



We are using IBM's Latest Server  
IBM i (AS/400) V7R1

PMS Information Systems

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## VISUAL LANSA

### Repository & Integrated Development Environment

Start the LANSA Development Environment  
Using the LANSA Documentation

### Working with the Visual LANSA IDE

Introducing the Integrated Development Environment  
Tab Style and Positioning  
Turn Tab Autohide On/Off  
Undocking Tab Windows  
Docking Tab Windows  
Editor Options  
Repository Find

### The Repository Tab

Alphabetical Grouping On/Off  
Arranging Columns  
Filtering Content Type  
Local and Master Details  
Impacts and Dependencies

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### Working with the Repository

Create Fields  
Add a Field Level Validation Rule  
Add Help Text for a Field  
Creating a New File  
Setting the Primary Key  
Add 4 Validation Rules to the iiiARTISD file  
Viewing the Validation Rules  
Create a Logical View  
Create Access Routes  
Create a Pre-Determined Join Field (PJF)  
Create a Virtual Field  
Compiling the Files



## Create a LANSAs RDML Process / Function Application

- Create a Process
- Create a Function Using a Template
- Compile and Execute the Function
- Repository Lists

### Additional Exercises and Notes

- Working with the Database Diagram
- Check Visual LANSAs Version and EPC Level
- Review Partition Definition
- The Active Repository Role at Run Time

### Format Source Code

- Create a Copy of Form VL\_DEM1
- Create a Process and a Function
- Turn on Autohide
- Change Formatting Options
- Editor Source Settings
- Display Error Log
- Display Feature Help Text

### Edit Source Code

- Cursor Position
- Position the Current Line
- Comment Lines
- Copy and Paste
- Find Text
- Use the Toolbar Find Field
- Use the Find Dialog
- Find and Replace
- Search Text in Several Objects

### Auto Complete and Command Assistant

- Display the Command Assistant
- Use the Command Assistant
- Use Auto Complete Prompter
- Use the Online Help Command



## Execute Applications

- Determine Compile Status
- Execute a Process
- Review the Personnel System Application
- Execute the Application from the Execution History List
- Execute the Application from the Program Folder
- Execute a Form

## Introduction to Object Oriented Lab

- Start the LANSAs Development Environment

## Working with Basic Controls in Visual LANSAs Forms

- Example of using a push button
- Example of using the buttonstate property of a check box
- Example of using an Edit box
- Example of using the Buttonchecked property
- Example of using a Static Component
- Example of using a Track bar
- Example of using a Progress bar
- Example of using Tab Folders and Tab Sheets
- Create a Rich-Client Application
- Inheriting Ancestor Forms
- Screen Paint the Application
- Create Event Code for the Find Button
- Add Error Highlighting for Artist ID
- Create an Artist Business Object
- Add Save Logic to Business Object
- Create Save Button Click Event, Invoke Business Object
- Modifying the Ancestor Form
- Intrinsic Functions
- Enable Save/Delete Menu Bar Options
- Synchronize Push Buttons and Menu Options
- Complete the Delete Button

