

MICROSOFT DYNAMICS AX COURSE CONTENT

Architecture

- ✚ Introduction to Microsoft Dynamics AX Development
- ✚ Features of Microsoft Dynamics AX
- ✚ Elements of Microsoft Dynamics AX Development
- ✚ Microsoft Dynamics AX Object Server
- ✚ Application Object Tree
- ✚ IntelliMorph
- ✚ MorphX
- ✚ Inheritance
- ✚ X++
- ✚ Microsoft Dynamics AX Application Essentials
- ✚ Microsoft Dynamics AX Layered Architecture
- ✚ Models and Model management
- ✚ Tools for Customization
- ✚ Security
- ✚ Inquiry and Reports
- ✚ Conclusion

Data Components

- ✚ Introduction to Microsoft Dynamics AX Data Dictionary
- ✚ MorphX and the Application Object Tree
- ✚ Features of the AOT
- ✚ Objects in the Data Dictionary
- ✚ Tables
- ✚ Maps
- ✚ Views
- ✚ Extended Data Types
- ✚ Base Enums
- ✚ Security (Roles,Duties,policies)

- ✚ Microsoft Dynamics AX Table Structure and Components
- ✚ Procedure: Creating a Table in Microsoft Dynamics AX
- ✚ Relations
- ✚ Data Types .Primitive and Extended
- ✚ Indexes

User Interfaces

- ✚ Projects
- ✚ Forms
- ✚ Elements that Compose a Form
- ✚ Form Designs
- ✚ Forms and Their Data Sources
- ✚ Forms and Their Methods
- ✚ Menu Items in MorphX
- ✚ Microsoft Dynamics AX Non-graphical Objects
- ✚ Macros
- ✚ Jobs
- ✚ Queries
- ✚ SSRS Reports (AX + SSRS integration Brief description)
- ✚ Working with Report Design

Programming

- ✚ Development environment
- ✚ Introduction to X++
- ✚ What is X++
- ✚ New programming features in AX 2012.
- ✚ Object Oriented Programming features
- ✚ How OOPS concept used in AX.
- ✚ Development Tools
- ✚ Best Practices
- ✚ Objects and Classes
- ✚ Introduction to objects
- ✚ Methods

- ✚ Variables and classes
- ✚ X++ Control Statements
- ✚ Accessing the Database
- ✚ Searching for records
- ✚ Data manipulation
- ✚ Queries using X++ Language
- ✚ Development Environment and Tools
- ✚ Training Objectives
- ✚ Introduction
- ✚ Development Environment Application
- ✚ AOS Setup
- ✚ Cross-References
- ✚ Performance/Monitoring
- ✚ Debugger
- ✚ System Monitoring/ tracing
- ✚ Query
- ✚ While Select
- ✚ Temporary Tables
- ✚ Abstract Classes
- ✚ Delegates
- ✚ Variables
- ✚ Collections and X++ Foundation Classes
- ✚ X++ Access Modifiers and Code Visibility
- ✚ Exceptions in X++
- ✚ Database Interactions in X++
- ✚ Types of Classes
- ✚ Run Base Framework
- ✚ Args-Object
- ✚ Number sequences

Advanced Topics (brief descriptions)

- ✚ Work flow
- ✚ EP (Ax web application)

 Upgrade from Lower version

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