

Web 2.0 Development

Enterprise Ajax with JSF/Facelets

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Introduction

1. What Web 2.0 means
2. Long road to now
3. Hype - Disillusionment - Acceptance
4. What now

Key Takeaways

1. Experience can be as important as the app itself
2. Paradigm shift, RIA/WebApp 2.0 is mainstream
3. Someone else should do dirty work
4. Use productivity enhancing tools

User experience

1. Don't make users have to think
2. Seamless
3. Be responsive/immediate feedback
4. Develop loyalty from users

Ajax / RIA

1. Google maps flash point
2. Partial page update
3. Blur the lines between desktop/web app
4. Frameworks, community, tool vendors are mature, enterprise ready

JSF and Facelets

1. JSF is enterprise standard
2. Facelets takes the pain out of JSF development
3. DRY, don't-repeat-yourself, (use facelets to build reusable templates/components)
4. Ajax transparent in JSF components
5. ICEfaces RIA framework JSF/Facelets + transparent Ajax

Increase productivity with tools

1. Find the right RIA/Ajax framework for your project
2. Make low-level javascript be the exception not the rule
3. Optimize environment for productivity
4. Development tooling support with MyEclipse
 1. Out of the box project/framework support
 2. Shorten the develop/deploy/debug cycle
 3. Source editing (JavaScript, JSF/Facelets)
 4. Visual designers
 5. Framework agnostic
 6. JavaScript/DOM debugging

Demo

1. Display data quickly
2. Mashup (w/ web access)
3. Editing data inline (components)
4. Live update (Ajax push)
5. Templates (if we have time)

Demo

Conclusion

1. Experience can be as important as the app itself
2. Paradigm shift, RIA/WebApp 2.0 is mainstream
3. Someone else should do dirty work
4. Use productivity enhancing tools

Questions?

1. About RIA/Web App 2.0 in general?
2. About JSF/Facelets/Ajax?
3. Who is going to win next Tuesday?