



MS6462– Visual Studio 2008: Windows Workflow Foundation

Objectif	After completing this course, students will be able to: explain Windows Workflow Foundation concepts and features, create sequential workflows, create state machine workflows, modify workflows at run time, implement conditional branching in a workflow, define and execute rule sets, forward chain rules, change rules at run time, call methods on the host process, handle events from the host process, consume services from a workflow, publish a workflow as a service, create a custom activity, create a custom composite activity, define custom activity layout, customize activity serialization, create a custom runtime service, hydrate and dehydrate workflows, monitor workflows, track workflows, handle faults in a workflow, handle cancellations in a workflow, create and manage transactions in a workflow, create and handle compensations.
Pré requis	Before attending this course, students should have intermediate experience developing applications by using previous versions of Microsoft Visual Studio at level 200.
Durée	2 jours

Contenu

Module 1: Creating and Hosting Workflows

- Overview of Windows Workflow Foundation
- Creating Sequential Workflows
- Creating State Machine Workflows
- Modifying Workflows at Runtime

Module 2: Applying Conditions and Rules

- Implementing Flow Control
- Defining and Executing Rule Sets
- Forward Chaining of Rules
- Changing Rules at Run Time

Module 3: Communicating with Workflows

- Calling Methods on the Host Process
- Handling Events from the Host Process
- Consuming Services from a Workflow
- Publishing a Workflow as a Service

Module 4: Creating and Configuring Custom Activities

- Creating Custom Activities
- Creating Custom Composite Activities
- Customizing Activity Serialization
- Defining Custom Activity Layout

Module 5: Creating and Managing Runtime Services

- Creating a Custom Runtime Service
- Hydrating and Dehydrating Workflows
- Monitoring Workflows
- Tracking Workflows

Module 6: Track workflows.

- Handling Faults
- Handling Cancellations
- Creating and Managing Transactions
- Creating and Handling Compensations