Application Packaging Course Content

Overview Of Application Packaging Online Training

Explanation of Application Packaging / repackaging

- History of Windows Installer Technology.
- Why repackaging is required?
- What are the Problems in legacy installations?
- Major Benefits of windows installer?
- Differences between Legacy Applications (.EXE's) & Windows installer Applications (.MSI's)?

Basic Knowledge of Windows Operating system?

- About Registry.
- About Services.
- About ODBC.
- About Directory Structure.

Application Packaging Minimum Hardware & Software Requirements.

- VMWARE WorkStation 7.0/8.0.
- XP Operating System SP2.
- Install-Shield Admin Studio 2008 to 2012.
- Pre Installation Steps.
- Post Installation Steps.
- User Test Environment.

Client Application Pre-Validation Analysis.

- Commanding on Legacy Applications Installation Process.
- Technical Analysis of a Client Source.
- Functionality Check & Source Behavior.

- Review of PRF (or) APRF & Installation Instruction Forms.
- Technical Review of a Legacy / MSI Application Discovery.

Admin Studio Tools.

- Re-Packager.
- Tuner.
- Editor.

Re-Packaging Tools.

- Install-Shield 2008 to 2012.

Installation Designer Tab: Functionality of the Project.

- Installation Information.

* General Information.

* Project Properties.

* Summary Information Stream.

* Add or Remove Programs.

* Product Properties.

- Organization.

* Setup Design.

* Features.

* Components.

- Application Data.

* Files & Folders.

* Redistributables.

* Merge Modules.

* Install-Shield Objects.

* Setup Prerequisite.

- System Configuration.

* Shortcuts.

* Registry.

* ODBC Resources.

* INI Files.

* CAB Files.

* Environment Variables.

- Behavior and Logic.

* Custom Action and Sequences.

* System Search.

* Property Manager.

- User Interface.

* Working with Dialogs.

- Media.

* Path Variables.

* Upgrades.

1. Small Upgrades.
2. Minor Upgrades.

C Major Upgrades.

- Releases.
- Patch Design.

Working With MSI Tables:

- File.
- Component.
- Feature.
- Directory.
- Media
- Property.
- Shortcuts.
- Upgrade.
- Service.
- Feature Components.

Working With Transforms (.MST).

- Introduction of Transforms.
- Working with Tuner.
- Working with Editor.
- Working with Response Transforms.
- How to install transforms along with MSI's.

Working with Application Installation User Interface Wizard Customizations.

- Introduction of UI Wizard Customizations.
- Working with Dialogs.
- Editing / Modifying UI Wizards.
- Customizing UI Wizards.

Working with Active Setup.

- Introduction of Active Setup.
- What is Active Setup?
- Creating Active Setup using with Template.
- Working with Stub path.
- Working with Manual Active Setup.

Working with Install-shield Silent Setup or Response File Creation.

- Introduction of .ISS / Response file.
- Creation of Install-shield Silent Setup (.ISS).
- Creation of .Log files for (.ISS).

Working With Custom Actions and Sequences.

- Introduction of Custom Action and Sequences.
- What is Custom Action?
- User Interface.
- Deferred Execution in System Context.
- Immediate Execution.

Working with Add-Ins.

- Introduction of Add-Ins.
- Purpose of Add-Ins?
- Working with COM-Add-Ins.
- Working with EXCEL-Add-Ins.

Working with Customization Products.

- Introduction of Customization.
- Working with Microsoft Office 2003 Customizations.
- Working with Adobe Application Customizations.
- Working with Nero Application Customizations.

Installation Process of Packaged Application.

- Command Line Installations.
- MSIEXEC Switches.
- Transforms Installations.
- Patch File Installations.

Working with MSI Features.

- Working with Self-Healing.
- Working with Self-Repair.
- Working with ROLL-BACK.
- Installation on-Demand.

Working with in initial Level of Troubleshooting.

- How Doe's Self-Healing Mechanization will work?
- Discovery of Self-Healing Component.
- Salvation of Self-Healing mechanization.
- How we will Difference ate Features & Components.
- Working with Features.
- Working with Components.

Working With Merge Modules.

- Introduction of Merge Module.
- Advantages of Merge Modules.
- Creation of Merge Modules.

Working With ODBC Data Source Administrator.

- Introduction of ODBC.
- Working with ODBC Applications.

Testing of Packaged Application.

- Application Functionality Checking.
- Application Behavior in Admin & User.
- Functionality Checking for Source & Packaged Applications.

Working with Vendor Application Tasks.

- Working With Build Release Wizards.
- Working With Compile.
- Working with Build.
- Adding New Language Wizard.
- Working with MSI Command Line Builder.
- Standard Dialogs.
- Skinned Dialogs.
- Redistributable Downloader.
- Prerequisite Editor.

Working with Property Manager.

- Working with ALLUSERS Property.
- Working with ROOTDRIVE.
- Working with INSTALLLEVEL.
- Working with REBOOT.
- Working with ARP SYSTEM COMPONRNTS.
- Working with Accept License Agreement.
- Working with EULA Accept.

Working with Troubleshooting Tools.

- Few ICE Errors Salvation.
- Working with Orca for Validation.
- Working with Filemon.
- Working with Regmon.
- Working with Process Monitor.

Overview of Wise Script & VB Scripting.

Working with Complex Applications.

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