b>	Save Current Query	<b>Option Also Grants</b>	<i>[Leave Blank]</i>	<b>Option Also Revokes</b>	<i>[Leave Blank]</i>	<b>Prerequisite</b>	<i>[Leave Blank]</i>	<b>Visible</b>	<i>[Checked]</i>
<u>Field</u>	<u>Value</u>														
<b>Option</b>	SEARCHSQRY														
<b>Description</b>	Save Current Query														
<b>Option Also Grants</b>	<i>[Leave Blank]</i>														
<b>Option Also Revokes</b>	<i>[Leave Blank]</i>														
<b>Prerequisite</b>	<i>[Leave Blank]</i>														
<b>Visible</b>	<i>[Checked]</i>														
17	Click <b>New Row</b> and enter the following information: <table border="1"> <thead> <tr> <th data-bbox="557 1371 659 1404"><u>Field</u></th> <th data-bbox="881 1371 967 1404"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="557 1417 659 1451"><b>Option</b></td> <td data-bbox="881 1417 1086 1451">SEARCHTIPS</td> </tr> <tr> <td data-bbox="557 1463 716 1497"><b>Description</b></td> <td data-bbox="881 1463 1130 1497">View Search Tips</td> </tr> <tr> <td data-bbox="557 1509 829 1543"><b>Option Also Grants</b></td> <td data-bbox="881 1509 1073 1543"><i>[Leave Blank]</i></td> </tr> <tr> <td data-bbox="557 1556 846 1589"><b>Option Also Revokes</b></td> <td data-bbox="881 1556 1073 1589"><i>[Leave Blank]</i></td> </tr> <tr> <td data-bbox="557 1602 729 1635"><b>Prerequisite</b></td> <td data-bbox="881 1602 1073 1635"><i>[Leave Blank]</i></td> </tr> <tr> <td data-bbox="557 1648 656 1682"><b>Visible</b></td> <td data-bbox="881 1648 1024 1682"><i>[Checked]</i></td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Option</b>	SEARCHTIPS	<b>Description</b>	View Search Tips	<b>Option Also Grants</b>	<i>[Leave Blank]</i>	<b>Option Also Revokes</b>	<i>[Leave Blank]</i>	<b>Prerequisite</b>	<i>[Leave Blank]</i>	<b>Visible</b>	<i>[Checked]</i>
<u>Field</u>	<u>Value</u>														
<b>Option</b>	SEARCHTIPS														
<b>Description</b>	View Search Tips														
<b>Option Also Grants</b>	<i>[Leave Blank]</i>														
<b>Option Also Revokes</b>	<i>[Leave Blank]</i>														
<b>Prerequisite</b>	<i>[Leave Blank]</i>														
<b>Visible</b>	<i>[Checked]</i>														

continued on next page

**Customizing the Application** continued

**Adding  
Signature  
Security Options**

continued

Step	Action														
18	Click <b>New Row</b> and enter the following information: <table border="0"> <thead> <tr> <th data-bbox="509 611 586 646"><u>Field</u></th> <th data-bbox="834 611 911 646"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="509 657 607 693"><b>Option</b></td> <td data-bbox="834 657 1062 693">SEARCHVMQR</td> </tr> <tr> <td data-bbox="509 703 667 739"><b>Description</b></td> <td data-bbox="834 703 1146 739">View/Manage Queries</td> </tr> <tr> <td data-bbox="509 749 781 785"><b>Option Also Grants</b></td> <td data-bbox="834 749 1024 785">[Leave Blank]</td> </tr> <tr> <td data-bbox="509 795 797 831"><b>Option Also Revokes</b></td> <td data-bbox="834 795 1024 831">[Leave Blank]</td> </tr> <tr> <td data-bbox="509 842 678 877"><b>Prerequisite</b></td> <td data-bbox="834 842 1024 877">[Leave Blank]</td> </tr> <tr> <td data-bbox="509 888 607 924"><b>Visible</b></td> <td data-bbox="834 888 976 924">[Checked]</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Option</b>	SEARCHVMQR	<b>Description</b>	View/Manage Queries	<b>Option Also Grants</b>	[Leave Blank]	<b>Option Also Revokes</b>	[Leave Blank]	<b>Prerequisite</b>	[Leave Blank]	<b>Visible</b>	[Checked]
<u>Field</u>	<u>Value</u>														
<b>Option</b>	SEARCHVMQR														
<b>Description</b>	View/Manage Queries														
<b>Option Also Grants</b>	[Leave Blank]														
<b>Option Also Revokes</b>	[Leave Blank]														
<b>Prerequisite</b>	[Leave Blank]														
<b>Visible</b>	[Checked]														
19	Click <b>New Row</b> and enter the following information: <table border="0"> <thead> <tr> <th data-bbox="509 991 586 1026"><u>Field</u></th> <th data-bbox="834 991 911 1026"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="509 1037 607 1073"><b>Option</b></td> <td data-bbox="834 1037 1062 1073">SEARCHWHERE</td> </tr> <tr> <td data-bbox="509 1083 667 1119"><b>Description</b></td> <td data-bbox="834 1083 1036 1119">Where Clause</td> </tr> <tr> <td data-bbox="509 1129 781 1165"><b>Option Also Grants</b></td> <td data-bbox="834 1129 1024 1165">[Leave Blank]</td> </tr> <tr> <td data-bbox="509 1176 797 1211"><b>Option Also Revokes</b></td> <td data-bbox="834 1176 1024 1211">[Leave Blank]</td> </tr> <tr> <td data-bbox="509 1222 678 1257"><b>Prerequisite</b></td> <td data-bbox="834 1222 1024 1257">[Leave Blank]</td> </tr> <tr> <td data-bbox="509 1268 607 1304"><b>Visible</b></td> <td data-bbox="834 1268 976 1304">[Checked]</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Option</b>	SEARCHWHERE	<b>Description</b>	Where Clause	<b>Option Also Grants</b>	[Leave Blank]	<b>Option Also Revokes</b>	[Leave Blank]	<b>Prerequisite</b>	[Leave Blank]	<b>Visible</b>	[Checked]
<u>Field</u>	<u>Value</u>														
<b>Option</b>	SEARCHWHERE														
<b>Description</b>	Where Clause														
<b>Option Also Grants</b>	[Leave Blank]														
<b>Option Also Revokes</b>	[Leave Blank]														
<b>Prerequisite</b>	[Leave Blank]														
<b>Visible</b>	[Checked]														

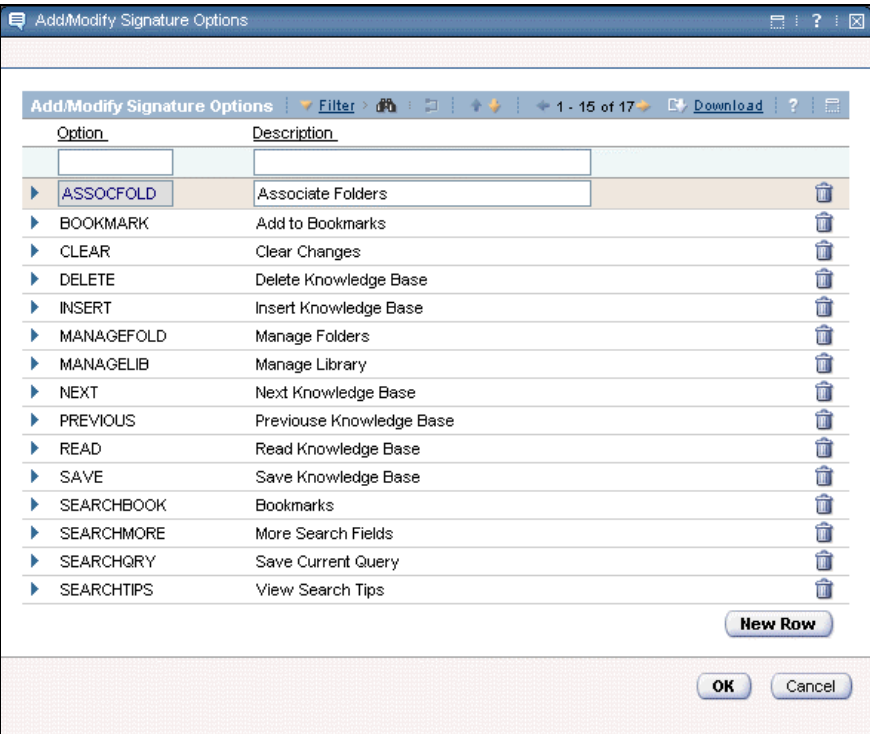
continued on next page



## Customizing the Application continued

### Adding Signature Security Options

continued

Step	Action
20	<p>Before you click <b>OK</b>, your display should look similar to this one.</p>  <p>Click <b>OK</b>.</p> <p><u>Result:</u> The Add/Modify Signature Options dialog box closes.</p>
21	<p><b>Save</b> the record.</p>

continued on next page

## Customizing the Application continued

### The Application Menu

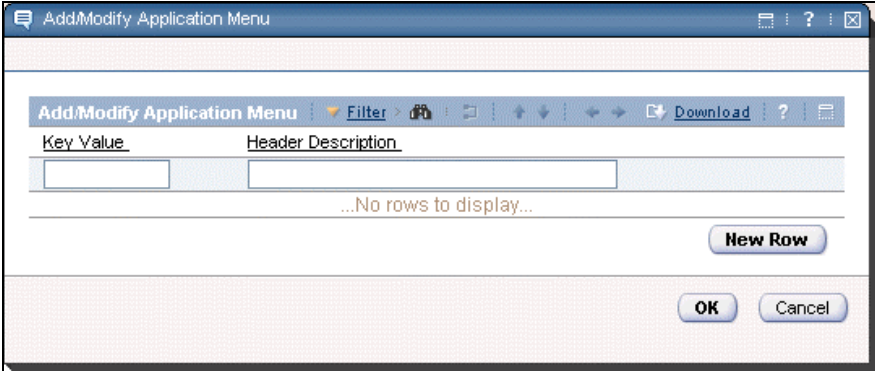
By default, there are no Select Action menu items assigned to new applications. You use the Application Designer's **Add/Modify Select Action** menu to add and/or modify Select Action menu items.

Before adding a menu item to the Select Action menu, you need to create a signature security option to associate it with the application. We created signature security options earlier in this course.

### Adding Select Action Menu Items

We will now add the following Select Action menu items to our new WO Asset Knowledge Base power application: Create Knowledge Base, Duplicate Knowledge Base, Delete Knowledge Base, Bookmark, and Attached Document Library.

Use the following steps.

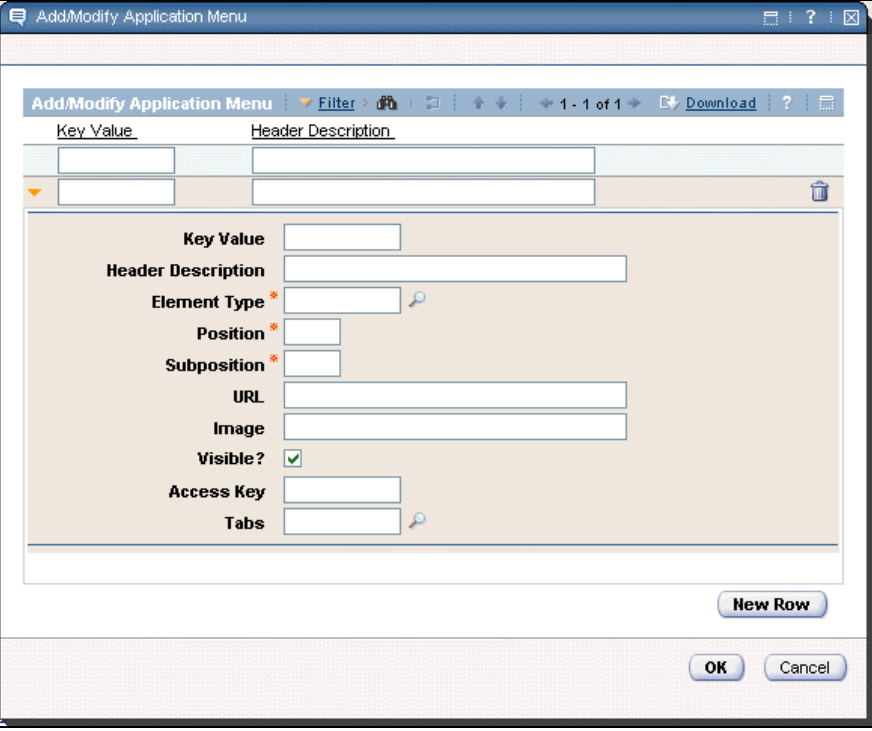
Step	Action
1	<p>From the <b>Select Action</b> menu, select <b>Add/Modify Select Action Menu</b>.</p> <p><u>Result</u>: The Add/Modify Application Menu dialog box opens.</p> 

continued on next page

## Customizing the Application continued

### Adding Select Action Menu Items

continued

Step	Action
2	<p>Click <b>New Row</b>.</p> <p><u>Result</u>: A new row opens for editing.</p> 

continued on next page

## Customizing the Application continued

### Adding Select Action Menu Items continued

Step	Action																
3	Enter the following information: <table border="0"> <thead> <tr> <th data-bbox="509 579 581 611"><u>Field</u></th> <th data-bbox="824 579 896 611"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="509 625 651 657">Key Value</td> <td data-bbox="824 625 992 657">CREATEKB</td> </tr> <tr> <td data-bbox="509 672 776 703">Header Description</td> <td data-bbox="824 672 1166 703">Create Knowledge Base</td> </tr> <tr> <td data-bbox="509 718 699 749">Element Type</td> <td data-bbox="824 718 943 749">OPTION</td> </tr> <tr> <td data-bbox="509 764 618 795">Position</td> <td data-bbox="824 764 857 795">40</td> </tr> <tr> <td data-bbox="509 810 672 842">Subposition</td> <td data-bbox="824 810 841 842">0</td> </tr> <tr> <td data-bbox="509 856 618 888">Visible?</td> <td data-bbox="824 856 1170 888">[Checked] (Default Value)</td> </tr> <tr> <td data-bbox="509 903 581 934">Tabs</td> <td data-bbox="824 903 899 934">MAIN</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	Key Value	CREATEKB	Header Description	Create Knowledge Base	Element Type	OPTION	Position	40	Subposition	0	Visible?	[Checked] (Default Value)	Tabs	MAIN
<u>Field</u>	<u>Value</u>																
Key Value	CREATEKB																
Header Description	Create Knowledge Base																
Element Type	OPTION																
Position	40																
Subposition	0																
Visible?	[Checked] (Default Value)																
Tabs	MAIN																
4	Click <b>New Row</b> and enter the following information: <table border="0"> <thead> <tr> <th data-bbox="509 1005 581 1037"><u>Field</u></th> <th data-bbox="824 1005 896 1037"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="509 1052 651 1083">Key Value</td> <td data-bbox="824 1052 899 1083">AM50</td> </tr> <tr> <td data-bbox="509 1098 776 1129">Header Description</td> <td data-bbox="824 1098 1013 1129">[Leave Blank]</td> </tr> <tr> <td data-bbox="509 1144 699 1176">Element Type</td> <td data-bbox="824 1144 883 1176">SEP</td> </tr> <tr> <td data-bbox="509 1190 618 1222">Position</td> <td data-bbox="824 1190 857 1222">50</td> </tr> <tr> <td data-bbox="509 1236 672 1268">Subposition</td> <td data-bbox="824 1236 841 1268">0</td> </tr> <tr> <td data-bbox="509 1283 618 1314">Visible?</td> <td data-bbox="824 1283 1170 1314">[Checked] (Default Value)</td> </tr> <tr> <td data-bbox="509 1329 581 1360">Tabs</td> <td data-bbox="824 1329 1013 1360">[Leave Blank]</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	Key Value	AM50	Header Description	[Leave Blank]	Element Type	SEP	Position	50	Subposition	0	Visible?	[Checked] (Default Value)	Tabs	[Leave Blank]
<u>Field</u>	<u>Value</u>																
Key Value	AM50																
Header Description	[Leave Blank]																
Element Type	SEP																
Position	50																
Subposition	0																
Visible?	[Checked] (Default Value)																
Tabs	[Leave Blank]																
5	Click <b>New Row</b> and enter the following information: <table border="0"> <thead> <tr> <th data-bbox="509 1432 581 1463"><u>Field</u></th> <th data-bbox="824 1432 896 1463"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="509 1478 651 1509">Key Value</td> <td data-bbox="824 1478 899 1509">AM60</td> </tr> <tr> <td data-bbox="509 1524 776 1556">Header Description</td> <td data-bbox="824 1524 1203 1556">Attachment Library/Folders</td> </tr> <tr> <td data-bbox="509 1570 699 1602">Element Type</td> <td data-bbox="824 1570 954 1602">HEADER</td> </tr> <tr> <td data-bbox="509 1617 618 1648">Position</td> <td data-bbox="824 1617 857 1648">60</td> </tr> <tr> <td data-bbox="509 1663 672 1694">Subposition</td> <td data-bbox="824 1663 841 1694">0</td> </tr> <tr> <td data-bbox="509 1709 618 1740">Visible?</td> <td data-bbox="824 1709 1170 1740">[Checked] (Default Value)</td> </tr> <tr> <td data-bbox="509 1755 581 1787">Tabs</td> <td data-bbox="824 1755 878 1787">ALL</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	Key Value	AM60	Header Description	Attachment Library/Folders	Element Type	HEADER	Position	60	Subposition	0	Visible?	[Checked] (Default Value)	Tabs	ALL
<u>Field</u>	<u>Value</u>																
Key Value	AM60																
Header Description	Attachment Library/Folders																
Element Type	HEADER																
Position	60																
Subposition	0																
Visible?	[Checked] (Default Value)																
Tabs	ALL																

continued on next page

## Customizing the Application continued

### Adding Select Action continued Menu Items

Step	Action																
6	Click <b>New Row</b> and enter the following information: <table border="0"> <thead> <tr> <th data-bbox="557 579 634 611"><u>Field</u></th> <th data-bbox="870 579 948 611"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="557 625 699 657"><b>Key Value</b></td> <td data-bbox="870 625 1057 657">MANAGELIB</td> </tr> <tr> <td data-bbox="557 672 824 703"><b>Header Description</b></td> <td data-bbox="870 672 1065 703">[Leave Blank]</td> </tr> <tr> <td data-bbox="557 718 748 749"><b>Element Type</b></td> <td data-bbox="870 718 992 749">OPTION</td> </tr> <tr> <td data-bbox="557 764 667 795"><b>Position</b></td> <td data-bbox="870 764 902 795">60</td> </tr> <tr> <td data-bbox="557 810 721 842"><b>Subposition</b></td> <td data-bbox="870 810 902 842">10</td> </tr> <tr> <td data-bbox="557 856 667 888"><b>Visible?</b></td> <td data-bbox="870 856 1224 888">[Checked] (Default Value)</td> </tr> <tr> <td data-bbox="557 903 630 934"><b>Tabs</b></td> <td data-bbox="870 903 927 934">ALL</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Key Value</b>	MANAGELIB	<b>Header Description</b>	[Leave Blank]	<b>Element Type</b>	OPTION	<b>Position</b>	60	<b>Subposition</b>	10	<b>Visible?</b>	[Checked] (Default Value)	<b>Tabs</b>	ALL
<u>Field</u>	<u>Value</u>																
<b>Key Value</b>	MANAGELIB																
<b>Header Description</b>	[Leave Blank]																
<b>Element Type</b>	OPTION																
<b>Position</b>	60																
<b>Subposition</b>	10																
<b>Visible?</b>	[Checked] (Default Value)																
<b>Tabs</b>	ALL																
7	Click <b>New Row</b> and enter the following information: <table border="0"> <thead> <tr> <th data-bbox="557 1005 634 1037"><u>Field</u></th> <th data-bbox="870 1005 948 1037"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="557 1052 699 1083"><b>Key Value</b></td> <td data-bbox="870 1052 1094 1083">MANAGEFOLD</td> </tr> <tr> <td data-bbox="557 1098 824 1129"><b>Header Description</b></td> <td data-bbox="870 1098 1065 1129">[Leave Blank]</td> </tr> <tr> <td data-bbox="557 1144 748 1176"><b>Element Type</b></td> <td data-bbox="870 1144 992 1176">OPTION</td> </tr> <tr> <td data-bbox="557 1190 667 1222"><b>Position</b></td> <td data-bbox="870 1190 902 1222">60</td> </tr> <tr> <td data-bbox="557 1236 721 1268"><b>Subposition</b></td> <td data-bbox="870 1236 902 1268">20</td> </tr> <tr> <td data-bbox="557 1283 667 1314"><b>Visible?</b></td> <td data-bbox="870 1283 1224 1314">[Checked] (Default Value)</td> </tr> <tr> <td data-bbox="557 1329 630 1360"><b>Tabs</b></td> <td data-bbox="870 1329 927 1360">ALL</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Key Value</b>	MANAGEFOLD	<b>Header Description</b>	[Leave Blank]	<b>Element Type</b>	OPTION	<b>Position</b>	60	<b>Subposition</b>	20	<b>Visible?</b>	[Checked] (Default Value)	<b>Tabs</b>	ALL
<u>Field</u>	<u>Value</u>																
<b>Key Value</b>	MANAGEFOLD																
<b>Header Description</b>	[Leave Blank]																
<b>Element Type</b>	OPTION																
<b>Position</b>	60																
<b>Subposition</b>	20																
<b>Visible?</b>	[Checked] (Default Value)																
<b>Tabs</b>	ALL																
8	Click <b>New Row</b> and enter the following information: <table border="0"> <thead> <tr> <th data-bbox="557 1432 634 1463"><u>Field</u></th> <th data-bbox="870 1432 948 1463"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="557 1478 699 1509"><b>Key Value</b></td> <td data-bbox="870 1478 1065 1509">ASSOCFOLD</td> </tr> <tr> <td data-bbox="557 1524 824 1556"><b>Header Description</b></td> <td data-bbox="870 1524 1065 1556">[Leave Blank]</td> </tr> <tr> <td data-bbox="557 1570 748 1602"><b>Element Type</b></td> <td data-bbox="870 1570 992 1602">OPTION</td> </tr> <tr> <td data-bbox="557 1617 667 1648"><b>Position</b></td> <td data-bbox="870 1617 902 1648">60</td> </tr> <tr> <td data-bbox="557 1663 721 1694"><b>Subposition</b></td> <td data-bbox="870 1663 902 1694">30</td> </tr> <tr> <td data-bbox="557 1709 667 1740"><b>Visible?</b></td> <td data-bbox="870 1709 1224 1740">[Checked] (Default Value)</td> </tr> <tr> <td data-bbox="557 1755 630 1787"><b>Tabs</b></td> <td data-bbox="870 1755 927 1787">ALL</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Key Value</b>	ASSOCFOLD	<b>Header Description</b>	[Leave Blank]	<b>Element Type</b>	OPTION	<b>Position</b>	60	<b>Subposition</b>	30	<b>Visible?</b>	[Checked] (Default Value)	<b>Tabs</b>	ALL
<u>Field</u>	<u>Value</u>																
<b>Key Value</b>	ASSOCFOLD																
<b>Header Description</b>	[Leave Blank]																
<b>Element Type</b>	OPTION																
<b>Position</b>	60																
<b>Subposition</b>	30																
<b>Visible?</b>	[Checked] (Default Value)																
<b>Tabs</b>	ALL																

continued on next page

## Customizing the Application continued

### Adding Select Action Menu Items

continued

Step	Action																
9	Click <b>New Row</b> and enter the following information: <table border="0"> <thead> <tr> <th data-bbox="511 615 584 646"><u>Field</u></th> <th data-bbox="836 615 909 646"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="511 657 657 688"><b>Key Value</b></td> <td data-bbox="836 657 933 688">AM210</td> </tr> <tr> <td data-bbox="511 709 779 741"><b>Header Description</b></td> <td data-bbox="836 709 1031 741">[Leave Blank]</td> </tr> <tr> <td data-bbox="511 762 706 793"><b>Element Type</b></td> <td data-bbox="836 762 901 793">SEP</td> </tr> <tr> <td data-bbox="511 814 625 846"><b>Position</b></td> <td data-bbox="836 814 893 846">210</td> </tr> <tr> <td data-bbox="511 867 673 898"><b>Subposition</b></td> <td data-bbox="836 867 852 898">0</td> </tr> <tr> <td data-bbox="511 919 625 951"><b>Visible?</b></td> <td data-bbox="836 919 1193 951">[Checked] (Default Value)</td> </tr> <tr> <td data-bbox="511 972 576 1003"><b>Tabs</b></td> <td data-bbox="836 972 1031 1003">[Leave Blank]</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Key Value</b>	AM210	<b>Header Description</b>	[Leave Blank]	<b>Element Type</b>	SEP	<b>Position</b>	210	<b>Subposition</b>	0	<b>Visible?</b>	[Checked] (Default Value)	<b>Tabs</b>	[Leave Blank]
<u>Field</u>	<u>Value</u>																
<b>Key Value</b>	AM210																
<b>Header Description</b>	[Leave Blank]																
<b>Element Type</b>	SEP																
<b>Position</b>	210																
<b>Subposition</b>	0																
<b>Visible?</b>	[Checked] (Default Value)																
<b>Tabs</b>	[Leave Blank]																
10	Click <b>New Row</b> and enter the following information: <table border="0"> <thead> <tr> <th data-bbox="511 1045 584 1077"><u>Field</u></th> <th data-bbox="836 1045 909 1077"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="511 1087 657 1119"><b>Key Value</b></td> <td data-bbox="836 1087 1015 1119">DUPLICATE</td> </tr> <tr> <td data-bbox="511 1140 779 1171"><b>Header Description</b></td> <td data-bbox="836 1140 1031 1171">[Leave Blank]</td> </tr> <tr> <td data-bbox="511 1192 706 1224"><b>Element Type</b></td> <td data-bbox="836 1192 966 1224">OPTION</td> </tr> <tr> <td data-bbox="511 1245 625 1276"><b>Position</b></td> <td data-bbox="836 1245 893 1276">260</td> </tr> <tr> <td data-bbox="511 1297 673 1329"><b>Subposition</b></td> <td data-bbox="836 1297 852 1329">0</td> </tr> <tr> <td data-bbox="511 1350 625 1381"><b>Visible?</b></td> <td data-bbox="836 1350 1193 1381">[Checked] (Default Value)</td> </tr> <tr> <td data-bbox="511 1402 576 1434"><b>Tabs</b></td> <td data-bbox="836 1402 917 1434">MAIN</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Key Value</b>	DUPLICATE	<b>Header Description</b>	[Leave Blank]	<b>Element Type</b>	OPTION	<b>Position</b>	260	<b>Subposition</b>	0	<b>Visible?</b>	[Checked] (Default Value)	<b>Tabs</b>	MAIN
<u>Field</u>	<u>Value</u>																
<b>Key Value</b>	DUPLICATE																
<b>Header Description</b>	[Leave Blank]																
<b>Element Type</b>	OPTION																
<b>Position</b>	260																
<b>Subposition</b>	0																
<b>Visible?</b>	[Checked] (Default Value)																
<b>Tabs</b>	MAIN																

continued on next page

## Customizing the Application continued

### Adding Select Action Menu Items

continued

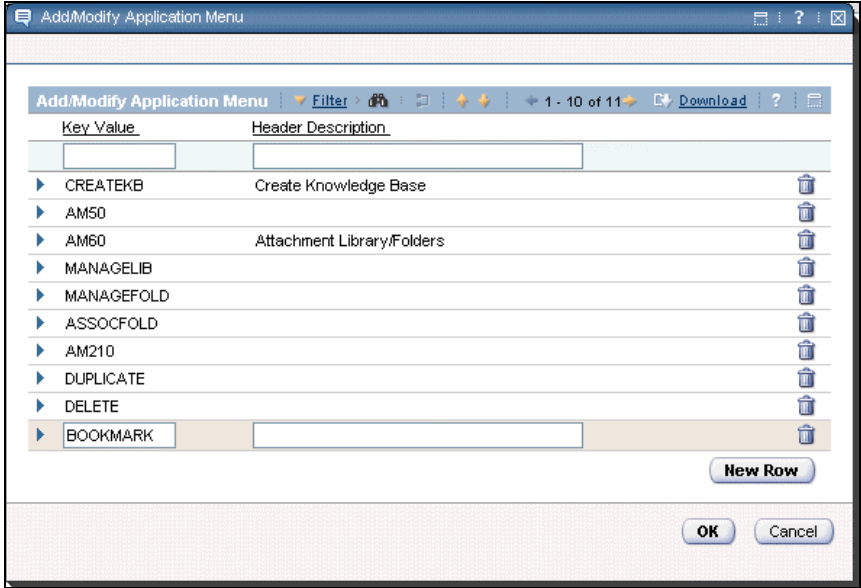
Step	Action																
11	Click <b>New Row</b> and enter the following information: <table border="1" data-bbox="553 611 1230 982"> <thead> <tr> <th data-bbox="553 611 829 646"><u>Field</u></th> <th data-bbox="829 611 1230 646"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="553 646 829 695">Key Value</td> <td data-bbox="829 646 1230 695">DELETE</td> </tr> <tr> <td data-bbox="553 695 829 743">Header Description</td> <td data-bbox="829 695 1230 743">[Leave Blank]</td> </tr> <tr> <td data-bbox="553 743 829 791">Element Type</td> <td data-bbox="829 743 1230 791">OPTION</td> </tr> <tr> <td data-bbox="553 791 829 840">Position</td> <td data-bbox="829 791 1230 840">270</td> </tr> <tr> <td data-bbox="553 840 829 888">Subposition</td> <td data-bbox="829 840 1230 888">0</td> </tr> <tr> <td data-bbox="553 888 829 936">Visible?</td> <td data-bbox="829 888 1230 936">[Checked] (Default Value)</td> </tr> <tr> <td data-bbox="553 936 829 982">Tabs</td> <td data-bbox="829 936 1230 982">MAIN</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	Key Value	DELETE	Header Description	[Leave Blank]	Element Type	OPTION	Position	270	Subposition	0	Visible?	[Checked] (Default Value)	Tabs	MAIN
<u>Field</u>	<u>Value</u>																
Key Value	DELETE																
Header Description	[Leave Blank]																
Element Type	OPTION																
Position	270																
Subposition	0																
Visible?	[Checked] (Default Value)																
Tabs	MAIN																
12	Click <b>New Row</b> and enter the following information: <table border="1" data-bbox="553 1041 1230 1404"> <thead> <tr> <th data-bbox="553 1041 829 1077"><u>Field</u></th> <th data-bbox="829 1041 1230 1077"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="553 1077 829 1125">Key Value</td> <td data-bbox="829 1077 1230 1125">BOOKMARK</td> </tr> <tr> <td data-bbox="553 1125 829 1173">Header Description</td> <td data-bbox="829 1125 1230 1173">[Leave Blank]</td> </tr> <tr> <td data-bbox="553 1173 829 1222">Element Type</td> <td data-bbox="829 1173 1230 1222">OPTION</td> </tr> <tr> <td data-bbox="553 1222 829 1270">Position</td> <td data-bbox="829 1222 1230 1270">280</td> </tr> <tr> <td data-bbox="553 1270 829 1318">Subposition</td> <td data-bbox="829 1270 1230 1318">0</td> </tr> <tr> <td data-bbox="553 1318 829 1367">Visible?</td> <td data-bbox="829 1318 1230 1367">[Checked] (Default Value)</td> </tr> <tr> <td data-bbox="553 1367 829 1404">Tabs</td> <td data-bbox="829 1367 1230 1404">MAIN</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	Key Value	BOOKMARK	Header Description	[Leave Blank]	Element Type	OPTION	Position	280	Subposition	0	Visible?	[Checked] (Default Value)	Tabs	MAIN
<u>Field</u>	<u>Value</u>																
Key Value	BOOKMARK																
Header Description	[Leave Blank]																
Element Type	OPTION																
Position	280																
Subposition	0																
Visible?	[Checked] (Default Value)																
Tabs	MAIN																

continued on next page

## Customizing the Application continued

### Adding Select Action Menu Items

continued

Step	Action																
13	<p>Click <b>New Row</b> and enter the following information:</p> <table border="1"> <thead> <tr> <th data-bbox="511 611 584 646"><u>Field</u></th> <th data-bbox="808 611 894 646"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="511 657 657 693"><b>Key Value</b></td> <td data-bbox="808 657 930 693">AM9000</td> </tr> <tr> <td data-bbox="511 703 779 739"><b>Header Description</b></td> <td data-bbox="808 703 1003 739">[Leave Blank]</td> </tr> <tr> <td data-bbox="511 749 706 785"><b>Element Type</b></td> <td data-bbox="808 749 878 785">SEP</td> </tr> <tr> <td data-bbox="511 795 625 831"><b>Position</b></td> <td data-bbox="808 795 883 831">9000</td> </tr> <tr> <td data-bbox="511 842 673 877"><b>Subposition</b></td> <td data-bbox="808 842 824 877">0</td> </tr> <tr> <td data-bbox="511 888 625 924"><b>Visible?</b></td> <td data-bbox="808 888 1162 924">[Checked] (Default Value)</td> </tr> <tr> <td data-bbox="511 934 581 970"><b>Tabs</b></td> <td data-bbox="808 934 1003 970">[Leave Blank]</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Key Value</b>	AM9000	<b>Header Description</b>	[Leave Blank]	<b>Element Type</b>	SEP	<b>Position</b>	9000	<b>Subposition</b>	0	<b>Visible?</b>	[Checked] (Default Value)	<b>Tabs</b>	[Leave Blank]
<u>Field</u>	<u>Value</u>																
<b>Key Value</b>	AM9000																
<b>Header Description</b>	[Leave Blank]																
<b>Element Type</b>	SEP																
<b>Position</b>	9000																
<b>Subposition</b>	0																
<b>Visible?</b>	[Checked] (Default Value)																
<b>Tabs</b>	[Leave Blank]																
14	<p>Before you click <b>OK</b>, your display should look similar to this one.</p>  <p>Click <b>OK</b>.</p> <p><u>Result:</u> The Add/Modify Application Menu dialog box closes.</p>																
15	<p><b>Save</b> your record.</p>																

continued on next page



## Customizing the Application continued

### Toolbar Buttons

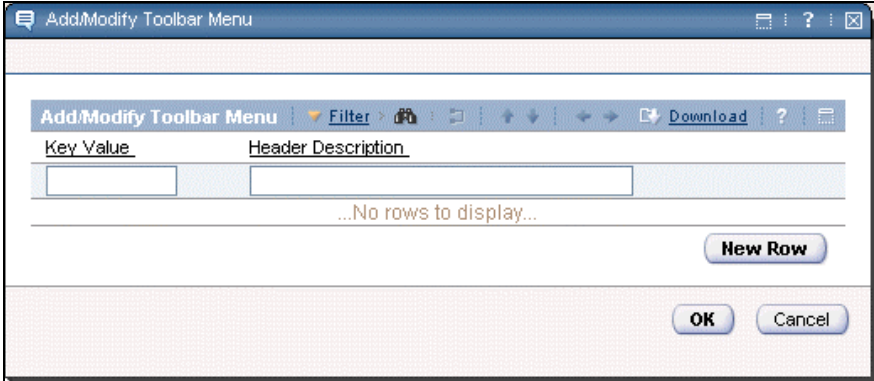
By default, there are no toolbar items assigned to new applications. You select the Application Designer's **Add/Modify Toolbar Menu** option to add and/or modify the Toolbar menu.

Before adding a toolbar button, you need to create a signature security option to associate it with the application. We created the signature security options earlier in this course.

### Adding Toolbar Buttons

We will now add the following Toolbar menu items to our new WO Asset Knowledge Base power application: Insert, Save, Clear, Previous Value, and Next Value.

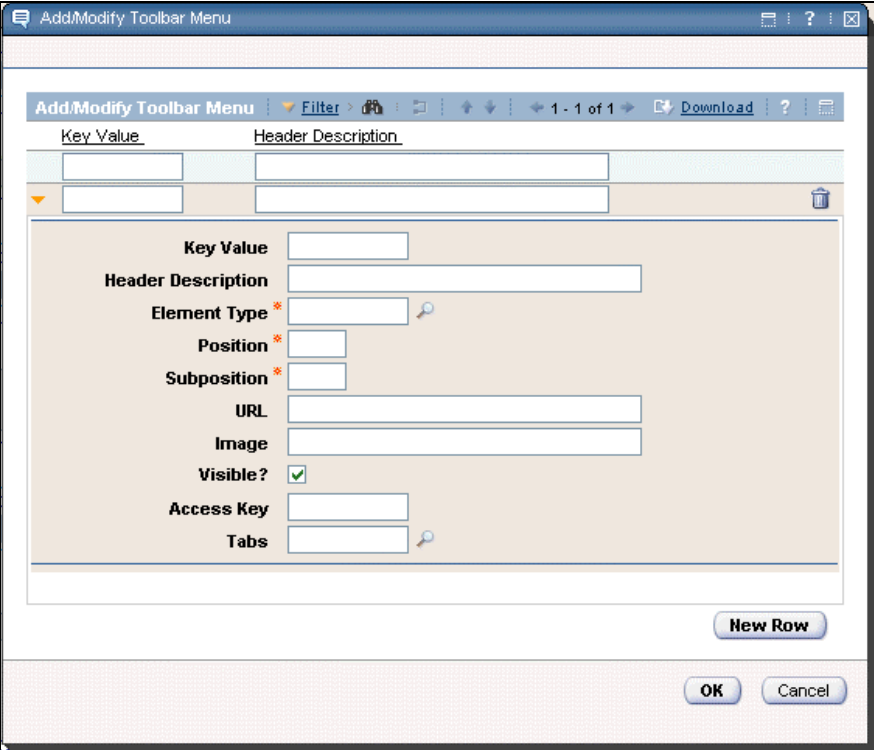
Use the following steps.

Step	Action
1	<p>From the <b>Select Action</b> menu, select <b>Add/Modify Toolbar Menu</b>.  <u>Result</u>: The Add/Modify Toolbar Menu dialog box opens.</p> 

continued on next page

## Customizing the Application continued

### Adding Toolbar Buttons continued

Step	Action
2	<p>Click <b>New Row</b>.</p> <p><u>Result:</u> A new row opens for editing.</p> 

continued on next page

## Customizing the Application continued

### Adding Toolbar Buttons continued

Step	Action																		
3	<p>Click <b>New Row</b> and enter the following information:</p> <table> <thead> <tr> <th><u>Field</u></th> <th><u>Value</u></th> </tr> </thead> <tbody> <tr> <td><b>Key Value</b></td> <td>INSERT</td> </tr> <tr> <td><b>Header Description</b></td> <td>[<i>Leave Blank</i>]</td> </tr> <tr> <td><b>Element Type</b></td> <td>OPTION</td> </tr> <tr> <td><b>Position</b></td> <td>12</td> </tr> <tr> <td><b>Subposition</b></td> <td>0</td> </tr> <tr> <td><b>Image</b></td> <td>nav_icon_insertkey.gif</td> </tr> <tr> <td><b>Visible?</b></td> <td>[<i>Checked</i>] (Default Value)</td> </tr> <tr> <td><b>Tabs</b></td> <td>ALL</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Key Value</b>	INSERT	<b>Header Description</b>	[ <i>Leave Blank</i> ]	<b>Element Type</b>	OPTION	<b>Position</b>	12	<b>Subposition</b>	0	<b>Image</b>	nav_icon_insertkey.gif	<b>Visible?</b>	[ <i>Checked</i> ] (Default Value)	<b>Tabs</b>	ALL
<u>Field</u>	<u>Value</u>																		
<b>Key Value</b>	INSERT																		
<b>Header Description</b>	[ <i>Leave Blank</i> ]																		
<b>Element Type</b>	OPTION																		
<b>Position</b>	12																		
<b>Subposition</b>	0																		
<b>Image</b>	nav_icon_insertkey.gif																		
<b>Visible?</b>	[ <i>Checked</i> ] (Default Value)																		
<b>Tabs</b>	ALL																		
4	<p>Click <b>New Row</b> and enter the following information:</p> <table> <thead> <tr> <th><u>Field</u></th> <th><u>Value</u></th> </tr> </thead> <tbody> <tr> <td><b>Key Value</b></td> <td>SAVE</td> </tr> <tr> <td><b>Header Description</b></td> <td>[<i>Leave Blank</i>]</td> </tr> <tr> <td><b>Element Type</b></td> <td>OPTION</td> </tr> <tr> <td><b>Position</b></td> <td>13</td> </tr> <tr> <td><b>Subposition</b></td> <td>0</td> </tr> <tr> <td><b>Image</b></td> <td>nav_icon_save.gif</td> </tr> <tr> <td><b>Visible?</b></td> <td>[<i>Checked</i>] (Default Value)</td> </tr> <tr> <td><b>Tabs</b></td> <td>MAIN</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Key Value</b>	SAVE	<b>Header Description</b>	[ <i>Leave Blank</i> ]	<b>Element Type</b>	OPTION	<b>Position</b>	13	<b>Subposition</b>	0	<b>Image</b>	nav_icon_save.gif	<b>Visible?</b>	[ <i>Checked</i> ] (Default Value)	<b>Tabs</b>	MAIN
<u>Field</u>	<u>Value</u>																		
<b>Key Value</b>	SAVE																		
<b>Header Description</b>	[ <i>Leave Blank</i> ]																		
<b>Element Type</b>	OPTION																		
<b>Position</b>	13																		
<b>Subposition</b>	0																		
<b>Image</b>	nav_icon_save.gif																		
<b>Visible?</b>	[ <i>Checked</i> ] (Default Value)																		
<b>Tabs</b>	MAIN																		

continued on next page

## Customizing the Application continued

### Adding Toolbar Buttons continued

Step	Action																		
5	Click <b>New Row</b> and enter the following information: <table border="1" data-bbox="505 575 1179 995"> <thead> <tr> <th data-bbox="505 575 781 611"><u>Field</u></th> <th data-bbox="781 575 1179 611"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="505 611 781 653"><b>Key Value</b></td> <td data-bbox="781 611 1179 653">CLEAR</td> </tr> <tr> <td data-bbox="505 653 781 695"><b>Header Description</b></td> <td data-bbox="781 653 1179 695">[Leave Blank]</td> </tr> <tr> <td data-bbox="505 695 781 737"><b>Element Type</b></td> <td data-bbox="781 695 1179 737">OPTION</td> </tr> <tr> <td data-bbox="505 737 781 779"><b>Position</b></td> <td data-bbox="781 737 1179 779">14</td> </tr> <tr> <td data-bbox="505 779 781 821"><b>Subposition</b></td> <td data-bbox="781 779 1179 821">0</td> </tr> <tr> <td data-bbox="505 821 781 863"><b>Image</b></td> <td data-bbox="781 821 1179 863">nav_icon_clear.gif</td> </tr> <tr> <td data-bbox="505 863 781 905"><b>Visible?</b></td> <td data-bbox="781 863 1179 905">[Checked] (Default Value)</td> </tr> <tr> <td data-bbox="505 905 781 947"><b>Tabs</b></td> <td data-bbox="781 905 1179 947">MAIN</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Key Value</b>	CLEAR	<b>Header Description</b>	[Leave Blank]	<b>Element Type</b>	OPTION	<b>Position</b>	14	<b>Subposition</b>	0	<b>Image</b>	nav_icon_clear.gif	<b>Visible?</b>	[Checked] (Default Value)	<b>Tabs</b>	MAIN
<u>Field</u>	<u>Value</u>																		
<b>Key Value</b>	CLEAR																		
<b>Header Description</b>	[Leave Blank]																		
<b>Element Type</b>	OPTION																		
<b>Position</b>	14																		
<b>Subposition</b>	0																		
<b>Image</b>	nav_icon_clear.gif																		
<b>Visible?</b>	[Checked] (Default Value)																		
<b>Tabs</b>	MAIN																		
6	Click <b>New Row</b> and enter the following information: <table border="1" data-bbox="505 1050 1179 1419"> <thead> <tr> <th data-bbox="505 1050 781 1085"><u>Field</u></th> <th data-bbox="781 1050 1179 1085"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="505 1085 781 1127"><b>Key Value</b></td> <td data-bbox="781 1085 1179 1127">AT20</td> </tr> <tr> <td data-bbox="505 1127 781 1169"><b>Header Description</b></td> <td data-bbox="781 1127 1179 1169">[Leave Blank]</td> </tr> <tr> <td data-bbox="505 1169 781 1211"><b>Element Type</b></td> <td data-bbox="781 1169 1179 1211">SEP</td> </tr> <tr> <td data-bbox="505 1211 781 1253"><b>Position</b></td> <td data-bbox="781 1211 1179 1253">20</td> </tr> <tr> <td data-bbox="505 1253 781 1295"><b>Subposition</b></td> <td data-bbox="781 1253 1179 1295">0</td> </tr> <tr> <td data-bbox="505 1295 781 1337"><b>Visible?</b></td> <td data-bbox="781 1295 1179 1337">[Checked] (Default Value)</td> </tr> <tr> <td data-bbox="505 1337 781 1379"><b>Tabs</b></td> <td data-bbox="781 1337 1179 1379">[Leave Blank]</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Key Value</b>	AT20	<b>Header Description</b>	[Leave Blank]	<b>Element Type</b>	SEP	<b>Position</b>	20	<b>Subposition</b>	0	<b>Visible?</b>	[Checked] (Default Value)	<b>Tabs</b>	[Leave Blank]		
<u>Field</u>	<u>Value</u>																		
<b>Key Value</b>	AT20																		
<b>Header Description</b>	[Leave Blank]																		
<b>Element Type</b>	SEP																		
<b>Position</b>	20																		
<b>Subposition</b>	0																		
<b>Visible?</b>	[Checked] (Default Value)																		
<b>Tabs</b>	[Leave Blank]																		

continued on next page

## Customizing the Application continued

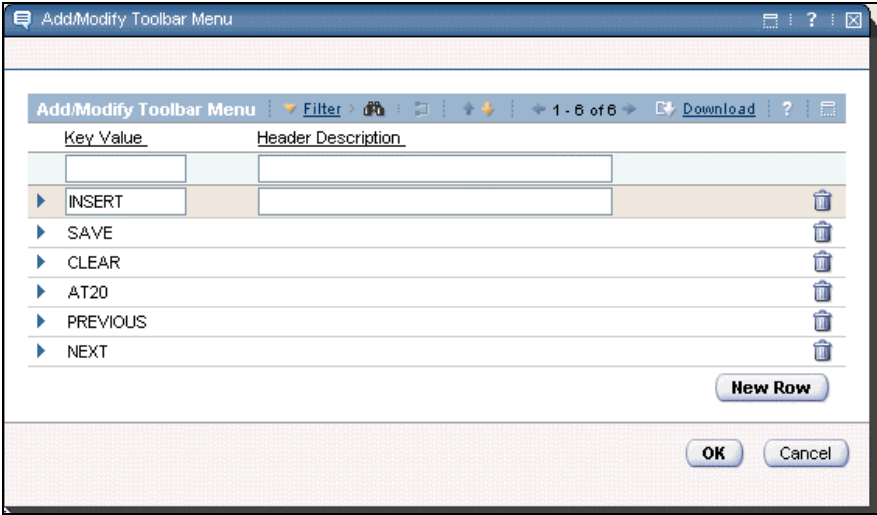
### Adding Toolbar Buttons continued

Step	Action																		
7	<p>Click <b>New Row</b> and enter the following information:</p> <table> <thead> <tr> <th><u>Field</u></th> <th><u>Value</u></th> </tr> </thead> <tbody> <tr> <td><b>Key Value</b></td> <td>PREVIOUS</td> </tr> <tr> <td><b>Header Description</b></td> <td>[<i>Leave Blank</i>]</td> </tr> <tr> <td><b>Element Type</b></td> <td>OPTION</td> </tr> <tr> <td><b>Position</b></td> <td>22</td> </tr> <tr> <td><b>Subposition</b></td> <td>0</td> </tr> <tr> <td><b>Image</b></td> <td>nav_icon_previous.gif</td> </tr> <tr> <td><b>Visible?</b></td> <td>[<i>Checked</i>] (Default Value)</td> </tr> <tr> <td><b>Tabs</b></td> <td>MAIN</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Key Value</b>	PREVIOUS	<b>Header Description</b>	[ <i>Leave Blank</i> ]	<b>Element Type</b>	OPTION	<b>Position</b>	22	<b>Subposition</b>	0	<b>Image</b>	nav_icon_previous.gif	<b>Visible?</b>	[ <i>Checked</i> ] (Default Value)	<b>Tabs</b>	MAIN
<u>Field</u>	<u>Value</u>																		
<b>Key Value</b>	PREVIOUS																		
<b>Header Description</b>	[ <i>Leave Blank</i> ]																		
<b>Element Type</b>	OPTION																		
<b>Position</b>	22																		
<b>Subposition</b>	0																		
<b>Image</b>	nav_icon_previous.gif																		
<b>Visible?</b>	[ <i>Checked</i> ] (Default Value)																		
<b>Tabs</b>	MAIN																		
8	<p>Click <b>New Row</b> and enter the following information:</p> <table> <thead> <tr> <th><u>Field</u></th> <th><u>Value</u></th> </tr> </thead> <tbody> <tr> <td><b>Key Value</b></td> <td>NEXT</td> </tr> <tr> <td><b>Header Description</b></td> <td>[<i>Leave Blank</i>]</td> </tr> <tr> <td><b>Element Type</b></td> <td>OPTION</td> </tr> <tr> <td><b>Position</b></td> <td>23</td> </tr> <tr> <td><b>Subposition</b></td> <td>0</td> </tr> <tr> <td><b>Image</b></td> <td>nav_icon_next.gif</td> </tr> <tr> <td><b>Visible?</b></td> <td>[<i>Checked</i>] (Default Value)</td> </tr> <tr> <td><b>Tabs</b></td> <td>MAIN</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Key Value</b>	NEXT	<b>Header Description</b>	[ <i>Leave Blank</i> ]	<b>Element Type</b>	OPTION	<b>Position</b>	23	<b>Subposition</b>	0	<b>Image</b>	nav_icon_next.gif	<b>Visible?</b>	[ <i>Checked</i> ] (Default Value)	<b>Tabs</b>	MAIN
<u>Field</u>	<u>Value</u>																		
<b>Key Value</b>	NEXT																		
<b>Header Description</b>	[ <i>Leave Blank</i> ]																		
<b>Element Type</b>	OPTION																		
<b>Position</b>	23																		
<b>Subposition</b>	0																		
<b>Image</b>	nav_icon_next.gif																		
<b>Visible?</b>	[ <i>Checked</i> ] (Default Value)																		
<b>Tabs</b>	MAIN																		

continued on next page

## Customizing the Application continued

### Adding Toolbar Buttons continued

Step	Action
9	<p>Before you click <b>OK</b>, your display should look similar to this one.</p>  <p>Click <b>OK</b>.</p> <p><u>Result:</u> The Add/Modify Toolbar Menu dialog box closes.</p>
10	<p><b>Save</b> your record.</p>

continued on next page

## Customizing the Application continued

### The Search Menu

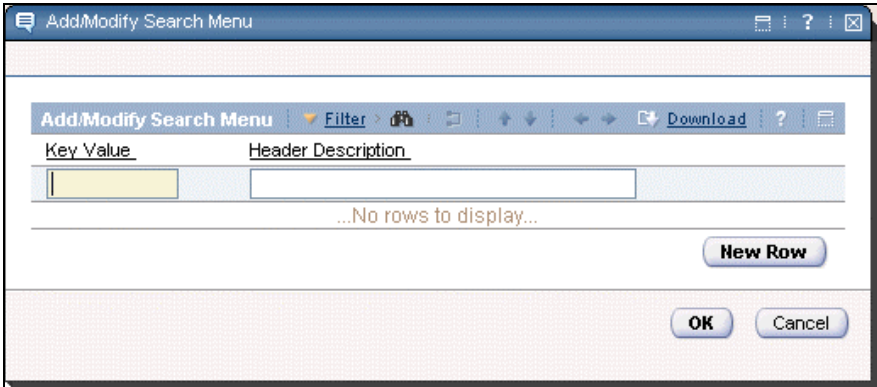
By default, there are no Search menu items assigned to new applications. You use the Application Designer's **Add/Modify Search Menu** option to add and/or modify the Search menu.

Before adding a menu item to the Search menu, you need to create a signature security option to associate it with the application. We created the signature security options earlier in this course.

### Creating the Search Menu

We will now add Search menu items to our new WO Asset Knowledge Base power application.

Use the following steps.

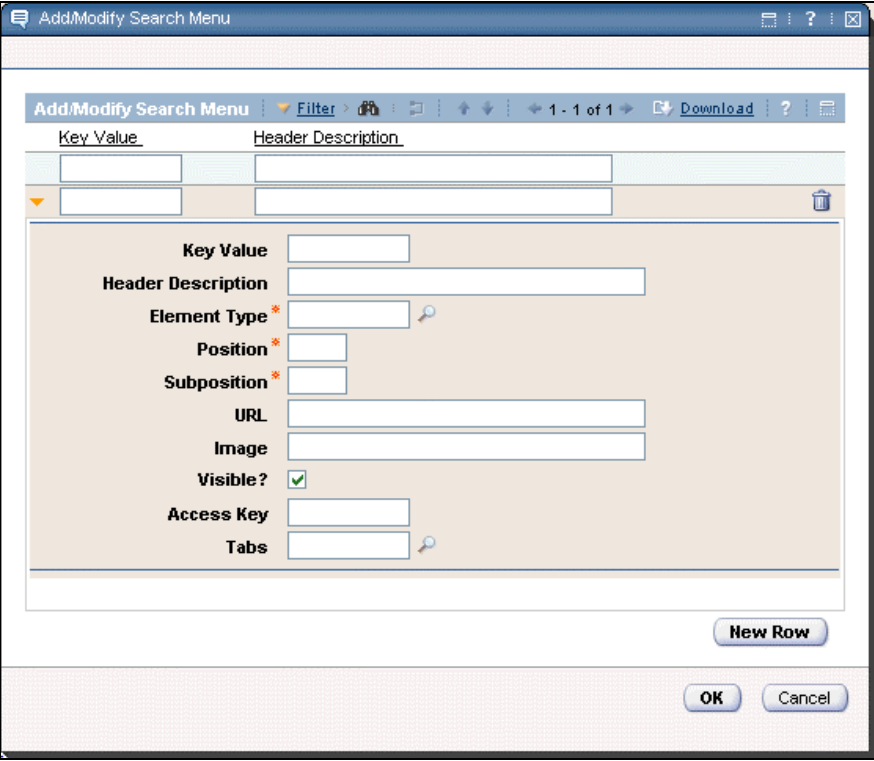
Step	Action
1	<p>From the <b>Select Action</b> menu, select <b>Add/Modify Search Menu</b>.  <u>Result</u>: The Add/Modify Search Menu dialog box opens.</p> 

continued on next page

## Customizing the Application continued

### Creating the Search Menu

continued

Step	Action
2	<p>Click <b>New Row</b>.</p> <p><u>Result:</u> A new row opens for editing.</p>  <p>The screenshot shows a window titled 'Add/Modify Search Menu'. At the top, there is a toolbar with 'Filter', 'Download', and other icons. Below the toolbar is a table with two columns: 'Key Value' and 'Header Description'. The table has one row with empty input fields. Below the table is a form with the following fields: 'Key Value' (text input), 'Header Description' (text input), 'Element Type*' (text input with a search icon), 'Position*' (text input), 'Subposition*' (text input), 'URL' (text input), 'Image' (text input), 'Visible?' (checkbox, checked), 'Access Key' (text input), and 'Tabs' (text input with a search icon). At the bottom right of the form area is a 'New Row' button. At the bottom of the window are 'OK' and 'Cancel' buttons.</p>

continued on next page



## Customizing the Application continued

### Creating the Search Menu

continued

Step	Action																		
3	Click <b>New Row</b> and enter the following information: <table border="1" data-bbox="553 575 1451 995"> <thead> <tr> <th data-bbox="553 575 829 611"><u>Field</u></th> <th data-bbox="829 575 1451 611"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="553 611 829 659"><b>Key Value</b></td> <td data-bbox="829 611 1451 659">SM10</td> </tr> <tr> <td data-bbox="553 659 829 707"><b>Header Description</b></td> <td data-bbox="829 659 1451 707">Advanced Search</td> </tr> <tr> <td data-bbox="553 707 829 756"><b>Element Type</b></td> <td data-bbox="829 707 1451 756">HEADER</td> </tr> <tr> <td data-bbox="553 756 829 804"><b>Position</b></td> <td data-bbox="829 756 1451 804">10</td> </tr> <tr> <td data-bbox="553 804 829 852"><b>Subposition</b></td> <td data-bbox="829 804 1451 852">0</td> </tr> <tr> <td data-bbox="553 852 829 900"><b>Image</b></td> <td data-bbox="829 852 1451 900">atb_search.gif</td> </tr> <tr> <td data-bbox="553 900 829 949"><b>Visible?</b></td> <td data-bbox="829 900 1451 949">[<i>Checked</i>] (Default Value)</td> </tr> <tr> <td data-bbox="553 949 829 995"><b>Tabs</b></td> <td data-bbox="829 949 1451 995">ALL</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Key Value</b>	SM10	<b>Header Description</b>	Advanced Search	<b>Element Type</b>	HEADER	<b>Position</b>	10	<b>Subposition</b>	0	<b>Image</b>	atb_search.gif	<b>Visible?</b>	[ <i>Checked</i> ] (Default Value)	<b>Tabs</b>	ALL
<u>Field</u>	<u>Value</u>																		
<b>Key Value</b>	SM10																		
<b>Header Description</b>	Advanced Search																		
<b>Element Type</b>	HEADER																		
<b>Position</b>	10																		
<b>Subposition</b>	0																		
<b>Image</b>	atb_search.gif																		
<b>Visible?</b>	[ <i>Checked</i> ] (Default Value)																		
<b>Tabs</b>	ALL																		
4	Click <b>New Row</b> and enter the following information: <table border="1" data-bbox="553 1050 1451 1472"> <thead> <tr> <th data-bbox="553 1050 829 1085"><u>Field</u></th> <th data-bbox="829 1050 1451 1085"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="553 1085 829 1134"><b>Key Value</b></td> <td data-bbox="829 1085 1451 1134">SEARCHMORE</td> </tr> <tr> <td data-bbox="553 1134 829 1182"><b>Header Description</b></td> <td data-bbox="829 1134 1451 1182">[<i>Leave Blank</i>]</td> </tr> <tr> <td data-bbox="553 1182 829 1230"><b>Element Type</b></td> <td data-bbox="829 1182 1451 1230">OPTION</td> </tr> <tr> <td data-bbox="553 1230 829 1278"><b>Position</b></td> <td data-bbox="829 1230 1451 1278">10</td> </tr> <tr> <td data-bbox="553 1278 829 1327"><b>Subposition</b></td> <td data-bbox="829 1278 1451 1327">10</td> </tr> <tr> <td data-bbox="553 1327 829 1375"><b>Image</b></td> <td data-bbox="829 1327 1451 1375">[<i>Leave Blank</i>]</td> </tr> <tr> <td data-bbox="553 1375 829 1423"><b>Visible?</b></td> <td data-bbox="829 1375 1451 1423">[<i>Checked</i>] (Default Value)</td> </tr> <tr> <td data-bbox="553 1423 829 1472"><b>Tabs</b></td> <td data-bbox="829 1423 1451 1472">ALL</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Key Value</b>	SEARCHMORE	<b>Header Description</b>	[ <i>Leave Blank</i> ]	<b>Element Type</b>	OPTION	<b>Position</b>	10	<b>Subposition</b>	10	<b>Image</b>	[ <i>Leave Blank</i> ]	<b>Visible?</b>	[ <i>Checked</i> ] (Default Value)	<b>Tabs</b>	ALL
<u>Field</u>	<u>Value</u>																		
<b>Key Value</b>	SEARCHMORE																		
<b>Header Description</b>	[ <i>Leave Blank</i> ]																		
<b>Element Type</b>	OPTION																		
<b>Position</b>	10																		
<b>Subposition</b>	10																		
<b>Image</b>	[ <i>Leave Blank</i> ]																		
<b>Visible?</b>	[ <i>Checked</i> ] (Default Value)																		
<b>Tabs</b>	ALL																		

continued on next page

## Customizing the Application continued

### Creating the Search Menu

continued

Step	Action																		
5	Click <b>New Row</b> and enter the following information: <table border="1" data-bbox="505 575 1055 995"> <thead> <tr> <th data-bbox="505 575 781 611"><u>Field</u></th> <th data-bbox="781 575 1055 611"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="505 611 781 653"><b>Key Value</b></td> <td data-bbox="781 611 1055 653">SEARCHWHER</td> </tr> <tr> <td data-bbox="505 653 781 695"><b>Header Description</b></td> <td data-bbox="781 653 1055 695">[Leave Blank]</td> </tr> <tr> <td data-bbox="505 695 781 737"><b>Element Type</b></td> <td data-bbox="781 695 1055 737">OPTION</td> </tr> <tr> <td data-bbox="505 737 781 779"><b>Position</b></td> <td data-bbox="781 737 1055 779">10</td> </tr> <tr> <td data-bbox="505 779 781 821"><b>Subposition</b></td> <td data-bbox="781 779 1055 821">20</td> </tr> <tr> <td data-bbox="505 821 781 863"><b>Image</b></td> <td data-bbox="781 821 1055 863">[Leave Blank]</td> </tr> <tr> <td data-bbox="505 863 781 905"><b>Visible?</b></td> <td data-bbox="781 863 1055 905">[Checked] (Default Value)</td> </tr> <tr> <td data-bbox="505 905 781 947"><b>Tabs</b></td> <td data-bbox="781 905 1055 947">ALL</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Key Value</b>	SEARCHWHER	<b>Header Description</b>	[Leave Blank]	<b>Element Type</b>	OPTION	<b>Position</b>	10	<b>Subposition</b>	20	<b>Image</b>	[Leave Blank]	<b>Visible?</b>	[Checked] (Default Value)	<b>Tabs</b>	ALL
<u>Field</u>	<u>Value</u>																		
<b>Key Value</b>	SEARCHWHER																		
<b>Header Description</b>	[Leave Blank]																		
<b>Element Type</b>	OPTION																		
<b>Position</b>	10																		
<b>Subposition</b>	20																		
<b>Image</b>	[Leave Blank]																		
<b>Visible?</b>	[Checked] (Default Value)																		
<b>Tabs</b>	ALL																		
6	Click <b>New Row</b> and enter the following information: <table border="1" data-bbox="505 1050 1055 1472"> <thead> <tr> <th data-bbox="505 1050 781 1085"><u>Field</u></th> <th data-bbox="781 1050 1055 1085"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="505 1085 781 1127"><b>Key Value</b></td> <td data-bbox="781 1085 1055 1127">SEARCHTIPS</td> </tr> <tr> <td data-bbox="505 1127 781 1169"><b>Header Description</b></td> <td data-bbox="781 1127 1055 1169">[Leave Blank]</td> </tr> <tr> <td data-bbox="505 1169 781 1211"><b>Element Type</b></td> <td data-bbox="781 1169 1055 1211">OPTION</td> </tr> <tr> <td data-bbox="505 1211 781 1253"><b>Position</b></td> <td data-bbox="781 1211 1055 1253">10</td> </tr> <tr> <td data-bbox="505 1253 781 1295"><b>Subposition</b></td> <td data-bbox="781 1253 1055 1295">30</td> </tr> <tr> <td data-bbox="505 1295 781 1337"><b>Image</b></td> <td data-bbox="781 1295 1055 1337">[Leave Blank]</td> </tr> <tr> <td data-bbox="505 1337 781 1379"><b>Visible?</b></td> <td data-bbox="781 1337 1055 1379">[Checked] (Default Value)</td> </tr> <tr> <td data-bbox="505 1379 781 1421"><b>Tabs</b></td> <td data-bbox="781 1379 1055 1421">ALL</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Key Value</b>	SEARCHTIPS	<b>Header Description</b>	[Leave Blank]	<b>Element Type</b>	OPTION	<b>Position</b>	10	<b>Subposition</b>	30	<b>Image</b>	[Leave Blank]	<b>Visible?</b>	[Checked] (Default Value)	<b>Tabs</b>	ALL
<u>Field</u>	<u>Value</u>																		
<b>Key Value</b>	SEARCHTIPS																		
<b>Header Description</b>	[Leave Blank]																		
<b>Element Type</b>	OPTION																		
<b>Position</b>	10																		
<b>Subposition</b>	30																		
<b>Image</b>	[Leave Blank]																		
<b>Visible?</b>	[Checked] (Default Value)																		
<b>Tabs</b>	ALL																		

continued on next page

## Customizing the Application continued

### Creating the Search Menu

continued

Step	Action																		
7	<p>Click <b>New Row</b> and enter the following information:</p> <table> <thead> <tr> <th><u>Field</u></th> <th><u>Value</u></th> </tr> </thead> <tbody> <tr> <td><b>Key Value</b></td> <td>SM20</td> </tr> <tr> <td><b>Header Description</b></td> <td>Save Query</td> </tr> <tr> <td><b>Element Type</b></td> <td>HEADER</td> </tr> <tr> <td><b>Position</b></td> <td>20</td> </tr> <tr> <td><b>Subposition</b></td> <td>0</td> </tr> <tr> <td><b>Image</b></td> <td>atb_save.gif</td> </tr> <tr> <td><b>Visible?</b></td> <td>[<i>Checked</i>] (Default Value)</td> </tr> <tr> <td><b>Tabs</b></td> <td>ALL</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Key Value</b>	SM20	<b>Header Description</b>	Save Query	<b>Element Type</b>	HEADER	<b>Position</b>	20	<b>Subposition</b>	0	<b>Image</b>	atb_save.gif	<b>Visible?</b>	[ <i>Checked</i> ] (Default Value)	<b>Tabs</b>	ALL
<u>Field</u>	<u>Value</u>																		
<b>Key Value</b>	SM20																		
<b>Header Description</b>	Save Query																		
<b>Element Type</b>	HEADER																		
<b>Position</b>	20																		
<b>Subposition</b>	0																		
<b>Image</b>	atb_save.gif																		
<b>Visible?</b>	[ <i>Checked</i> ] (Default Value)																		
<b>Tabs</b>	ALL																		
8	<p>Click <b>New Row</b> and enter the following information:</p> <table> <thead> <tr> <th><u>Field</u></th> <th><u>Value</u></th> </tr> </thead> <tbody> <tr> <td><b>Key Value</b></td> <td>SEARCHSQRY</td> </tr> <tr> <td><b>Header Description</b></td> <td>[<i>Leave Blank</i>]</td> </tr> <tr> <td><b>Element Type</b></td> <td>OPTION</td> </tr> <tr> <td><b>Position</b></td> <td>20</td> </tr> <tr> <td><b>Subposition</b></td> <td>10</td> </tr> <tr> <td><b>Image</b></td> <td>[<i>Leave Blank</i>]</td> </tr> <tr> <td><b>Visible?</b></td> <td>[<i>Checked</i>] (Default Value)</td> </tr> <tr> <td><b>Tabs</b></td> <td>ALL</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Key Value</b>	SEARCHSQRY	<b>Header Description</b>	[ <i>Leave Blank</i> ]	<b>Element Type</b>	OPTION	<b>Position</b>	20	<b>Subposition</b>	10	<b>Image</b>	[ <i>Leave Blank</i> ]	<b>Visible?</b>	[ <i>Checked</i> ] (Default Value)	<b>Tabs</b>	ALL
<u>Field</u>	<u>Value</u>																		
<b>Key Value</b>	SEARCHSQRY																		
<b>Header Description</b>	[ <i>Leave Blank</i> ]																		
<b>Element Type</b>	OPTION																		
<b>Position</b>	20																		
<b>Subposition</b>	10																		
<b>Image</b>	[ <i>Leave Blank</i> ]																		
<b>Visible?</b>	[ <i>Checked</i> ] (Default Value)																		
<b>Tabs</b>	ALL																		

continued on next page

## Customizing the Application continued

### Creating the Search Menu

continued

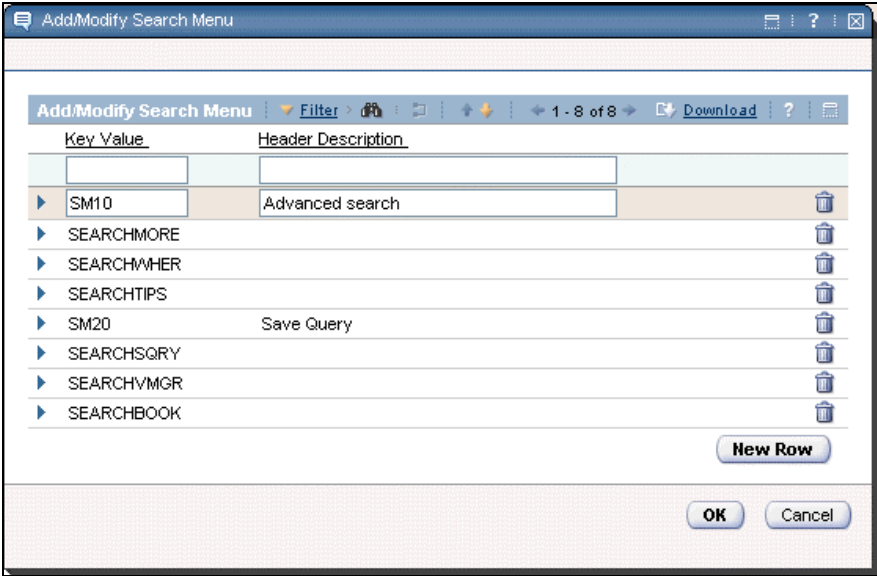
Step	Action																		
9	Click <b>New Row</b> and enter the following information: <table border="1" data-bbox="505 575 1192 995"> <thead> <tr> <th data-bbox="505 575 808 611"><u>Field</u></th> <th data-bbox="808 575 1192 611"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="505 611 808 657"><b>Key Value</b></td> <td data-bbox="808 611 1192 657">SEARCHVMGR</td> </tr> <tr> <td data-bbox="505 657 808 703"><b>Header Description</b></td> <td data-bbox="808 657 1192 703">[Leave Blank]</td> </tr> <tr> <td data-bbox="505 703 808 749"><b>Element Type</b></td> <td data-bbox="808 703 1192 749">OPTION</td> </tr> <tr> <td data-bbox="505 749 808 795"><b>Position</b></td> <td data-bbox="808 749 1192 795">20</td> </tr> <tr> <td data-bbox="505 795 808 842"><b>Subposition</b></td> <td data-bbox="808 795 1192 842">20</td> </tr> <tr> <td data-bbox="505 842 808 888"><b>Image</b></td> <td data-bbox="808 842 1192 888">[Leave Blank]</td> </tr> <tr> <td data-bbox="505 888 808 934"><b>Visible?</b></td> <td data-bbox="808 888 1192 934">[Checked] (Default Value)</td> </tr> <tr> <td data-bbox="505 934 808 995"><b>Tabs</b></td> <td data-bbox="808 934 1192 995">ALL</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Key Value</b>	SEARCHVMGR	<b>Header Description</b>	[Leave Blank]	<b>Element Type</b>	OPTION	<b>Position</b>	20	<b>Subposition</b>	20	<b>Image</b>	[Leave Blank]	<b>Visible?</b>	[Checked] (Default Value)	<b>Tabs</b>	ALL
<u>Field</u>	<u>Value</u>																		
<b>Key Value</b>	SEARCHVMGR																		
<b>Header Description</b>	[Leave Blank]																		
<b>Element Type</b>	OPTION																		
<b>Position</b>	20																		
<b>Subposition</b>	20																		
<b>Image</b>	[Leave Blank]																		
<b>Visible?</b>	[Checked] (Default Value)																		
<b>Tabs</b>	ALL																		
10	Click <b>New Row</b> and enter the following information: <table border="1" data-bbox="505 1050 1192 1472"> <thead> <tr> <th data-bbox="505 1050 808 1085"><u>Field</u></th> <th data-bbox="808 1050 1192 1085"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="505 1085 808 1131"><b>Key Value</b></td> <td data-bbox="808 1085 1192 1131">SEARCHBOOK</td> </tr> <tr> <td data-bbox="505 1131 808 1178"><b>Header Description</b></td> <td data-bbox="808 1131 1192 1178">[Leave Blank]</td> </tr> <tr> <td data-bbox="505 1178 808 1224"><b>Element Type</b></td> <td data-bbox="808 1178 1192 1224">OPTION</td> </tr> <tr> <td data-bbox="505 1224 808 1270"><b>Position</b></td> <td data-bbox="808 1224 1192 1270">30</td> </tr> <tr> <td data-bbox="505 1270 808 1316"><b>Subposition</b></td> <td data-bbox="808 1270 1192 1316">0</td> </tr> <tr> <td data-bbox="505 1316 808 1362"><b>Image</b></td> <td data-bbox="808 1316 1192 1362">[Leave Blank]</td> </tr> <tr> <td data-bbox="505 1362 808 1409"><b>Visible?</b></td> <td data-bbox="808 1362 1192 1409">[Checked] (Default Value)</td> </tr> <tr> <td data-bbox="505 1409 808 1472"><b>Tabs</b></td> <td data-bbox="808 1409 1192 1472">ALL</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Key Value</b>	SEARCHBOOK	<b>Header Description</b>	[Leave Blank]	<b>Element Type</b>	OPTION	<b>Position</b>	30	<b>Subposition</b>	0	<b>Image</b>	[Leave Blank]	<b>Visible?</b>	[Checked] (Default Value)	<b>Tabs</b>	ALL
<u>Field</u>	<u>Value</u>																		
<b>Key Value</b>	SEARCHBOOK																		
<b>Header Description</b>	[Leave Blank]																		
<b>Element Type</b>	OPTION																		
<b>Position</b>	30																		
<b>Subposition</b>	0																		
<b>Image</b>	[Leave Blank]																		
<b>Visible?</b>	[Checked] (Default Value)																		
<b>Tabs</b>	ALL																		

continued on next page

## Customizing the Application continued

### Creating the Search Menu

continued

Step	Action
11	<p>Before you click <b>OK</b>, your display should look similar to this one.</p>  <p>Click <b>OK</b>.</p> <p><u>Result:</u> The Add/Modify Search Menu dialog box closes.</p>
12	<p><b>Save</b> your record.</p>

## Modifying the List Tab

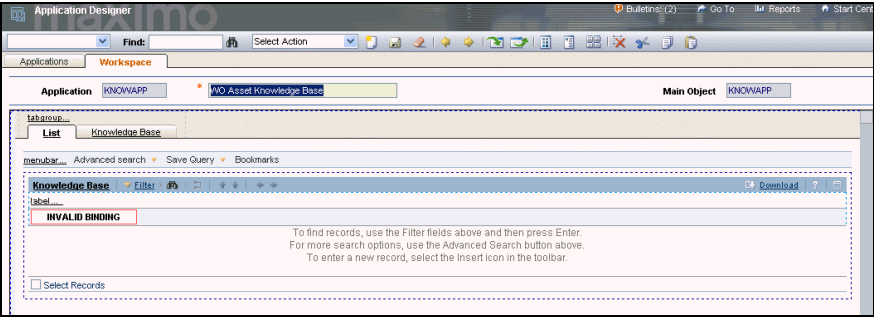
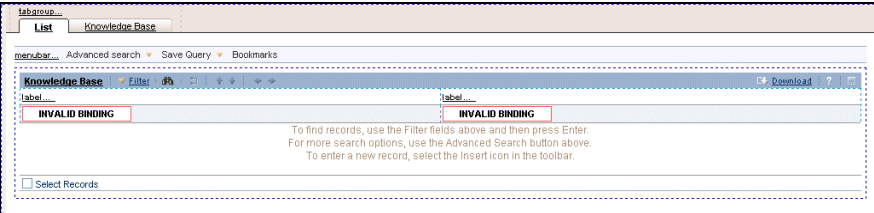
### Introduction

Before we finalize our WO Asset Knowledge Base power application, we will modify the List tab.

### Modify the List Tab

The List tab needs some modifications to work properly with our application. The List tab holds Table Column controls. Table Column controls are always added to the left of the current Table Column control.

Use the following steps to make the necessary modifications.

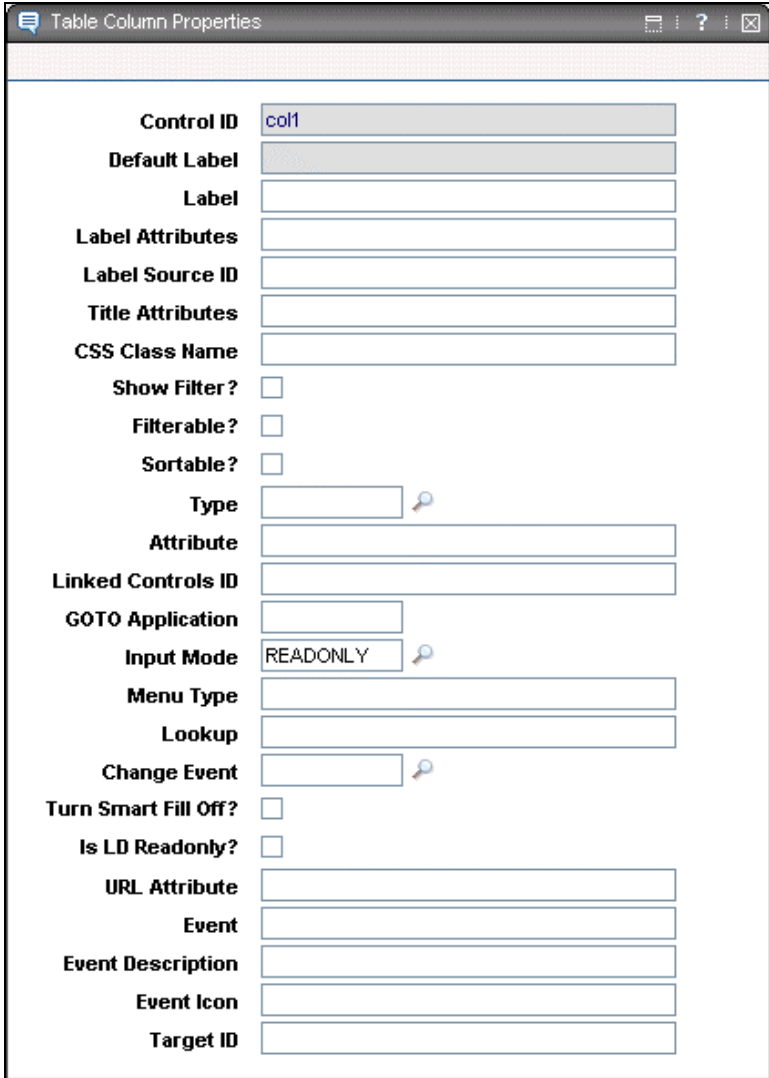
Step	Action
1	<p>In the <b>Application Designer's</b> workspace, select the <b>List</b> tab.</p> <p><u>Result:</u> The List tab opens in the workspace with one Table Column control.</p> 
2	<p>Add a <i>second</i> <b>Table Column</b> control.</p> <p><u>Note:</u> Drop the second Table Column control onto the Table control, and not onto the first Table Column control.</p> <p><u>Result:</u> Your List tab should look similar to this one.</p> 

continued on next page

## Modifying the List Tab continued

**Modify the List Tab**

continued

Step	Action
3	Add a <i>third</i> <b>Table Column</b> control.
4	<p>Open the <b>Control Properties</b> dialog box for the <i>second</i> Table Column control.</p> <p><u>Result:</u> The Table Column Properties dialog box opens.</p> 

continued on next page

## Modifying the List Tab continued

### Modify the List Tab

continued

Step	Action										
5	Enter the following information: <table border="0"> <thead> <tr> <th data-bbox="509 579 586 611"><u>Field</u></th> <th data-bbox="797 579 881 611"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="509 625 586 657"><b>Label</b></td> <td data-bbox="797 625 997 657">Knowledge ID</td> </tr> <tr> <td data-bbox="509 672 639 703"><b>Attribute</b></td> <td data-bbox="797 672 971 703">KNOWNUM</td> </tr> <tr> <td data-bbox="509 718 591 749"><b>Event</b></td> <td data-bbox="797 718 971 749">selectrecord</td> </tr> <tr> <td data-bbox="509 764 760 795"><b>Event Description</b></td> <td data-bbox="797 764 938 795">Go To %1</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Label</b>	Knowledge ID	<b>Attribute</b>	KNOWNUM	<b>Event</b>	selectrecord	<b>Event Description</b>	Go To %1
<u>Field</u>	<u>Value</u>										
<b>Label</b>	Knowledge ID										
<b>Attribute</b>	KNOWNUM										
<b>Event</b>	selectrecord										
<b>Event Description</b>	Go To %1										
6	Open the <b>Control Properties</b> dialog box for the <i>third</i> Table Column control and enter the following information: <table border="0"> <thead> <tr> <th data-bbox="509 905 586 936"><u>Field</u></th> <th data-bbox="797 905 881 936"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="509 951 586 982"><b>Label</b></td> <td data-bbox="797 951 959 982">Description</td> </tr> <tr> <td data-bbox="509 997 639 1029"><b>Attribute</b></td> <td data-bbox="797 997 1016 1029">DESCRIPTION</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Label</b>	Description	<b>Attribute</b>	DESCRIPTION				
<u>Field</u>	<u>Value</u>										
<b>Label</b>	Description										
<b>Attribute</b>	DESCRIPTION										

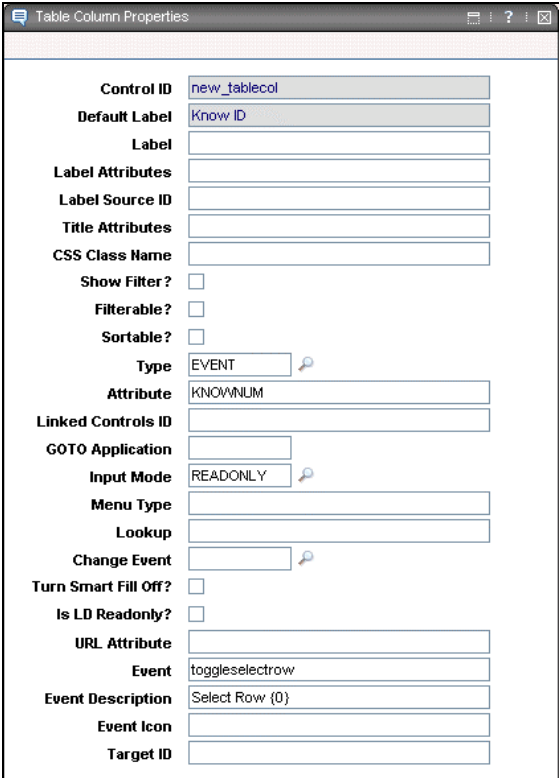
continued on next page



## Modifying the List Tab continued

**Modify the List Tab**

continued

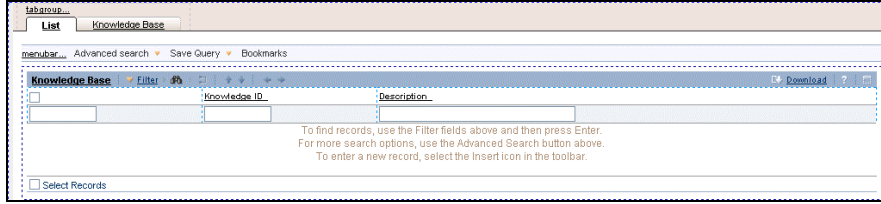
Step	Action												
7	<p>Open the <b>Control Properties</b> dialog box for the <i>first</i> Table Column control and enter the following information:</p> <table border="1" data-bbox="560 615 1055 884"> <thead> <tr> <th><u>Field</u></th> <th><u>Value</u></th> </tr> </thead> <tbody> <tr> <td>Type</td> <td>EVENT</td> </tr> <tr> <td>Attribute</td> <td>KNOWNUM</td> </tr> <tr> <td>Input Mode</td> <td>READONLY</td> </tr> <tr> <td>Event</td> <td>toggleselectrow</td> </tr> <tr> <td>Event Description</td> <td>Select Row {0}</td> </tr> </tbody> </table> <p><u>Result:</u> Your Table Column control should look similar to this one.</p> 	<u>Field</u>	<u>Value</u>	Type	EVENT	Attribute	KNOWNUM	Input Mode	READONLY	Event	toggleselectrow	Event Description	Select Row {0}
<u>Field</u>	<u>Value</u>												
Type	EVENT												
Attribute	KNOWNUM												
Input Mode	READONLY												
Event	toggleselectrow												
Event Description	Select Row {0}												

continued on next page

## Modifying the List Tab continued

### Modify the List Tab

continued

Step	Action				
8	Close the <b>Table Column Properties</b> dialog box and <b>save</b> the record.				
9	Select the Table control, open the <b>Table Properties</b> dialog box, and enter the following information:  <table border="1" data-bbox="509 701 935 785"> <thead> <tr> <th data-bbox="509 701 678 737"><u>Field</u></th> <th data-bbox="678 701 935 737"><u>Value</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="509 737 678 785"><b>Label</b></td> <td data-bbox="678 737 935 785">Knowledge Base</td> </tr> </tbody> </table>	<u>Field</u>	<u>Value</u>	<b>Label</b>	Knowledge Base
<u>Field</u>	<u>Value</u>				
<b>Label</b>	Knowledge Base				
10	Close the <b>Table Properties</b> dialog box and <b>save</b> the record.  <u>Result:</u> Your display should look similar to this one.  				

## Finishing the Power Application

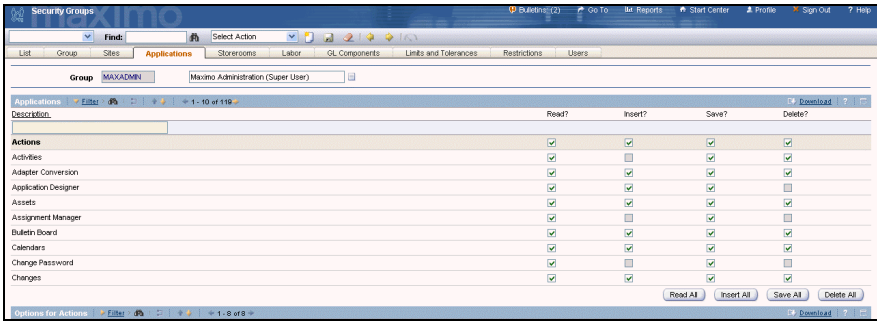
### Introduction

Now that we have made most of the necessary changes to our new Knowledge Base power application, we want to be able to see it and make any final edits. First we need to grant access to a security group so that we can view our application.

### Granting Access

We cannot see all of the features of our new application until we grant access to a specific user or users through a security group. Because the MAXADMIN security group has full access to all Maximo applications, at the very least, this security group should have full access.

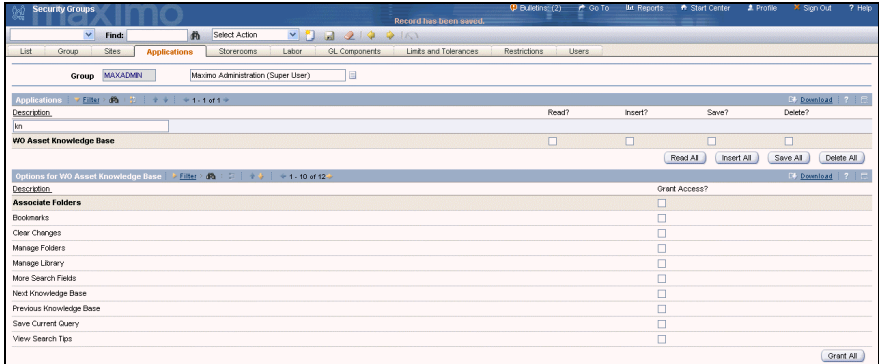
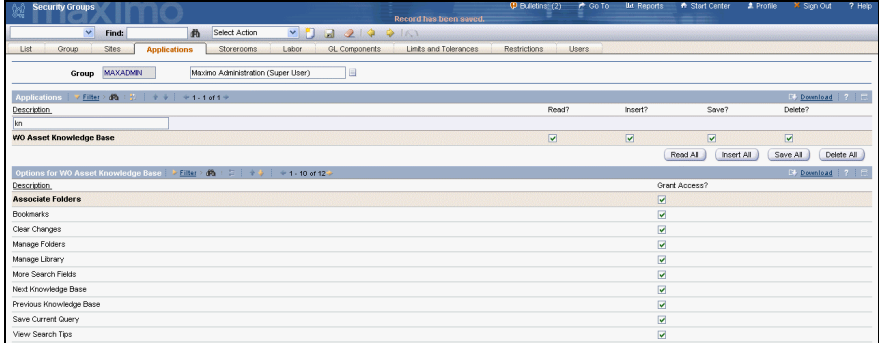
Use the following steps.

Step	Action																																																		
1	<p>Ensure that you are signed in to Maximo as the superuser <b>Mike Wilson (wilson/wilson)</b>, or as yourself if you used self-registration in an MRO standard training environment.</p> <p><u>Note:</u> Self-registration only provides access as a superuser through the MAXADMIN security group in a standard MRO training environment, or if your training environment has been modified. Self-registration in Maximo, out-of-the-box by default, does not provide any access.</p>																																																		
2	<p>Open the <b>Security Groups</b> application, then find and select the <b>MAXADMIN</b> security group.</p>																																																		
3	<p>Select the <b>Applications</b> tab and open the <b>Filter</b>.</p> <p><u>Result:</u> Your display should look similar to this one.</p>  <table border="1" data-bbox="560 1360 1432 1680"> <thead> <tr> <th>Applications</th> <th>Read?</th> <th>Insert?</th> <th>Save?</th> <th>Delete?</th> </tr> </thead> <tbody> <tr><td>Activities</td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr> <tr><td>Adapter Conversion</td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr> <tr><td>Application Designer</td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>Assets</td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr> <tr><td>Assignment Manager</td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr> <tr><td>Bulletin Board</td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr> <tr><td>Calendars</td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr> <tr><td>Change Password</td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr> <tr><td>Changes</td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr> </tbody> </table>	Applications	Read?	Insert?	Save?	Delete?	Activities	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Adapter Conversion	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Application Designer	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Assets	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Assignment Manager	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bulletin Board	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Calendars	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Change Password	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Changes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Applications	Read?	Insert?	Save?	Delete?																																															
Activities	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																															
Adapter Conversion	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																															
Application Designer	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>																																															
Assets	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																															
Assignment Manager	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																															
Bulletin Board	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																															
Calendars	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																															
Change Password	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																															
Changes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																															

continued on next page

## Finishing the Power Application continued

### Granting Access continued

Step	Action
4	<p>Using the <b>Filter</b>, find and select your <b>Knowledge Base</b> application.  <b>Result:</b> Your WO Asset Knowledge Base application opens.</p> 
5	<p>Click all of the following buttons:</p> <ul style="list-style-type: none"> <li>• <b>Read All</b></li> <li>• <b>Insert All</b></li> <li>• <b>Save All</b></li> <li>• <b>Delete All</b></li> <li>• <b>Grant All</b></li> </ul> <p><b>Result:</b> Your display should look similar to this one.</p> 
6	<p><b>Save your record.</b></p>

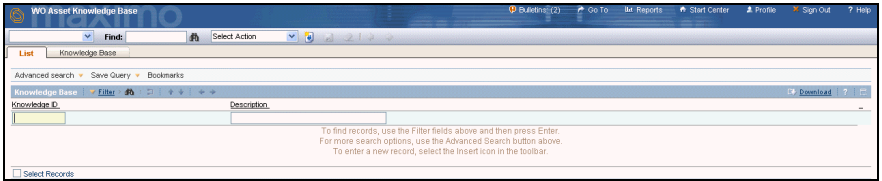
continued on next page

## Finishing the Power Application continued

### Checking Your Work

Now that we have granted access to the MAXADMIN security group, we can sign in to Maximo as a user assigned to this security group. Because Mike Wilson (or your self-registered user, if applicable) is assigned to this group, and we are already signed in to Maximo, we can go directly to our new Knowledge Base power application.

Use the following steps.

Step	Action
1	<p>From the Maximo <b>Go To</b> menu, select <b>WO Asset Knowledge Base</b> from the <b>Work Order</b> module.</p> <p><u>Result:</u> Your Knowledge Base application opens.</p> 
2	<p>Test the functionality of your application by performing the following tasks, as a minimum:</p> <ul style="list-style-type: none"> <li>• Create at least four new records.</li> <li>• Use the Asset field's Select Value menu.</li> <li>• Delete one of the records.</li> <li>• Find all records using the List tab.</li> <li>• Navigate your records.</li> <li>• Make changes to your records.</li> <li>• Check any other functionality that you want to investigate.</li> </ul>
3	<p>What functionality is not working?</p>

continued on next page

## Finishing the Power Application continued

---

### Checking Your Work

continued

Step	Action
4	What missing functionality would you like to add?
5	When you are finished, return to the <b>Start Center</b> .

---

### Discussion and Workshop



As a group, discuss what functionality is not working, if any, and determine why it might not be working.

As a group, discuss what functionality you think might be added to this application, and discuss how this would be done.

Perform any work necessary to correct anything that is not working or to add anything that you have determined should be added.

Clean up the application as required.

---

### Challenge Exercise



As a matter of course, the scope of this project has changed slightly. You are now required to add more data to your application. When you select the asset using the **Select Value** menu, you are now required to also show the asset's location and its location's description.

Add the Location field to the first column of the third section.

#### Hints:

- You created the LOCATION relationship in the Database Configuration application.
  - Use a Multipart Textbox control.
  - Attribute: KNOWASSET.LOCATION.
  - Attribute for Part 2: KNOWASSET.LOCATION.DESCRPTION.
-

## Exporting/Importing an Application

---

### Introduction

Use the Export functionality in the Application Designer application to export the code of Maximo applications into an XML file that can be saved in a location you specify. The XML file can then be imported into any environment used for Maximo applications.

Use the Import functionality to import any Maximo application XML file, according to your needs. This enables you to easily move Maximo applications among multiple environments while the applications are being configured, tested, and deployed.

---

### Exporting an Application

You can also use the Export functionality as a method for backing up your applications. While configuring an application, you can periodically export it; if something goes wrong, then you can always use Import to reload the latest working XML file.

Export uses the last saved instance in the database. Any unsaved changes that you made to the current application on the Application Designer's Workspace tab are not exported.

You can export either a single application or multiple applications.

---

### Export a Single Application

Follow these steps to export your Knowledge Base power application.


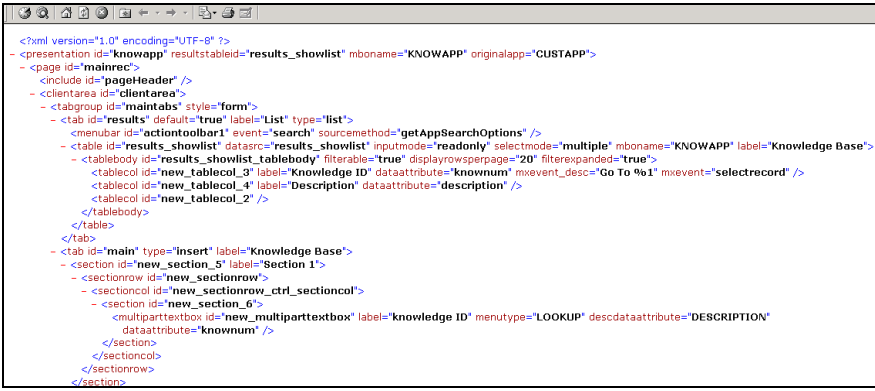
Step	Action
1	Open the <b>Application Designer</b> application, then find and select the <b>Knowledge Base</b> application.

continued on next page

## Exporting/Importing an Application continued

### Export a Single Application

continued

Step	Action
2	<p>Click the <b>Export Application Definition</b> button .</p> <p><u>Note:</u> Ensure that you have turned off any pop-up blockers!</p> <p><u>Result:</u> Your display should look similar to this one.</p> 
3	<p><b>Save</b> the XML file.</p> <p><u>Note:</u> In a standard MRO training environment, with Maximo installed locally, you could save the XML file in the C:\Maximo\resources\presentations location.</p>

### How to Export Multiple Applications

If you wanted to export multiple applications, you would use the following steps:

1	Using the <b>Application</b> tab of the <b>Application Designer</b> application, select the applications you want to export.
2	Click the <b>Export Application Definition</b> button. <u>Note:</u> All applications are saved in one XML file.
3	<b>Save</b> the XML file.

continued on next page



## Exporting/Importing an Application continued

### Importing an Application



Use the Import functionality to import into the production environment Maximo applications that have been configured and tested in a staging environment and are ready for production.

Importing an application overwrites the application in the database, if it exists.


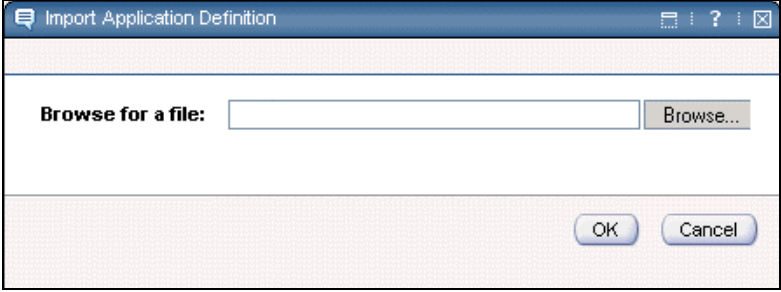
**Best Practice:** It is a *best practice* to export the original application as a backup before importing the newer version. This enables you to revert to the last known working application if something goes wrong.

You can export either a single application or multiple applications. If the XML file contains code for more than one application, the import process automatically reads the beginning and the end points for each application and loads the code into the appropriate applications in the database.

### How to Import an Application

You would use the following steps to import an application or applications.

**Note:** Importing a single application is the same as importing multiple applications.

1	<p>Using the <b>Application Designer</b> application, click the <b>Import Application Definition</b> button .</p> <p><b>Result:</b> The Import Application Definition dialog box opens.</p> 
2	<p>Browse for the desired application definition XML file to import, then click <b>OK</b>.</p>
3	<p><b>Save</b> the record.</p>

## Deleting a User-Created Application

### Introduction

A user-created application is an application you create by duplicating an existing Maximo application, or a new application you create using the Application Designer. Only a user-created application can be deleted.

### How to Delete a User-Created Application

You would use the following steps to delete a user-created application.

Note: While duplicating an application in the Application Designer, make sure that you save the duplicated application by clicking **Save Application**

**Definition**. Only a duplicated application that has been saved can be deleted.

1	Log in to a database editor.
2	<p>Type the following commands in the database editor, replacing the value <code>&lt;APPLICATION NAME&gt;</code> with the actual name of the application you want to delete.</p> <p><u>Note</u>: The application name should be in all uppercase.</p> <p><u>Example</u>: If the name of the application you want to delete is <b>Test</b>, replace <code>&lt;APPLICATION NAME&gt;</code> with <code>TEST</code> in all the commands.</p> <pre>delete from maxapps where app='&lt;APPLICATION NAME&gt;'; delete from maxpresentation where app='&lt;APPLICATION NAME&gt;'; delete from sigoption where app='&lt;APPLICATION NAME&gt;'; delete from applicationauth where app='&lt;APPLICATION NAME&gt;'; delete from maxlabels where app='&lt;APPLICATION NAME&gt;'; delete from maxmenu where moduleapp='&lt;APPLICATION NAME&gt;' and menutype !='MODULE'; delete from maxmenu where moduleapp='&lt;APPLICATION NAME&gt;' and elementtype='APP' and keyvalue='&lt;APPLICATION NAME&gt;'; delete from appdoctype where app= '&lt;APPLICATION NAME&gt;';</pre> <p><u>Result</u>: The application is deleted from the Maximo database. You can log out of the database editor.</p>

## Summary

---

### **The Application Designer User Interface**

The Application Designer provides a user interface-based environment for configuring Maximo applications to meet the user's specific business needs and requirements.

The ease of use of the Application Designer enables both technical and non-technical users to configure Maximo applications without editing a line of code. The drag-and-drop feature in the Application Designer further simplifies the process of editing applications.

Some of the common modifications the user can make with the Application Designer are moving fields and sections, and creating new fields, tables, and tabs. Other advanced capabilities are creating or duplicating applications, editing dialog boxes, defining signature options, and editing the Toolbar or the Select Action menu.

---

### **The Application Designer Work Area**

The **Workspace** tab of the Application Designer is the work area for configuring the Maximo applications. When an application is opened on the Workspace tab, a box surrounds the application, identifying its boundaries.

The Application Designer's **Navigation Bar** and **Toolbar** are above the workspace, at the top of the screen.

---

continued on next page

## Summary continued

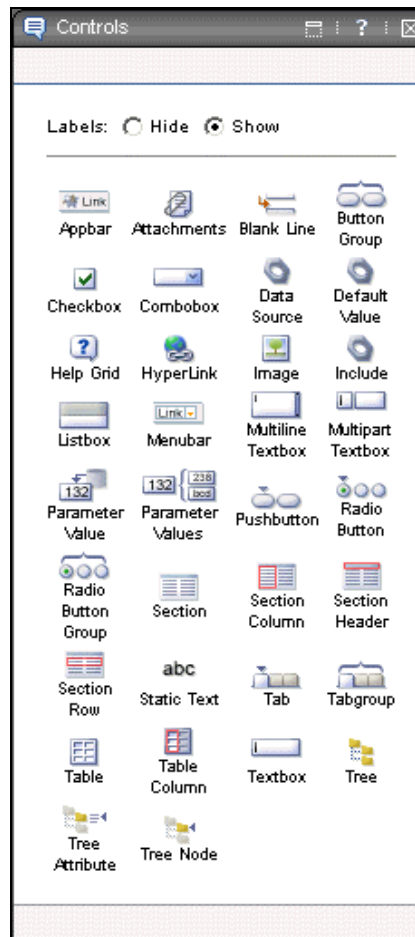
---

### The Control Palette

Open the **Control Palette** from the toolbar.



The Control Palette contains all of the controls necessary for use in an application.



---

continued on next page

## Summary continued

---

### **Cloning an Application**

There are times when just modifying an application is not enough to accomplish the business objectives. Maximo is highly customizable to meet your business needs. This is no less true when using the Application Designer application.

In this section, we looked at duplicating (or *cloning*) an application. Upon duplication, a clone of the existing application is created and Maximo copies all the information from the existing application to the duplicated application. You can modify the values in the duplicate application and save it as a new application.

---

### **Creating a New Application**

The Application Designer application can be used in conjunction with the Database Configuration application to create new applications.

- Create the database object, its attributes, and so forth using the Database Configuration application.
  - Create the application using the Application Designer application.
- 

### **Exporting/ Importing an Application**

Use the Export functionality in the Application Designer application to export the code of Maximo applications into an XML file that can be saved in a location you specify. The XML file can then be imported into any environment used for Maximo applications.

Use the Import functionality to import any Maximo application XML file, according to your needs. This enables you to easily move Maximo applications among multiple environments while the applications are being configured, tested, and deployed.

---

## Workshop

---

### Introduction

In this workshop, you will create a custom application to view the method used in communicating with vendors for specific sites. Each site may use a different method with each vendor.

Our custom application will include the following fields: Company identification, Name, Purchase Order, Change Order, Request for Quote, and SiteID. An ALN domain will be created with the values EDI, AUTOFAX, and MANUAL, and will be attached to the Purchase Order, Change Order, and Request for Quote fields. There will also be a Detail Menu (table domain) on the Company field. This will allow users to display the Company dialog box and select the company. The name of the company will automatically populate the Name (crossover domain) field when the company is selected. A domain will be created to display the sites listed for an organization.

---

### Create the Necessary Domains

You will need to create the following domains:

- A table domain for the Company field and a crossover domain so that when the company is selected, the company name will automatically populate the Name field
  - An ALN domain for the Purchase\_Order, Change\_Order, and Request\_for\_Quote fields
  - An ALN domain for the site lookup to the Site field
- 

continued on next page

## Workshop continued

---

### Create the Domains

Using the Domains application, create the following domains:

- Create an ALN domain:

<u>Field</u>	<u>Value</u>
Domain	TRANSID
Description	Type of Vendor Communication
Data Type	UPPER

Note: **Data Type** must match field's **Type!**

<b>Length</b>	1
---------------	---

Note: **Length** must match field's **Length!**

- Add rows:

<u>Row</u>	<u>Value</u>	<u>Description</u>
1	A	AutoFax
2	E	EDI
3	M	Manual

Add a domain to attach the Company dialog box to the Company field on the new application.

- Add a CROSSOVER domain:

<u>Field</u>	<u>Value</u>
Domain	CONAME
Description	Company Name to VNDREDI2

- In the CROSSOVER Domain section:

<u>Field</u>	<u>Value</u>
Object	COMPANIES
Validation Where Clause	company=:company

- In the Crossover Fields section:

<u>Field</u>	<u>Value</u>
Source Field	NAME
Destination Field	NAME

Save your records.

---

## Workshop continued

**Create the Object** Using the Database Configuration application, create a new object:

<u>Field</u>	<u>Value</u>
<b>Object</b>	VNDREDI2
<b>Description</b>	Track Vendor EDI/Fax Communications
<b>Level</b>	ORG

**Create the Attributes** Using the Database Configuration application, create the following attributes, save the records, and reconfigure the database.

Attribute (Name)	Description	Type	Length	Same as Object	Same as Attribute	Domain
COMPANY	The Name of the Vendor	UPPER	12	COMPANIES	COMPANY	CONAME
NAME		ALN	50	COMPANIES	NAME	
SITEID		UPPER	8	SITE	SITEID	
*ORGID		UPPER	8			
PURCHASE_ORDER		UPPER	1			TRANSID
REQUEST_FOR_QUOTE		UPPER	1			TRANSID
CHANGE_ORDER		UPPER	1			TRANSID

\* For **ORGID**, enter this **CLASS**: **psdi.app.TicketFldTkSiteld**

*Note: The **CLASS** field is case-sensitive!*

continued on next page



**Workshop** continued**Create the Application**

Using the Application Designer application, create a single-page application.

<u>Field</u>	<u>Value</u>
<b>Application</b>	VNDREDI2
<b>Description</b>	Vendor Communications
<b>Main Object</b>	VNDREDI2
<b>Module</b>	PURCHASE

**Add Table Columns**

On the Workspace tab, add *five* table columns into the *table*.

Note: In a single-page application, there will now be eight table columns.

**Set the Table Control's Properties**

Set the Table Control property's **Label** field to:

Vendor Communications

**Set Each Table Column's Properties**

In the first section, starting with the second Table Column control (the first one you added), enter the following property values:

<b>Table Control</b>	<b>Label</b>	<b>Attribute</b>	<b>GO TO Application</b>	<b>Input Mode</b>	<b>Menu Type</b>	<b>Lookup</b>
Second	Company	COMPANY	COMPANY		NORMAL	COMPANIES
Third	Name	NAME				
Fourth	Purchase Order	PURCHASE_ORDER				
Fifth	Change Order	CHANGE_ORDER				
Sixth	Request for Quote	REQUEST_FOR_QUOTE				
Seventh	Site ID	SITEID				SITE

continued on next page

## Workshop continued

---

### Modify the Details Section

Modify the Details section as follows:

- Add *four* Textbox controls into the Details section.
- Add a Multipart Textbox control into the Details section, above the four Textbox controls.
- Modify the Multipart Textbox control:

<u>Field</u>	<u>Value</u>
Label	Company
Attribute	COMPANY
Menu Type	NORMAL
Lookup	COMPANIES
GO TO App	COMPANY
Attribute for Part 2	NAME

- Modify the *first* Textbox control:

<u>Field</u>	<u>Value</u>
Label	PO
Attribute	PURCHASE_ORDER
Menu Type	NORMAL
Lookup	VALUELIST

continued on next page

**Workshop** continued**Modify the  
Details Section**

continued

- Modify the *second* Textbox control:

<u>Field</u>	<u>Value</u>
<b>Label</b>	Change Order
<b>Attribute</b>	CHANGE_ORDER
<b>Menu Type</b>	NORMAL
<b>Lookup</b>	VALUELIST

- Modify the *third* Textbox control:

<u>Field</u>	<u>Value</u>
<b>Label</b>	RFQ
<b>Attribute</b>	REQUEST_FOR_QUOTE
<b>Menu Type</b>	NORMAL
<b>Lookup</b>	VALUELIST

- Modify the *fourth* Textbox control:

<u>Field</u>	<u>Value</u>
<b>Label</b>	Site
<b>Attribute</b>	SITEID
<b>Lookup</b>	SITE

- Modify the Pushbutton:

<u>Field</u>	<u>Value</u>
<b>Label</b>	New Row
<b>Default Button</b>	[ <i>Checked</i> ]
<b>Event</b>	addrow

continued on next page

## Workshop continued

---

### Modify the Toolbar

Modify the Toolbar as follows:

- Add a SAVE icon:

<u>Field</u>	<u>Value</u>
Key Value	SAVE
Header Desc	Save
Element Type	Option
Position	13
Subposition	0
Image	nav_icon_save.gif
Access Key	CTRL+ALT+S
Tabs	ALL

- Add a Separator:

<u>Field</u>	<u>Value</u>
Key Value	AT20
Element Type	SEP
Position	20
Subposition	0
Tabs	ALL

---

### Add Signature Security Options

As a minimum, add READ, INSERT, and SAVE.

- CLEAR, NEXT, and PREVIOUS should also be added.
  - BOOKMARK, SEARCH, and DOC Library functions are optional.
- 

### Add Select Action Menu Items

Add any desired Select Action menu items.

---

continued on next page

## Workshop continued

---

**Modify Security Group(s)**

At the very least, modify the MAXADMIN security group to allow access to your Vendor Communications application.

---

**Save and Export**

- Save your new Vendor Communications application.
  - Export your new Vendor communications application.
- 

**Verify Your Work**

- Use the Maximo **Go To** menu to navigate to your new Vendor Communications application.
  - Insert a new record and add values.
-

**NOTES:**

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

**Name:** \_\_\_\_\_  
**Class:** \_\_\_\_\_

**Instructor:** \_\_\_\_\_  
**Date:** \_\_\_\_\_

	Excel- lent	Very Good	Good	Fair	Poor	Very Poor
1. The course structure and style was:						
2. The course content was:						
3. The workshops as a whole were:						
4. The length of the course was :						
5. Course organization was:						
6. Relevance and usefulness of course content was:						
7. Opportunity for practicing what was learned was:						
8. Amount you learned in the class was:						
9. The instructor's effectiveness in teaching the subject matter was:						
10. Use of class time was:						
11. Instructor's use of examples and illustrations was:						
12. Instructor's ability to answer student questions was:						
13. Instructor's ability to present alternative explanations when needed was:						
14. Tailoring of instruction to varying student skill levels was:						
15. Instructor demonstrations were:						
16. Instructor's ability to solve unexpected problems was:						

17. Which aspects of this course were most effective? \_\_\_\_\_

18. Which aspects of this course detracted from your learning? \_\_\_\_\_

19. What suggestions do you have for improving this course? \_\_\_\_\_