
Ajax Frameworks

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Introduction

- ▶ Ajax From 30,000 Feet
 - » New Technology??
 - » Concepts
 - » What's Next?
- ▶ Have it or leave it?
 - » Pros
 - » Cons
- ▶ Ajax & JEE
 - » Java EE Web Applications Without Ajax
 - » Enhance Existing Applications
 - » From Scratch
- ▶ Summary
 - » Conclusions
 - » Q&A

Ajax From 30,000 Feet

▶ New Technology??

» Ajax ?



» ~~New~~ – Since 2001 (I.E. XML Data Islands)

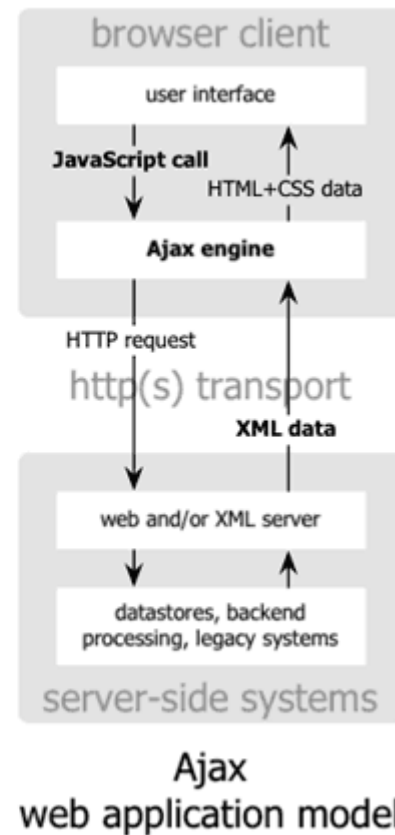
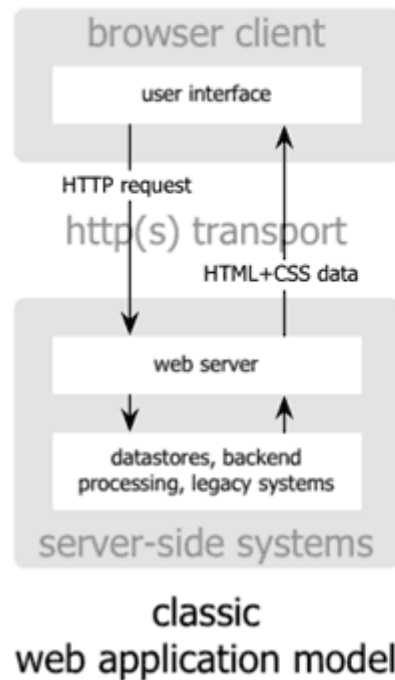
» ~~Technology~~ – Paradigm!

» HTML, CSS & JavaScript



Ajax From 30,000 Feet

▶ Concepts



Ajax From 30,000 Feet

- ▶ What's Next?
 - » Web 2.0 – a staging post on the way to Web 3.0
 - Easier
 - Cheaper
 - Always On
 - Secure
 - Better Look (SVG)

?Have it or leave it

▶ Pros

- » Flashy Look
- » No Pages Reload
- » Desktop like user interface
- » Bandwidth Usage
- » Separation of Concerns

?Have it or leave it

- ▶ Cons
 - » Cross-Browser Support
 - » Async. Concerns
 - » Back Button
 - » IDE Supprt
 - » Experties

Ajax & JEE

- ▶ Java EE Web Applications Without Ajax
 - » Mostly JSP/JSF Based
 - » MVC Frameworks (Not Spec.)
 - » Server-Side Computation
 - » Server-Side Rendering
 - » Standard Web Flow & Navigation

Ajax & JEE

- ▶ Enhance Existing Applications
 - » JSP Based
 - AjaxTags
 - TIBCO General Interface
 - Ajax Anywhere (?)

Ajax & JEE

▶ Enhance Existing Applications

» JSF Based

- Ajax4JSF
- IceFaces
- RichFaces
- MyFaces – Tomahawk (+ Dojo)

Ajax & JEE

▶ From Scratch

» Ajax for Java Developers

- DWR
- GWT
- Wicket
- Eclipse ATF (Ajax Toolkit Framework)
- JBoss Seam

Ajax & JEE

- ▶ From Scratch
 - » Ajax for JavaScript Braves
 - prototype
 - script.aculo.us
 - YUI & YUI-EXT
 - Dojo

Summary

- ▶ Conclusions
- ▶ Q&A

