

AdminStudio Training

(4 Day Course)



Course Overview

The **AdminStudio – Application Repackaging & Migration Workshop** training course will teach you to use **AdminStudio 2016** 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 the Windows OS supports and interacts with Windows Installer (.msi) packages.
- How to prepare your development & test/clean systems and documentation for the application repackaging and migration process
- How to use AdminStudio's **Repackager** to convert traditional setups to Windows Installer (.msi) format.
- How to enhance and customize repackaged setups and to correct validation errors
- How to use AdminStudio's **Application Catalogue** and **TestCenter** to identify and resolve potential conflicts between packages and OS SOE's 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 Application Virtualisation features to simply convert a suitable .msi directly to an App-V package.

Course Prerequisites

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

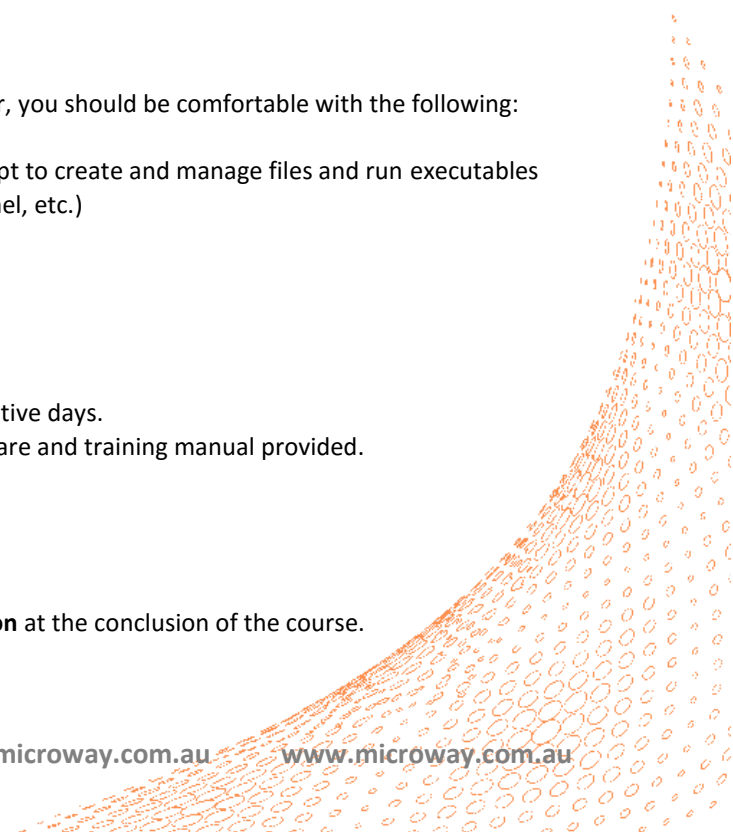
- Using Windows Explorer and the command prompt to create and manage files and run executables
- Basic Windows terminology (e.g. DLL, Control Panel, etc.)

Course Duration & Delivery

- **4 Days.** This course is delivered over 4 consecutive days.
- **Instructor-lead** practical training with PC's, software and training manual provided.

Award on Completion

Each attendee receives a **Certificate of Completion** at the conclusion of the course.



Introduction and Overview

- Windows Installer Background
- Features and Benefits of Windows Installer
- Format of a Windows Installer Installation
- Windows Installer Concepts and Terminology
- Windows OS Services and Features that support and control Windows Installer technology
- How Self Repair works (What triggers/controls it and the Registry and File system artefacts involved).
- Advertising and Elevated Privileges
- AdminStudio Tools
- Overview of the Application Migration Process
- Identifying Vendors Supplied Package types and their true format (Setup.exe wrappers on .msi)

Microsoft Windows Installer - Best Practices

- Understanding Windows Installer Best Practices
- How Best Practices are enforced by AdminStudio tools

Preparing for Application Migration

- Creating the Storage Structure
- Defining Your Standard Images
- Project Documentation
- Copying Repackager to a Network Drive
- Global Exclusion Lists
- Determining if an installation needs to be Repackaged or if it's contents include an .msi(s) which can be used.
- Preparing Workflow Templates and Projects

“Thanks to MicroWay for the packaging training course. I've informed management how useful it was for our group, and how it would benefit other staff to also attend one of your courses. Please keep us informed of future course dates!”

Benson Ching
Client Image Services
IBM Australia

Building Releases

- Understanding Release Build option and types
- How to build compressed or uncompressed .msi files
- How to ensure a “Setup.exe” wrapper is not produced

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
- Introduction to the AdminStudio Virtualisation Pack
- Converting a Windows Installer Package to Microsoft App-V

Testing the Repacked Install

- Running MSI Installations
- Testing Guidelines

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



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ON-SITE
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1300 553 313

Advanced Editor Topics

- Searching for Files
- Direct Editor
- Handling Locked-Down Environments
- Suppressing and/or dealing with application behaviour (suppress license agreement, unwanted dialogs, compatibility warnings etc)
- Pre-populating User Profile data (File System and Registry) for User accounts created Post Installation/Deployment.

Application Management and Conflict Solving

- Application Catalogue
- Importing Merge Modules
- Working with Groups
- Creating and Importing OS Snapshots
- Identifying Conflicts and Importing MSI Databases
- Defining Custom Ace Rules
- Sharing Application Catalogue Data
- Command-Line Options
- Introduction to the Application Compatibility Pack (Automatically assesses an application's compatibility with Windows 7/8.x/10 and Server 2008-2012R2) and see reports on any issues which will cause an application to fail on the new Operating systems.

Testing and Best Practices Application Isolation

- Application Isolation Techniques
- Using the Application Isolation Wizard

Custom Actions

- Windows Installer Sequences
- Where and when to insert Custom Actions
- Custom Action Scheduling Options
- The Custom Actions View
- Common Custom Action Types - Set Properties, Launch Executable, Run VBScript.
- Conditioning Custom Actions to control when they run.

Tuning an MSI Package

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

Upgrades

- Understanding the factors required for an Upgrade to work properly
- GUID's and Version Number settings
- Defining the Upgrade Properties
- Controlling Upgrade behaviours (Upgrade to uninstall the old version or leave it in place)

For further details, locations and dates - please contact MicroWay

Terms & Conditions apply. For full details visit <http://www.microway.com.au/training/adminstudio-training.php>

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