

## Developing Lotus Domino 7 Applications - Intermediate Skills

Course Code: LNDDFL7 Three days; Instructor-Led

### Overview

This course builds on the skills of Lotus Education's Developing IBM Lotus Domino 7 Applications: Foundation Skills ([N7D510](#)) course. Through instructor lecture and student-centered activities and exercises, students learn to use IBM Lotus Domino Designer 7 to develop multi-database applications.

The course explores advanced formula techniques including looping and user interaction with the application. The course explains different methods for accessing data sources outside the current Domino database including other Domino databases and relational databases. Other topics include adding workflow functionality to route documents and notify users that a document requires their attention, and security issues such as encrypting data. This course also examines navigation elements such as links, outlines, and framesets that bind the components of the application together and allow users to locate information quickly and easily.

### Audience

The target audience for this course is application developers who have experience creating or modifying single database applications with Lotus Domino Designer 6 or Domino Designer 7.

### Prerequisites

Students taking this course should have experience using the IBM Lotus Notes client to access applications and possess the equivalent knowledge, skills, and experience developing Lotus Domino 6 or Lotus Domino 7 applications. Students should have completed the Fundamentals of Lotus Domino 7 Application Development or Developing Lotus Domino 6/6.5 Applications: Foundation Skills course.

### Objectives

After completing this course, you should be able to use IBM Lotus Domino Designer 7 to develop multi-database applications.

You should be able to:

- use formula language to inspect and manipulate text and lists values. You will also use iterative statement functions.
- implement functions that interact with users through different types of dialog boxes using the @Prompt and @DialogBox functions.
- implement advanced view design features to enhance how Lotus Notes displays documents.

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- examine and use several IBM Lotus Domino design elements as navigation structures, including links and imagemaps.
- create and embed an outline.
- add a frameset to an application, add content to a frame, launch an application frameset, include elements in a frameset, add new frames, and specify a target frame for individual elements.
- use @DbColumn to access view column and document values in an IBM Lotus Domino database; use @PickList to allow a user to choose column values from a view; and use profile documents to store global data for an application.
- use the formula language to access data sources using the Microsoft Open Database Connectivity (ODBC) interface.
- examine Domino Enterprise Connection Services (DECS) and implement real-time data mapping between an IBM Lotus Domino application and a relational database.
- define workflow, notify users when they need to become aware of an action in the workflow, create a mail-in database document, route documents to application databases, and track documents through the workflow process.
- control who can edit sections of a document, attach a signature to an access-controlled section, and encrypt data and mail messages.