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THE VIEW

Lotus Notes and Domino 8 Development Seminar

What if staying current with evolving Lotus Notes and Domino technologies was just as easy as watching a video?

Multimedia training offers a solution to your need for just-in-time training to bring professionals up to speed on key Lotus Notes and Domino technologies and best practices. THE VIEW multimedia training enables you to learn new skills at your own pace, in a unique and flexible way, by watching a video.

Arm your team with essential Lotus Notes and Domino technologies at a very reasonable cost! And get the same high-quality learning experience as those who attended the live event, without disturbing the progress of your day-to-day projects.

Recorded at our live events, each course package includes:

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This multimedia training course will reduce your ND8 development learning curve with real-world practical advice.

Total training time: 12+ hours

Contents: 3 course books and 3 CDs, including valuable reference articles, worksheets, checklists, and other take-home resources distributed at the live event.

Price: \$995.00

Shorten your learning curve and:

- Raise the bar for your applications by leveraging the new look, feel, and functionality available in Notes and Domino 8
- Realize productivity gains by using new design options that significantly improve application performance
- Wrap your arms around the key differences in developing for the Eclipse-based client vs. the Basic client
- Implement plug-ins to provide your users with quick and easy access to a variety of tools, information, and applications
- Build composite applications that integrate processes quickly and efficiently by reusing and wiring together existing assets

- Create more powerful, efficient code using the formula language, LotusScript, and Java enhancements
- Leverage open source Web toolkits to ease the pain of developing applications for the Web
- Extend the usability of Domino applications by producing Web services that can be consumed by external applications
- Determine when, why, and how to enable DB2 as the back-end data store for optimum flexibility and data integration

Target Audience

Notes and Domino Developers
Information Analysts
Programmers
Programmer Analysts
Designers
IT Directors/Managers
Web Developers/Designers
System Developers
Application Developers
Architects
System Engineers
Consultants

Instructors



Paul Calhoun has been working with Lotus Notes and Domino for 15 years, and is IBM certified as an application developer, system administrator, and instructor through Lotus Notes and Domino 8. Paul is a highly rated speaker who provides customer-focused Notes/Domino, Java, and XML classroom instruction and consulting to Fortune 500 companies, as well as many SMBs. As the owner of NetNotes Solutions Unlimited, Paul provides Lotus Notes and Domino system implementation and programming/development. Paul builds Domino, Web, Java, and XML applications for his customers using Domino and WebSphere. He is currently focused on the integration of ND8 with J2EE systems using Portlet factory and Rational Application Developer. He co-authored the IBM Redbook "XML Powered by Domino," and has developed several online XML and Java programming courses.



Lance Spellman is President of Workflow Studios, a Premier IBM Business Partner based in Dallas and Houston, Texas that provides Development and Administration Consulting as well as certified training and Lotus licensing. Certified as an Application Developer and System Administrator from Lotus Notes and Domino release 4 on, Lance originally started developing applications in 1993. He has worked on projects ranging from large corporate applications to shrink-wrapped projects. His latest project is a product that provides extensive Web content management features including Web services, document manager, and RSS feeds. Lance currently serves as an IBM Design Partner for the next version of Lotus Notes and the next Domino Designer.

Sessions

Gearing up for your ND8 Development Projects

Get the 30,000 foot view of all that's new in Release 8 development and hit the ground running with the knowledge of what really matters, where it works, and when to implement. Learn the differences between the basic and Eclipse-based Notes 8 clients to gauge their impact on your applications, and determine when the new disk structure (ODS) is appropriate. See which ini parameters and design element changes will give you the most bang for the buck, and get key upgrade considerations to optimize your applications. Understand the quantum shift in thinking that composite applications introduce, what the new productivity tools bring to the table, and find out where you may need to sharpen your skills to take advantage of all that's new.

Key Programmability, Security, and Language Enhancements

Dive into the additions and improvements to the formula language, LotusScript, and Java to understand the impact they have on new and existing applications. Determine which changes in the formula language you'll want to implement, and learn how to expand the functionality of your applications with new LotusScript and Java methods. Get the lowdown on security changes through policies that can affect your applications and walk through agent settings necessary to execute LotusScript and Java code on the Domino server and Notes client. See how Agent profiling can help you locate performance bottlenecks in your agents and understand the impact of fully implementing a Java 1.5 runtime environment. Take home a database of all the language changes with detailed examples of each one in action.

How'd They Do That? – Deconstructing ND8 Templates to Uncover Design Secrets

Peer into the actual implementation of ND8 design techniques through deconstruction of the Mail and Personal Address Book templates. Gain a deeper understanding of the best ways to implement new functionality like type-ahead fields, inline spell check, split-action buttons, business card views, view column options, and much more. Find out which features you can use with mixed client versions, which ones require ND8, and which features require code to implement. Leave this session with the skills to add the best of the new features to your applications.

Improving the Experience of your Web Applications using Open Source Web Toolkits for Domino

This session dives into two open source toolkits built specifically for Domino to provide best in class design elements for Web applications. See how easily you can take advantage of all the new functionality including layouts, name pickers, calendar controls, views, outlines, and navigators. Develop a solid understanding of the numerous tools available within each of these toolkits, and watch as a complex Web application is built from scratch — once with EXT.ND and once with Domino — to produce high quality, impressive Web applications quickly and easily. And best of all, these tools provide you with the design consistency you've been looking for within and among all of your Web applications.

An Eclipse Primer for Notes and Domino Developers

Eclipse has become the foundation for Lotus Notes and Domino 8 as well as Rational, Portlet Factory, and Expeditor, giving developers the capability to reuse existing assets and build applications to integrate processes more quickly and efficiently. In this session you get step-by-step instructions on how to install, configure, and update the Eclipse platform. Learn to navigate the development environment using perspectives, views, and editors and gain new techniques for developing, deploying, and debugging Java agents that run in Domino.

Powering up the New Notes Client using Lotus Expeditor

Lotus Expeditor is the IBM standard for new thick client deployment, and Lotus Notes is the first example of it. Dive into the new capabilities provided in the Lotus Expeditor client, which include offline capabilities, a J2EE server, and a database. See how you can develop stand-alone applications for the Expeditor client, Sametime, and Lotus Notes, and how those applications can be centrally deployed and managed. Rapidly build and deploy applications (i.e., composite applications) to managed clients on many different devices, including mobile.

Sessions (continued)

Building Plug-ins for the Notes Client Sidebar

Provide quick and easy access to a variety of tools, information, and applications (like Sametime, RSS Feeds, Activities, and lots more) in the sidebar through ready-built or custom-built plug-ins. Learn just what makes a good plug-in and get a firsthand look at how to create your own plug-ins for the client sidebar including integration with other content showing in the Notes client with built-in menu items for user selection. Follow along as a plug-in is developed and distributed to the Notes client through a new Notes update site, and take home a fully functional plug-in that you can deploy and use right away.

Extending the User Experience with Composite Applications

Gain a solid understanding of the new tools and terminology that go along with composite applications. Learn to wire together new and old applications to create and expose new contextual relationships to your users. Starting with a new composite application that integrates a Notes view, a Notes form, a web page, and a custom plug-in, we'll break it all down to show how all the pieces fit together. See how to install and use the composite application editor and wiring tool in NDB and discover what "wiring", "namespaces", and the "Property Broker" are. You walk away with a sample application, including all the code and instructions to do it yourself.

Building Composite Applications using WebSphere Portlet Factory

Dive into a deeper understanding of composite application development to create cooperative portlets using WebSphere Portlet Factory. Uncover gotchas and best practices for installing and configuring Portlet Factory in order to develop target and source portlets. Learn the proper WSDL definitions so that your portlets can be wired together as a composite application. Discover how Portlet Factory enables you to easily create composite applications that integrate data from multiple back-end systems, such as PeopleSoft, SAP, and relational databases. Find out how to create your own builders and implement features (e.g., profiling) that take advantage of the advanced customization capabilities.

Producing Web Services in Domino 8

Arm yourself with the skills to build your own Web Services for Domino applications and publish modular applications for consumption from the Web. Using a NotesDirectory lookup as an example, learn how to easily create, test, and troubleshoot your own custom services and get expert instruction on writing a Web service in both LotusScript and Java. Examine simple and complex data types, special considerations for using Web services, and the most effective ways to test them. See the major changes between Web services in Domino 7 and 8 including those gotchas — what you think will work, but doesn't. Walk away with a Web service that you can immediately put to use in your own environment.

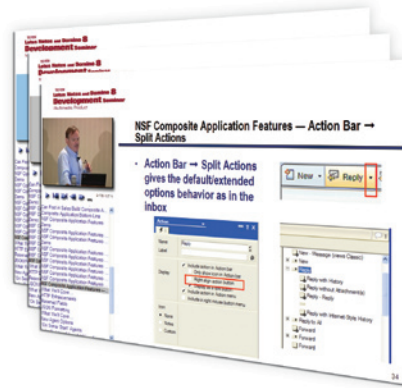
Consuming Web Services in Domino 8

Now that you have the know-how to produce Web services, see first-hand the new capability to consume Web services in Notes and Domino 8 using both LotusScript and Java. Get step-by-step guidance to configuring the Notes client and Domino server to properly consume these services, which can be made available to applications through Web service-enabled script libraries, known as Web service consumers. Learn how to write the Web service code in LotusScript and JavaScript libraries and then call that code from your Notes and Domino 8 agents. Walk away with working examples on how to consume Web services utilizing both simple and complex data types.

Developing NSF/DB2 Based Applications on the Domino 8 Server

Discover the capabilities that Domino 8 provides for housing an application's data and view indices on DB2, integrating RDBMS tables into Notes views, and making Domino data accessible as SQL tables to outside systems. Learn how to set up an NSF/DB2 environment, move an application from NSF to DB2, and create new functionality for your applications via query views and Domino access views. See how NSF/DB2 compares to DECS, DCRS, and LEI to understand where it is an appropriate candidate for use. You take home a Notes application built on NSF/DB2 that leverages the Domino directory to provide relational database access to person records and contains query views that integrate a back-end HR system for additional information.

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