


XPages Technical Enablement: From SSJS to Java

Agenda

Produced by Intec Systems Limited



 Intec House, St Nicholas Close. Fleet, Hampshire. GU51 4JA	<i>Doc. Ref: INS 044 XPages Technical Enablement</i>	<i>Ver. Number 3.0</i>
	<i>Doc Filename: XPages Java in XPages High-Level Agenda.docx</i>	<i>Ver. Date: 24/02/2014</i>
	<i>Author: Paul Withers</i> <i>Approver: Duncan Cooper</i>	<i>Page 1 of 3</i>
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1 Introduction to Java and Review

- History of Java in Domino
- Review of Server Processing and XPages Lifecycle
- Reading Stack Traces
- XML > Java > .class
- Investigating XPages Classes
- Using F3 and F4

2 Understanding faces-config.xml

- What is faces-config?
- Improving usability
- Components, Converters, Validators, Render-Kits
- Application Elements
- PhaseListeners

3 Managed Beans and Data Objects

- What is a managed bean?
- Faces-config settings
- Creating and default properties
- Expression Language and VariableResolver / PropertyResolver
- Processing events
- DataObject – what, why, where?

4 Going Under The Hood

- Debugging
- JavaDoc Support
- Eclipse and investigating XPages Extension Libraries

5 Java Terminology


- Interfaces, Classes and Enums
- Private, Protected, Public
- Static
- String handling

6 Date and Number Handling

- DateTime Class, java.util.Date, java.util.Calendar
- Joda-Time
- Double issues and BigDecimal

7 Document Handling

- “Rich Text”
- Attachments
- AbstractSmartDocumentModel

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- Frostillic.us framework


8 MVC

- ViewHandler
- Order of Processing
- PageControllers

9 Beyond Core XPages

- Xots (multi-threaded tasks)
- Graph Database in Domino
- Building your own plugins
 - Plugin projects
 - Feature projects
 - Update Site projects
 - Debugging and deploying plugins
- Vaadin / OsgiWorlds / CrossWorlds

The agenda is a two-day course.

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