XPages Developer Professional Development Roadmap

(1 Training has been undertaken Mentoring possibly in place Getting familiar with tooling

Using a wide variety of original and Extension Library controls Comfortable with multiple dominoDocuments on page Comfortable with Repeat Controls Using compositeData

5 Getting comfortable with basic Java classes Comfortable with SSJS syntaxes Using third-party Java in SSJS

Start using managed beans

for backend functionality

Use Java utility classes



Pre-Requisites

HTML Awareness of XML CSS JavaScript Domino Object Model

Install plugins in Domino Designer Comfortable with properties, events and scoped variables Using Custom error pages Handling validation Getting comfortable with SSJS (not Java developers)

Starting to read stack traces Starting to understand page lifecycles Programmatically accessing properties of controls Heavily using themes

Editable mobile XPages apps

Comfortable with Java

Using Java more Using Java debugger

Start with simple application or feature in existing application, preferably read only Identify requirements with clear scope and non-demanding stakeholders Regularly look in source pane

Consider more complex layouts with Repeat Controls then nested repeats Use fewer @Formulas Use java.util collections (HashMap, ArrayList etc) Consider using source control

Use Custom language Add a PhaseListener where required to understand lifecycle Use execMode as appropriate Look at persistence and other Xsp properties Look at other performance

Use MVC architecture Develop code in plugins - reusable classes, controls

settings, as appropriate Look at dataContexts

Use Validators. Converters, DataObjects, ValueChangeListeners Look at BigDecimal for numbers Look at controller classes

Key

Experience **Next Steps** Resources

Work mainly in source pane Consider using "loaded" more Consider using themes

1

Training Courses / Mentoring

TLCC Training (self-paced / instructor-led)
Business Partners, e.g. Intec Systems Ltd

Books

Mastering XPages 2nd Ed XPages Extension Library (Throughout XPages career)

Websites

http://xpages.info http://notesin9.com see http://www.mindmeister.com/280533435/notesin9) http://stackoverflow.com (Throughout XPages career)

(2)

OpenNTF Projects

XPages OpenLog Logger XPages Debug Toolbar XPages Log Reader OpenNTF Essentials

Websites

http://openntf.org http://openntf.org/xsnippets.nsf 〔3〕

Software

SourceTree GitHub or other Source Control Repository Resources

"Mapping Java Collections" on http://www.intec.co.uk/blog NotesIn9 140 SourceTree Deepdive

(4)

Books

XPages Portable Command Guide

OpenNTF Projects

XPages Toolbox Bootstrap4XPages **Non-XPages Projects**

jQuery FontAwesome

(5)

Java Projects

Apache POI (Excel/Word/PDF)
Apache StringUtils

Books

Head First Java

6 OpenNTF Projects

OpenNTF Domino API

Look at Code

XPages Help Application XPages OpenLog Logger OpenNTF Domino API Extension Library

7

Software

Eclipse

OpenNTF Projects

XPages Scaffolding
XPages SDK
Debug Plugin (part of XPages SDK project)
XPages Starter Kit