

# Repackaging and Application Migration Using AdminStudio

## Overview

The AdminStudio course will teach you to use AdminStudio to repackage traditional setups into Windows Installer packages and customize those packages to meet specific needs.

In this course, you will also gain experience in creating transforms for existing third-party MSI packages and identifying and resolving conflicts between packages before deploying your applications.

## Objectives

In this class you will learn:

- How to prepare your development systems, test systems and documentation for the application-migration process
- How to use AdminStudio's **Repackager** to convert traditional setups to Windows Installer setups
- How to enhance and customize repackaged setups and to correct validation errors
- How to use AdminStudio's **ConflictSolver** to identify and resolve potential conflicts between Windows Installer setups before deployment into your desktop environment
- How to use AdminStudio's **Tuner** to customize the installation of existing Windows Installer setups—such as third-party installations—to meet your company-specific requirements
- How to use AdminStudio's Process **Workflow** tool to create workflows to track and manage any pre-deployment process

## Course Prerequisites

Previous AdminStudio experience is not required; however, you should be comfortable with the following:

- Using Windows Explorer and the command prompt to create and manage files and run executables
- Basic Windows terminology (e.g. DLL, Control Panel, etc.)

## Course Delivery

The following course sections and topics will be covered in the class. If you have a specific area that you think might need extra attention, mention it to your instructor on the first day of class.

## Introduction and Overview

- Windows Installer Background
- Features and Benefits of Windows Installer
- Format of a Windows Installer Installation
- Windows Installer Concepts and Terminology
- AdminStudio Tools
- Overview of the Application Migration Process
- Process Assistant

## Best Practices

### Microsoft Windows Installer

### Preparing for Application Migration

- Creating the Storage Structure
- Defining Your Standard Images
- Project Documentation
- Copying Repackager to a Network Drive
- Global Exclusion Lists

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## **Preparing Workflow Templates and Projects**

### **Building Releases**

#### **Repackaging**

- Repackager Best Practices
- Using the Repackager IDE
- Repackager IDE Tools Menu
- Using Installation Monitoring to Repackage an Application
- Repackager Output
- Reviewing the Repackaged Data
- Running Repackager In Snapshot Mode
- Repackaging InstallScript MSI Installations
- Converting a Windows Installer Package to a Citrix Profile
- Building a Virtualized Thinstall Application Package

#### **Testing the Repacked Install**

- Running MSI Installations
- Testing Guidelines
- QualityMonitor
- Predeployment Test

#### **InstallShield Editor**

- Overview
- Setting Editor Options
- General Information
- Working with Application Data
- Path Variables
- Shortcuts
- Registry Data
- INI Files
- Environment Variables
- Per-Application Paths
- Conditions
- Building Releases
- Validating the MSI Package
- Creating Templates
- Building a Citrix Profile

#### **Advanced Editor Topics**

- Searching for Files
- Direct Editor
- Handling Locked-Down Environments

#### **Custom Actions**

- Windows Installer Sequences
- Custom Action Scheduling Options
- The Custom Actions View
- Common Custom Action Types

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## **Custom Actions, Sequences**

### **Tuning an MSI Package**

- Overview
- Introduction to Installshield Tuner
- Creating a Response Transform
- Editing the Transform Using Tuner
- Applying a Transform

### **Application Management and Conflict Solving**

- Application Catalog
- Importing Merge Modules
- Working with Groups
- Creating and Importing OS Snapshots
- Identifying Conflicts and Importing MSI Databases
- Defining Custom Ace Rules
- Sharing Application Catalog Data
- Command-Line Options
- Managing System Patches

### **Testing and Best Practices Application Isolation**

- Application Isolation Techniques
- Using the Application Isolation Wizard

### **Distribution Wizard**

- Marimba
- Tivoli
- Altiris
- ManageSoft
- ZENworks
- SMS

### **Upgrades**

- Preparation
- Defining the Upgrade Properties

### **Additional Topics: Workflow Manager, Report Center, Job Manager**

- Companies, Users and Roles
- Submitting Applications
- Assigning Users to Applications
- Navigating the Workflow

### **Software Repository**

- Enabling
- Importing Packages
- Checking Packages In and Out

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## Using PackageExpert to Identify and Resolve Package Errors

- Available Tests
- Testing Packages and Viewing Results
- Viewing and Managing Test Results
- Resolving Errors

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