

Laszlo Overview

4/12/08

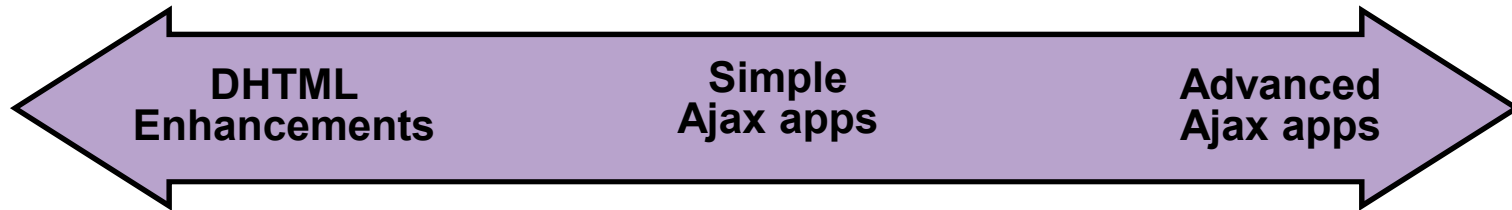
Transforming the Web Experience™

TRANSFORMING THE WEB EXPERIENCE

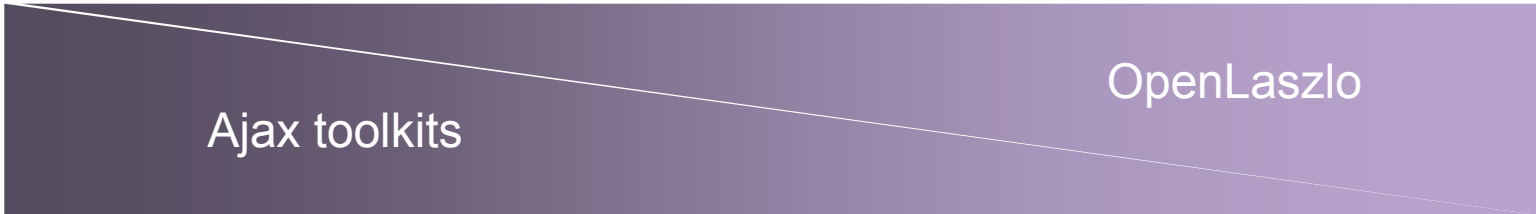
 Laszlo®

OpenLaszlo: Enabling Web-Delivered Rich Applications

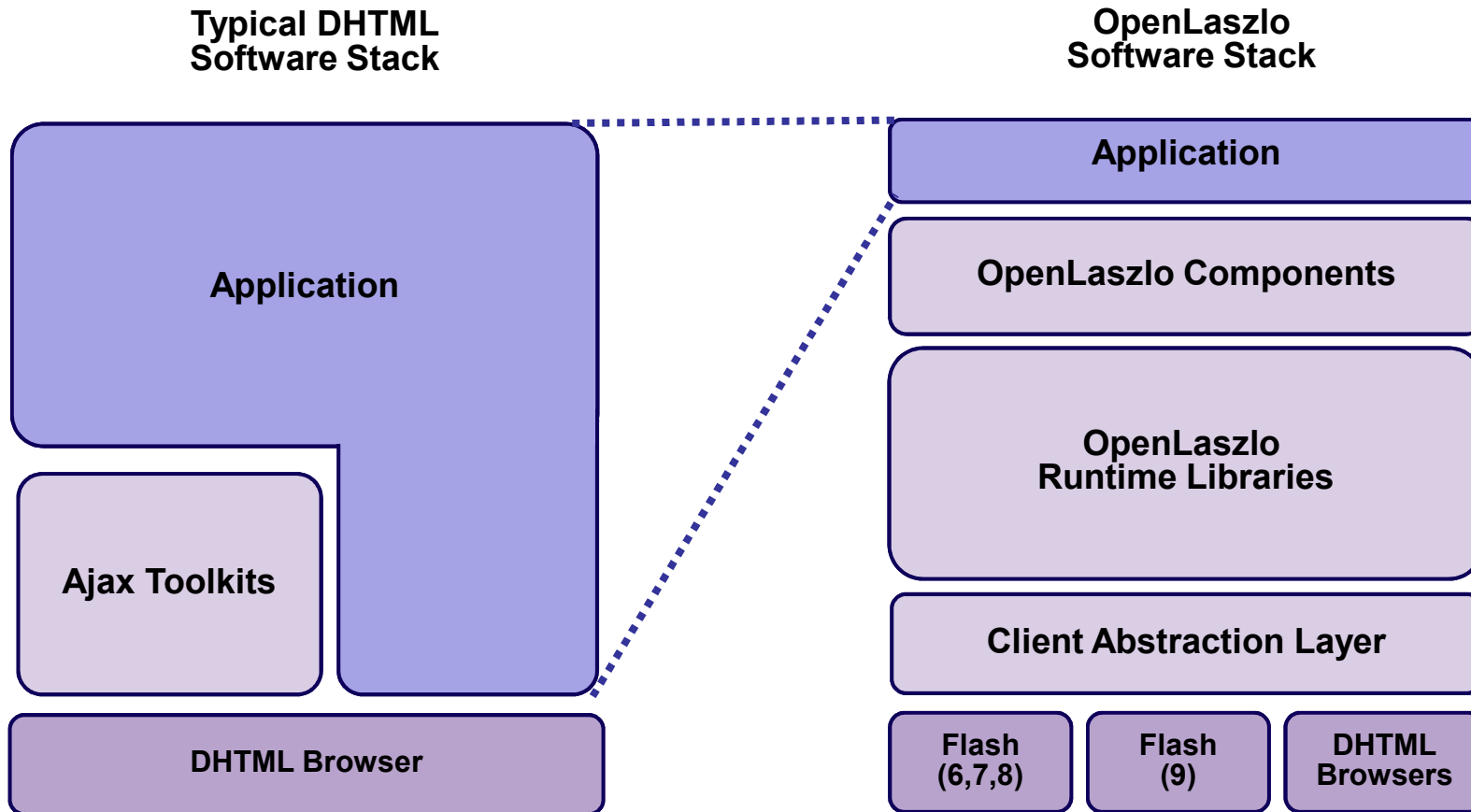
HTML,
page-
based
apps



Desktop
Application
Replacement



Ajax Toolkits vs. OpenLaszlo For Advanced Applications

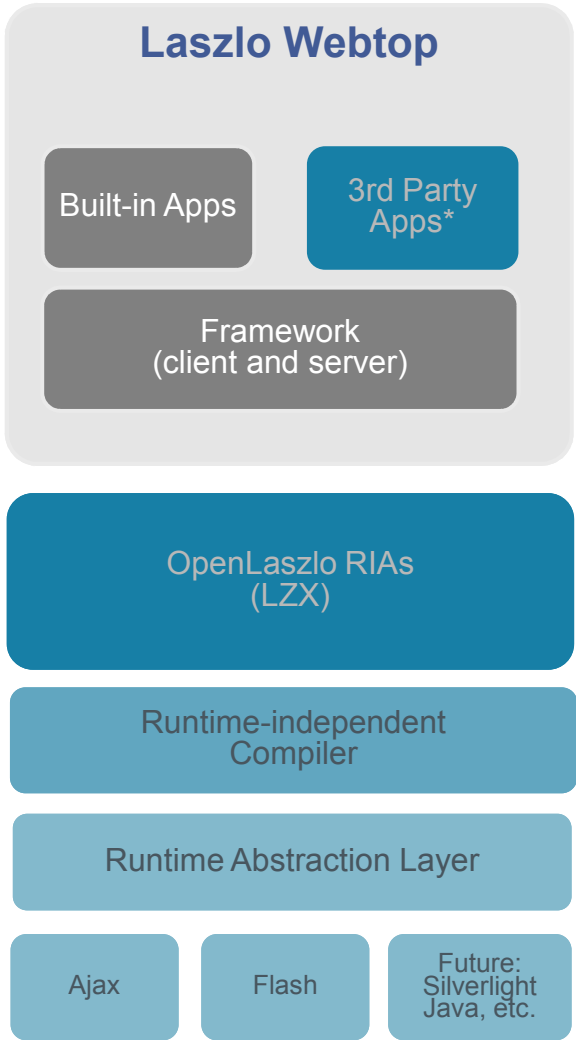


- Lack of high-level framework and rich component library means more code, complexity and less functionality
- Functions within applications are typically tied to certain (versions of) browsers

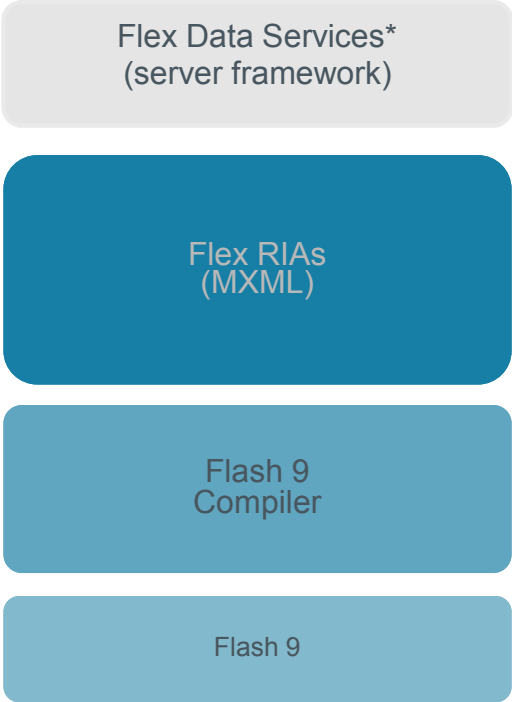
- Richness of components and framework reduces code for sophisticated applications
- Abstraction layer insulates developer from browser/runtime idiosyncrasies

Laszlo Provides Complete “Platform-to-App” RIA Solutions

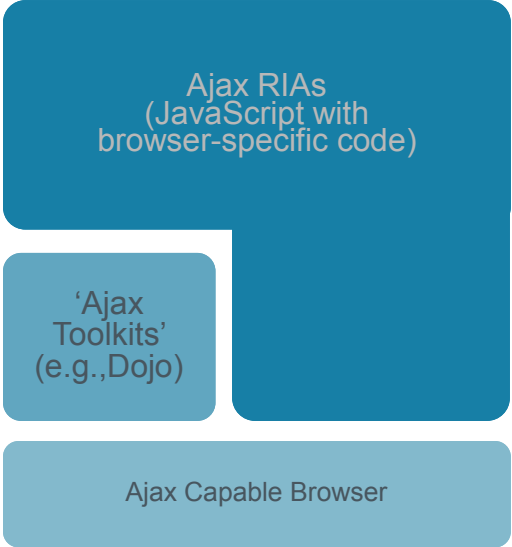
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Adobe Flex 2



‘AJAX Toolkits’



* optional

Compiler architecture

- Application LZX/XML is transformed to JavaScript 2
- JavaScript 2 compiled to runtime representation
 - Compressed JavaScript 1.2 for DHTML runtime
 - Can use native JavaScript 2 for Firefox 3, upcoming browsers
 - Bytecode for Flash runtimes
- Pre-compiled runtime library is delivered with application
 - Special runtime libraries provide instrumented code for profiling and debugging
- Debugging and Profiling
 - Adds embedded debugger for use inside applications - with Firebug support for DHTML

Kernel architecture

- Each runtime has a lightweight JavaScript kernel
- Kernel API's isolate the LFC from runtime idiosyncrasies
- Adding new runtimes is relatively easy

