Introducing the Deployment Packager

Hummingbird Deployment Packager, available with Hummingbird Deployment Wizard, is an administrative tool with a graphical user interface that makes it easy to create and edit your own customized Package Assemblies (.dpa files).

These Package Assemblies provide the following functionality:

- Describe the contents (applications, components, and documents) of a Deployment Package.
- Define how and where those contents will be installed on the end users' remote desktops.
- Describe how the Deployment installer handles the versions of files to be installed.

After you create a Package Assembly, you can use the Hummingbird Deployment Wizard to specify which ones will be available for deployment, and at what point during the deployment process they will be installed on the end user's machine with the rest of the HostExplorer packages. The Deployment Runtime component uses these assemblies to generate Deployment Packages, which are . dpf files that contain all the items described in the Package Assemblies. These items are packaged in a compressed and installable form.

For example, you can create an assembly file that will be packaged later as an uninstaller program so that, once deployed, automatically uninstalls an older version of HostExplorer on all end users' machines before a new version of HostExplorer is installed.

Note: For information on building and deploying packages, see Hummingbird Deployment Wizard Help.

Related Topics

Creating Package Assemblies

Creating Package Assemblies

The Package Assemblies (.dpa files) that you create inform the Deployment Runtime component how to package the specified files and deploy them onto end users' machines.

To create a Package Assembly:

- 1. If you are working with a new assembly, go to step 2. Otherwise, click New on the File menu.
- 2. On the Item menu, click New Item. The Item Properties dialog box opens.
- 4. In the Destination box, specify the folder in which the file is to be installed on the remote machine. Refer to the following list of replacers that you can use to specify the path.

Note: Although the Deployment Packager lets you browse for a destination (for example, c:\test\deployment), the destination that you specify must be a local path that is valid on the remote machine.

- 5. In the Replace This File list, specify whether or not the deployed file will replace an existing file (if any) on the remote machine, and if a replacement is to occur, under what condition.
- 6. Select Register This Item if you want the file to be registered once it is deployed.

Note: Typically, you should select this option for COM or ActiveX objects. For all other types of items, you should clear this option.

7. Click OK.

Related Topics

Item Properties Dialog Box

Modifying Package Assemblies

Viewing Packages

Deleting Package Assembly Items

Viewing Packages

In the Deployment Packager window, you can explore the contents of an existing Deployment Package (.dpf file). This package could be one that you built previously with Deployment Wizard, or one that you received from somewhere else. The contents of the package can include items such as files, executables, and so forth. For each item, the name of the file, the destination directory path, and the source directory path displays.

Note: The information in the Deployment Packager window is read-only. If you want to edit the contents of the package, you must open the associated assembly to modify it.

To view an existing package item:

- 1. On the File menu, click View Package. The Open dialog box opens.
- 2. Browse for the .dpf file and click Open.

The file name, version, date, and size of each item contained in the package appear in the Deployment Packager window.

Related Topics

<u>Creating Package Assemblies</u> <u>Modifying Package Assemblies</u>

Modifying Package Assemblies

You may want to change the properties of your Package Assembly before you specify the assembly in the Deployment Wizard, and it is generated into a package. For example, you may find that you need to change the destination path specifying where the package is to be installed on the remote machine.

To modify a Package Assembly:

- 1. Open the Package Assembly that you want to modify by clicking Open Assembly on the File menu. The Open dialog box opens.
- 2. Browse for the assembly and click Open. The contents of the assembly appear in the Deployment Packager window.
- 3. Double-click the assembly item that you want to modify. The Item Properties dialog box opens.
- 4. Modify the information in the dialog box, as required.
- 5. Click OK.

Related Topics

Item Properties Dialog Box

Deleting Package Assembly Items

You can remove an item from an existing Package Assembly.

To delete an item from a Package Assembly:

- 1. Open the Package Assembly that contains the item that you want to delete by clicking Open Assembly on the File menu. The Open dialog box opens.
- 2. Browse for the assembly and click Open. The contents of the assembly appear in the Deployment Packager window.
- 3. Select the package item that you want to remove.
- 4. On the toolbar, click the Delete Selected Item button.

Related Topics

Creating Package Assemblies

General Accessibility

Hummingbird products are accessible to all users. Wherever possible, our software adheres to Microsoft Windows interface standards and contains a comprehensive set of accessibility features.

Access Keys All menus have associated access keys (mnemonics) that let you use the keyboard, rather than a mouse, to navigate the user interface (UI). These access keys appear as underlined letters in the names of most UI items. (If this is not the case, press Alt to reveal them.) To open any menu, press Alt and then press the key that corresponds with the underlined letter in the menu name. For example, to access the File menu in any Hummingbird application, press Alt+F.

Once you have opened a menu, you can access an item on the menu by pressing the underlined letter in the menu item name, or you can use the arrow keys to navigate the menu list.

Keyboard Shortcuts Some often-used menu options also have shortcut (accelerator) keys. The shortcut key for an item appears beside it on the menu.

Directional Arrows Use the directional arrows on the keyboard to navigate through menu items or to scroll vertically and horizontally. You can also use the directional arrows to navigate through multiple options. For example, if you have a series of radio buttons, you can use the arrow keys to navigate the possible selections.

Tab Key Sequence To navigate through a dialog box, press the Tab key. Selected items appear with a dotted border. You can also press Shift+Tab to go back to a previous selection within the dialog box.

Spacebar Press the Spacebar to select or clear check boxes, or to select buttons in a dialog box.

Esc Press the Esc key to close a dialog box without implementing any new settings.

Enter Press the Enter key to select the highlighted item or to close a dialog box and apply the new settings. You can also press the Enter key to close all About boxes.

ToolTips ToolTips appear for all functional icons. This feature lets users use Screen Reviewers to make interface information available through synthesized speech or through a refreshable Braille display.

Microsoft Accessibility Options

Microsoft Windows environments contain accessibility options that let you change how you interact with the software. These options can add sound, increase the magnification, and create sticky keys.

To enable/disable Accessibility options:

- 1. In Control Panel, double-click Accessibility Options.
- 2. In the Accessibility Options dialog box, select or clear the option check boxes on the various tabs as required, and click Apply.
- 3. Click OK.

If you installed the Microsoft Accessibility components for your Windows system, you can find additional accessibility tools under Accessibility on the Start menu.

Technical Support

You can contact the Hummingbird Technical Support department Monday to Friday between 8:00 a.m. and 8:00 p.m. Eastern Time.

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Item Properties Dialog Box

In the Item Properties dialog box, you must specify where the source files for the installation are located, where the packages will be installed, and whether or not to replace the file at the time of installation. To access the dialog box, click Item Properties on the Item menu; or double-click an item in the main area of the Deployment Packager window.

Location Options

Source File—Specifies the path and name of the file that will be deployed. Refer to the following list of replacers that you can use to specify the path. **9**

Destination—Specifies the location where the file will be installed on the remote desktop. Refer to the following list of replacers that you can use to specify the path. **9**

Installation Options

Replace this File—Specifies how the deployed file will replace an existing file (if any) at installation time on the remote machine.

Always—Always replaces the existing file when the deployed file is installed.

When Version is Newer—Only replaces the existing file when the version of the deployed file is more recent.

When Version or Date is Newer—Only replaces the existing file when the version or the date of the deployed file is more recent.

When Date/Time is Newer—Only replaces the existing file when the date/time of the deployed file is more recent.

Never—Never replaces the existing file when the deployed file is installed.

Register this Item—Specifies whether or not to register the package item at installation time.

Related Topics

<u>Creating Package Assemblies</u> <u>Modifying Package Assemblies</u>