

Fundamentals of Windows Installer

COURSE DESCRIPTION

This class is designed for application developers, application installation engineers as well as application repackagers who are responsible for creating Windows Installer installations regardless of the development tool of choice. This class gives an in depth overview of Microsoft® Windows® Installer technology. You will not only learn what Windows Installer is all about and but also use ORCA to practice your new skills by building setups.

Duration

1 day

Delivery Method

Instructor lecture and demonstration, followed by student practice through hands-on exercise.

Course Objectives

- Understand the fundamentals of Microsoft® Windows® Installer technology.
- Build installer packages by using ORCA.

COURSE OUTLINE

Introduction to Windows Installer

- What is Windows Installer?
- What is different in Windows Installer?
- Advantages of Windows Installer
- Logo Certification

Installation Mechanism and Package

- Windows Installer Package
- General Installation Authoring Process
- Windows Installer File Extensions
- Installation Mechanism
- MSI Execution
- Components and Features
- How does Self-Repair work?

Installation Modes and MSIEXEC

- Installation Modes
- Command Line Options
- Windows Installer Logging
- Per-User versus Per-Machine installation

Identifying Products, Upgrades, Packages and Components

- What is a GUID?
- Windows Installer GUIDs

Properties

- Types of Properties
- Formatted Data Type
- Property Reference

Windows Installer Database

- Installer Database Tables

Windows Installer Actions

- How are actions executed?
- Standard Actions Reference
- Custom Actions
- System Reboots

Windows Installer User Interface

- User Interface Schema
- Dialogs
- Controls and Control Events

Patching and Upgrades

- Small Updates
- Minor Upgrades
- Major Upgrades
- Patching

Transforms and Merge Modules

- Transforms
- Merge Modules

Assemblies

Windows Installer Development Utilities

Setup Authoring Exercises with ORCA (3 Exercises)