



Wise Installation Studio

COURSE DESCRIPTION

The Symantec Wise Installation Studio course is designed for the application developer or professional tasked with creating solid, error-free installations. This 3-day, instructor-led, hands-on class covers how to use the features, functions, and tools in Wise Installation Studio to efficiently create Windows Installer packages and script installations, and migrate script installations. Students will also learn Microsoft® Windows® Installer technology.

Delivery Method

Instructor-led

Duration

3 days

Course Objectives

By the end of this course, you should be able to

- Build a Windows Installer installation from scratch.
- Create a complete multiple release Wise project file.
- Enhance the installation by customizing dialogs, arranging features, adding and editing tables, adding and editing components, and adding custom actions.
- Develop and apply a transform.
- Develop a patch and an upgrade to maintain an installation.
- Check the installation for Windows logo compliancy.
- Understand Windows Installer uses in the Microsoft Windows Vista environment.
- Use WiseScript technology to create easy-to-use installations.
- Understand Software Virtualization Solution.

Who Should Attend

This course is for application developers and anyone responsible for creating installations for internally developed applications.

Prerequisites

You should have an understanding and working knowledge of software installations and what they accomplish, the Windows registry, Windows file permissions, and (optional, but recommended) programming control structures.

Hands-On

This course includes practical exercises that enable you to test your new skills and begin to transfer them into your working environment.

COURSE OUTLINE

Introduction

- Class logistics and objectives

Windows Installer Review

- About Windows Installer
- Advantages of Windows Installer
- About logo certification
- About the Windows Installer service
- About the Windows Installer relational database
- About Windows Installer functionality
- Obtaining Windows Installer

Wise for Windows Installer Overview

- Look at an existing .MSI file
- Interface overview

Building a Complete Project with Installation Expert

- Before you start a project
- Create a new installation
- Build your installation
- Set system information
- Customize the installation for users
- Define releases
- Compile and test your installation project
- Distribute your installation

MSI Script

- About MSI Script
- Adding and editing actions
- Guidelines for using custom actions

Setup Editor

- Setup Editor overview

About .NET Framework

- .NET overview
- Using the Visual Studio Integrated Editor
- Creating installations for .NET

Merge Modules and Transforms

- Merge module overview
- Transform overview

Patches and Upgrades

- Updating installations
- Preparing to patch and upgrade
- Applying a patch
- Adding an upgrade



Component Rules

- About component rules
- Selecting a component rule set
- Customizing component rules
- Using component rules to align GUIDs in an upgrade

Software Manager

- Introduction to Software Manager
- Introduction to the Software Manager database
- Using the Software Manager database Share Point
- Using Software Manager
- Importing packages
- Grouping packages

Tools

- Tools overview
- ApplicationWatch
- Package Distribution
- MSI to WSI Conversion Wizard
- Package Validation
- Visual MSIDiff

Validating Packages

- Package validation

Advanced Dialogs

- Dialog control properties

Debugger

- Debugger for Windows Installer overview

WiseScript Package Editor

- Script Editor overview
- Standard script actions
- Using expressions to evaluate actions
- Using the Debugger
- Designing a script

Wizard Loops

- Wizard loop overview

Custom Dialogs

- Custom Dialog Editor overview
- Working with the Custom Dialog Editor

Uninstalling an Application

- Uninstall support overview
- Customizing the uninstall

WiseUpdate Client

- WiseUpdate Client process
- Using WiseUpdate
- Tips and troubleshooting

Virtual Package Editor

- Understanding Software Virtualization Solution
- Creating SVS layers

- Understanding layer exclusions
- Understanding data layers

Resources

- Resources
- Other Altiris courses and services