

# **JSF, Flex, or JavaFX**

## **A Primer Comparing 3 Popular RIA Tools**



# Which technology is right for you?

***Most IT organizations are delivering or planning to deliver Rich Internet Applications. At the same time, most IT managers are facing a dilemma: which Rich Internet Application technology to use?***



# JavaServer Faces (JSF) Basics

- Open source component-based Java framework
- Browser-based – no other components or plug-ins required
- Components generate standard HTML
  - Encapsulate all logic and HTML rendering
- Basic components are provided out-of-the-box
  - Links, buttons, layout, tables, etc.
- Integrate Ajax for improved richness
  - RichFaces components render all JavaScript for Ajax requests and partial page updates
  - RichFaces is developed by Exadel
    - Open source project hosted at [jboss.org](http://jboss.org)

- Utilizes Adobe's Flash player
  - Lightweight virtual machine
  - Installed as plug-in in the browser to run Flex applications
- Declarative language called MXML
  - Out-of-the-box graphical UI components
  - Out-of-the-box ActionScript for advanced user interfaces
- Extendable
- Easy integration with back-end technologies like Java, PHP, and ASP

- Declarative language for rich UI development
- Consists of both JavaFX Mobile and JavaFX Script
- Based on mature technologies
  - Swing and JavaSE
  - Complete with a ready-to-use set of UI components
- JavaFX-based applications run inside a Java virtual machine
- Based on JDK6 (Consumer JRE) resolving Java runtime issues



# How can Exadel help you?

- Exadel is a leading software development firm recognized for developing powerful Rich Internet Applications
- Exadel provides our clients with technology leadership
- Exadel provides our clients with cost-effective agile development through our global development centers
- Exadel can help you make the right choice for your company

Want to know more?

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