

Plan de formation

Development III in Microsoft Dynamics AX

Objectif

This three-day instructor-led course puts the techniques learnt in Development I in Microsoft Dynamics AX and Development II in Microsoft Dynamics AX courses into practice directly in the application. It also introduces more advanced features of X++ and MorphX, and encourages the use of the Testing Framework to build for more reliable coding.

Durée

3 jours (21 heures)

Prérequis

Before attending this course, students must have:

- Working experience with Microsoft Dynamics AX and knowledge of Microsoft Dynamics AX development environment.
- Completed Course, Development I in Microsoft Dynamics AX.
- Completed Course, Development II in Microsoft Dynamics AX.

Profil du stagiaire

The intended audience is experienced systems consultants typically working for a Microsoft Dynamics partner that is selling, consulting, implementing, and supporting Microsoft Dynamics AX.

Plan de formation

Module 1: X++ Unit Test Framework

- Introduction
- Creating Test Cases
- Adding Methods to Test Cases
- Running Test Cases
- Build Test Projects and Suites

Module 2: Working with Data

- Introduction
- While Select
- Query
- Caching
- Locking
- Temporary Tables
- InitFrom
- ParmTables
- Date Effectiveness
- Computed Columns in Views
- Data Integration

Module 3: Classes

- Introduction
- Collection Classes
- Application Object Classes
- Application Substituted Kernel Classes
- RunBase Framework
- Args Object

Module 4: Forms

- Introduction
- Architecture
- Data Sources
- Form Controls
- Form Methods
- Placement of Code
- Additional Controls

Module 5: Visual Studio Integration

- Introduction
- Application Explorer
- Visual Studio Projects
- Managed Code Projects
- Deploying Managed Code
- Visual Studio Debugging Experience for X++

Module 6: Workflow

- Workflow Configuration
- Create a Workflow Category
- Create a Query
- Create a Workflow Type
- Enable Workflow on a Form
- Create a Workflow Approval
- Create Event Handlers
- Author a Workflow