



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

User Interfaces

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

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

Programming

- 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

- Work flow
- EP (Ax web application)
- Upgrade from Lower version

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
- Introduction Training Objectives
- Development Environment Application
- AOS Setup
- Cross-References
- Performance/Monitoring
- Debugger
- System Monitoring/ tracing
- Query
- While Select
- Temporary Tables
- Abstract Classes