

Plan de formation

Development IV in Microsoft Dynamics AX

Objectif

This four-day instructor-led course dives deeper into the programming architecture of Microsoft Dynamics AX. It provides students with a case study/hands-on approach to customizing the system. This course contains coding.

Durée

4 jours (28 heures)

Prérequis

Before attending this course, students must have:

- Knowledge of Microsoft Dynamics AX
- Attended course: Development I in Microsoft Dynamics AX
- Attended course: Development II in Microsoft Dynamics AX
- Attended course: Development III 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: Number Sequences

- Introduction
- Set Up and Administration
- Extensibility Scenarios
- Using Number Sequences in Forms

Module 2: Framework Features

- Introduction
- Event Handlers for Customization
- Integration with Microsoft Dynamics AX
- Interop to X++
- Interop from X++
- Deploy .NET Assemblies for Interop

Module 3: Application Foundation Features

- Introduction
- Global Address Book
- Extensible Data Security Policy Framework
- Financial Dimension Framework
- Organization Model Framework
- Case Management Framework
- Policy Framework

Module 4: Use and Design of the Ledger Module

- Introduction
- General Ledger Overview
- Chart of Accounts
- Journals and Transactions
- Budgeting Overview
- Fixed Asset Overview

Module 5: Use and Design of the Product Information Management Module

- Introduction
- Products
- Inventory Dimensions
- Managing Inventory Policies

Module 6: Use and Design of the Inventory and Warehouse Management Module

- Introduction
- Reservations and Marking
- Inquiries and Transactions
- Inventory Journals
- Quarantine and Quality Management
- Other Functionality

Module 7: Use and Design of the Accounts Receivable and Accounts Payable

- Introduction
- Customers
- Vendors
- Free Text Invoices
- Vendor Invoices
- Payments
- Collection and Interest
- Bills of Exchange
- Promissory Notes

Module 8: Use and Design of the Sales and Purchase Module

- Introduction
- Sales and Purchase Orders
- Agreements
- Charges
- FormLetter Framework
- Other Features

Module 9: Use and Design of the Project Management and Accounting Module

- Introduction
- Projects
- Work Breakdown Structure
- Journals and Transactions
- Budgets and Forecasting
- Project Contracts
- Invoicing
- Estimates and Revenue Recognition
- Project Management and Accounting Add-In

Module 10: Use and Design of the Production Control Module

- Introduction
- Bill of Materials
- Routes
- Production Orders
- Scheduling
- Planned Production Orders
- LEAN Manufacturing
- Process Industries

Module 11: Workflow

- Introduction
- Line-Item Workflows
- Workflow Providers
- Work Item Queues
- Currency in the Condition Editor
- Hierarchy Type Fields in the Condition Editor

Module 12: Reporting

- Introduction
- Reporting Features Overview
- Report Data Overview
- Creating Basic Reports from a Query
- Create a Precision Design Report from a Report Data Provider
- Manage Report Execution by Using X++
- Business Logic in Report Data Methods
- Print Management