

## **Fundamentals of IBM Lotus Domino 8 Application Development**

### **COURSE CODE: LNDDBNA8**

Course Duration: 4 days

#### **Summary description:**

The course provides the information that developers need to know to successfully create and modify database applications in IBM Lotus Domino Designer 8. It provides an overview of the Lotus Domino 8 and Domino Designer 8 environments, introduces the elements and skills that are used in creating single-database Domino applications, describes how the formula language can be used to enhance the functionality of a Domino application, and explains how Domino applications can be secured

#### **Audience:**

The target audience for this course is application developers who are new to developing Domino applications and who need to acquire the fundamental skills to develop and modify single database applications in IBM Domino Designer 8.

#### **Pre-requisites:**

The prerequisites for this course include :

- Experience using the Lotus Notes client, Web browser or both to access applications.
- (Recommended) Experience developing one or more applications using other application development tools.

#### **Topics covered:**

This course covers the following topics:

##### **Exploring Applications in Lotus Domino 8**

- Identifying Application Types and Data Sources
- Examining the Lotus Domino Architecture
- Examining Lotus Domino Application Components
- Investigating Replication and Application Design Considerations
- Extending Lotus Domino Collaboration Capabilities

##### **Exploring the Lotus Domino 8 Design Environment**

- Exploring the Lotus Domino Designer User Interface
- Accessing Design Elements

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## Creating Databases

- Creating a New, Blank Database in Lotus Domino Designer
- Creating a Copy of an Existing Database
- Creating a Database from a Template
- Organizing the Lotus Domino Designer Environment

## Creating Pages

- Exploring Page Content, Layout, and Navigation Basics
- Creating Pages
- Adding Text to Pages
- Using Tables to Lay Out Pages
- Adding Images to Pages

## Creating Forms

- Creating Forms
- Adding Fields to Forms
- Hiding Form Elements

## Creating Views

- Creating Views
- Adding View Columns
- Organizing Documents
- Formatting Views

## Introducing Formulas

- Identifying Programming Languages Supported by Lotus Domino
- Identifying Formula Components
- Identifying Event Triggers
- Working with @Functions
- Computing and Compare Values
- Exploring Formatting and Comments

## Using Formulas in Forms

- Creating Window Titles
- Working with Computed Values
- Working with Field Values
- Working with Lists
- Prompting Users
- Creating Reusable Code
- Implementing Error Checking

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## Using Formulas in Views

- Creating Selection Formulas
- Concatenating Values in a View Column
- Displaying Icons In A View

## Enhancing Forms

- Working with Layers
- Working with Subforms
- Creating Shared Fields
- Enabling Inheritance in Forms and Documents
- Creating Related Forms
- Enabling AutoSave
- Implementing Lotus Sametime Instant Messaging in Forms

## Enhancing Views

- Defining Hierarchical Views
- Displaying Response Data in Views
- Implementing Shared Columns
- Enabling Lotus Sametime Instant Messaging in Views
- Creating Views for the Web

## Working with Actions

- Creating Actions
- Creating Shared Actions
- Controlling the Display of Actions
- Creating Action Hotspots

## Working with Agents

- Investigating Agents
- Creating Agents

## Securing Applications

- Exploring Database Access
- Implementing Roles
- Using Readers and Authors Fields
- Controlling Access for Anonymous Users
- Deploying Applications

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