

WebServices on the iPhone

Making something good, better

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Belfast - www.mobilemonday.net

Shortest presentation ever :)

- ▶ Customer feedback
 - Approaches to Mobile Application Development
- ▶ Conquering the iPhone
 - Now and going forward
- ▶ Resources and Q&A
 - Where to find more information



IONA - Making Software Work Together

Customers Include World's Largest Firms

- 80% of Global Telecom
- 70% of Financial Services in Global 100
- Blue Chip Partners

Deutsche Post 

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KNOW. NOW. 

Financial Viability

- Founded in 1991
- Publicly traded since 1997
- Strong balance sheet
NASDAQ:IONA

The IONA Approach

- Deliver high performance integration software for mission critical applications
- Make heterogeneity an asset, not a liability
- Deliver on the value proposition of standards

Worldwide Presence

- EMEA HQ in Dublin, Ireland
- US HQ in Massachusetts
- APAC HQ in Tokyo, Japan



Customer feedback

- › How to develop mobile applications?
 - How to make them talk to the the rest of the world?
 - Security? Performance? Reliability? Management?
- › No “one size fits all”
 - Trade off between portability (number of devices you can reach), development cost and the “experience” (capabilities of the application)
- › One way to look at it ...
 - **Native:** iPhone SDK (Objective-C), Windows Mobile (C++), Symbian (C++), Palm (C++), Blackberry (C++), Android (C++)
 - High cost, very good results
 - **Java:** CLDC/MIDP, CDC, AGUI, OSGi, lots of JSRs
 - Medium cost, good results
 - **Browser:** Internet Explorer, Safari, Firefox, Opera (using AJAX)
 - Low cost, “good enough” results

Conquering the iPhone

- No JVM :(
 - Leaves you with native or browser-based (AJAX) approach
 - Sun announced to develop one, but ...
- Browser-based approach leaves you with a lot of coding
 - Setting up the XMLHttpRequest object and also processing the results basically means that you have to do the marshalling and unmarshalling of the request in your javascript application code :(
- Apache-CXF 2.1/IONA FUSE Services-Framework allows you to generate all of this code from a WSDL interface or from annotated Java interfaces
 - Videocast and demo is available from <http://www.tritsch.org/Podcast/Podcast.html>


Resources and Q&A

- ▶ www.iona.com - to learn more about “Making Software Work Together” - Mobile to Mainframe
- ▶ open.iona.com - to learn more about “Opensource the Enterprise Way”
- ▶ www.tritsch.org - to learn more about “Innolocity”

Q&A

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- › www.touchpadpro.com - to learn more about how to control your presentation with an iPhone :)



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