



XPages Technical Enablement

**4 Days Duration
(or 2 day cut down version available)**

Agenda

Produced by Intec Systems Limited

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1 Introduction to XPages

History

What is XPages?

Context of XPages within Domino HTTP server

Introduction to Domino Designer within context of Eclipse

2 Creating an XPage

Enabling the default error page

Static content

Custom Controls and XPages

Controlling Visibility

AJAX made easy

Simple Actions

3 Data on an XPage

Introduction to Domino application architecture

Creating a simple form

Basic validation

Action buttons

Creating a View

4 Styling and Layout

Creating a layout container

Adding stylesheets and images

Adding styling to elements

Themes

Editable Areas for reusability

Linking Pages

5 Multiple Data Sources

Adding multiple datasources to the same XPage

Different implementations

Managing editability

Using Repeat Controls to display data

“Joins” in Domino views

6 Troubleshooting XPages

Review of server processing and XPages lifecycle

Log files on server

Creating an Error Page

- XPages Log Reader
- XPages Debug Toolbar
- XPages OpenLog Logger
 - Installing Extension Libraries
 - Troubleshooting Extension Libraries
- Reading stack traces
- Server-Side JavaScript Debugger Overview

7 XPages Extension Library

- History
- The Extension Library Demo Database
- Application Layout control – quickly deploying a OneUI look and feel
 - Custom properties
 - Design Definitions
- Navigator
- Data Views
- Form Table
- Dialogs
- Pickers
- Dojo Form Controls
- Dump Object

8 Mobilizing the Application

- Extension Library Mobile Controls
- Displaying content on a mobile browser
- Overview of third-party controls for offline capabilities

9 Extended Datasources in XPages

- Data Contexts
- Java Managed Beans
- Data Objects
- RDBMS data in XPages

10 Performance Optimisation

- Compute on Page Load vs Compute Dynamically
- Adding a Phase Listener
- view.isrenderingPhase()
- Custom Language
- Themes
- Understanding Dynamic Content and Switch Controls
- Read Only Settings
- Partial Execution Mode

Xsp Properties – Persistence Settings

11 OpenNTF Essentials

Review of Projects Already Covered

XPT

POI4XPages

- Using Apache POI to export dynamic content to Excel

Bootstrap4XPages

OpenNTF Domino API

Workflow4XPages Overview

Social Business Toolkit

12 Social Business Toolkit

Integrating with Connections

Files controls for Dropbox, LotusLive, Connections

Facebook controls

The agenda is a four-day course.

Two-day course runs up to and including the first three bullet points of 7 – Extension Library. Other parts of the Extension Library may be covered at a high level, time permitting.