

The logo for Virtuas, featuring the word "VIRTUAS" in a bold, white, sans-serif font, centered within a solid red rectangular box.

VIRTUAS

What's New in AppFuse 2.0

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About You

- Your experience with Java?
- Your experience with Web Frameworks?
- What do you hope to learn today?
- Open Source experience: Ant, JSF, Struts, Spring, Tapestry, Hibernate, Eclipse, Tomcat?
- Favorite IDE? Favorite OS? Favorite Server?



AppFuse

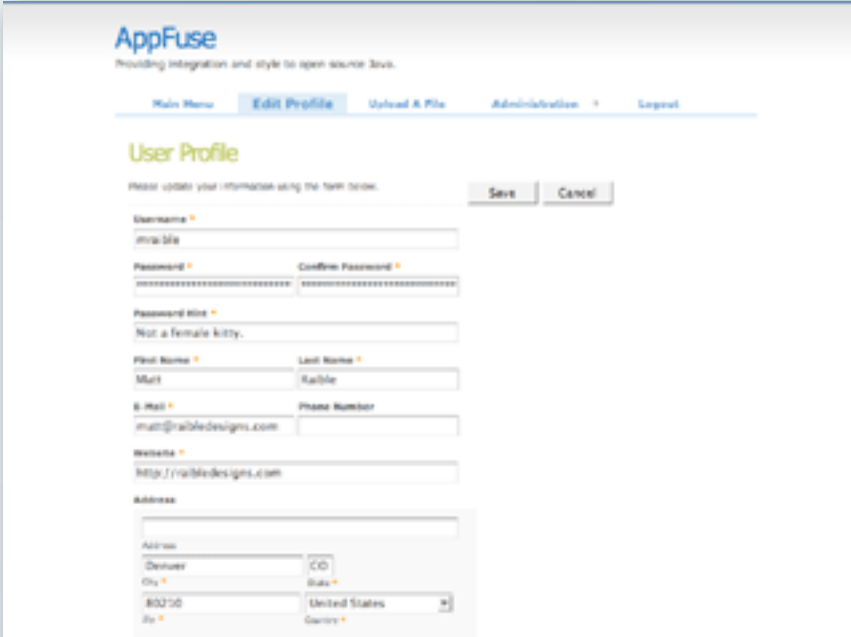


Struts Menu



Agenda

1. AppFuse Overview
2. Features and Demo
3. What's New in 2.0
4. Demo: Starting with 2.0
5. Roadmap
6. Similar Projects
7. Resources
8. Q and A

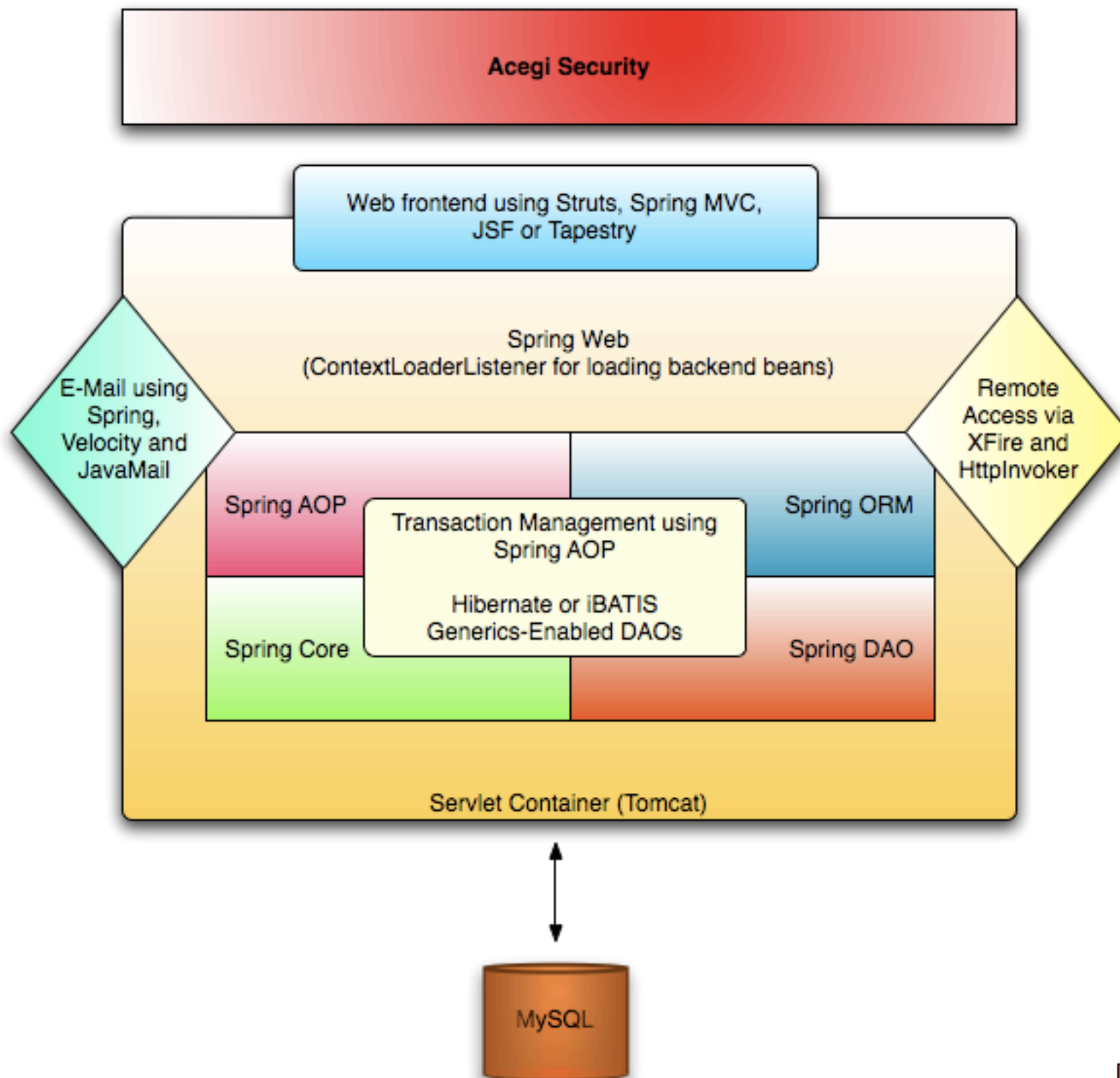


The screenshot shows the 'AppFuse' user interface. At the top, the 'AppFuse' logo is displayed with the tagline 'Providing integration and style to open source Java.' Below the logo is a navigation bar with links: 'Main Menu', 'Edit Profile' (which is highlighted), 'Upload A File', 'Administration', and 'Logout'. The main content area is titled 'User Profile' and includes a message: 'Please update your information using the form below.' To the right of this message are 'Save' and 'Cancel' buttons. The form contains several input fields: 'Username' (with the value 'jma:ble'), 'Password' and 'Confirm Password' (both masked with asterisks), 'Password Hint' (with the value 'Not a female kitty.'), 'First Name' (with the value 'Matt') and 'Last Name' (with the value 'Rabbit'), 'E-Mail' (with the value 'matt@rabbitedesigns.com') and 'Phone Number', 'Website' (with the value 'http://rabbitedesigns.com'), and 'Address'. At the bottom of the form are fields for 'Country' (with the value 'United States'), 'City', 'State', 'Zip', and 'Gender'.

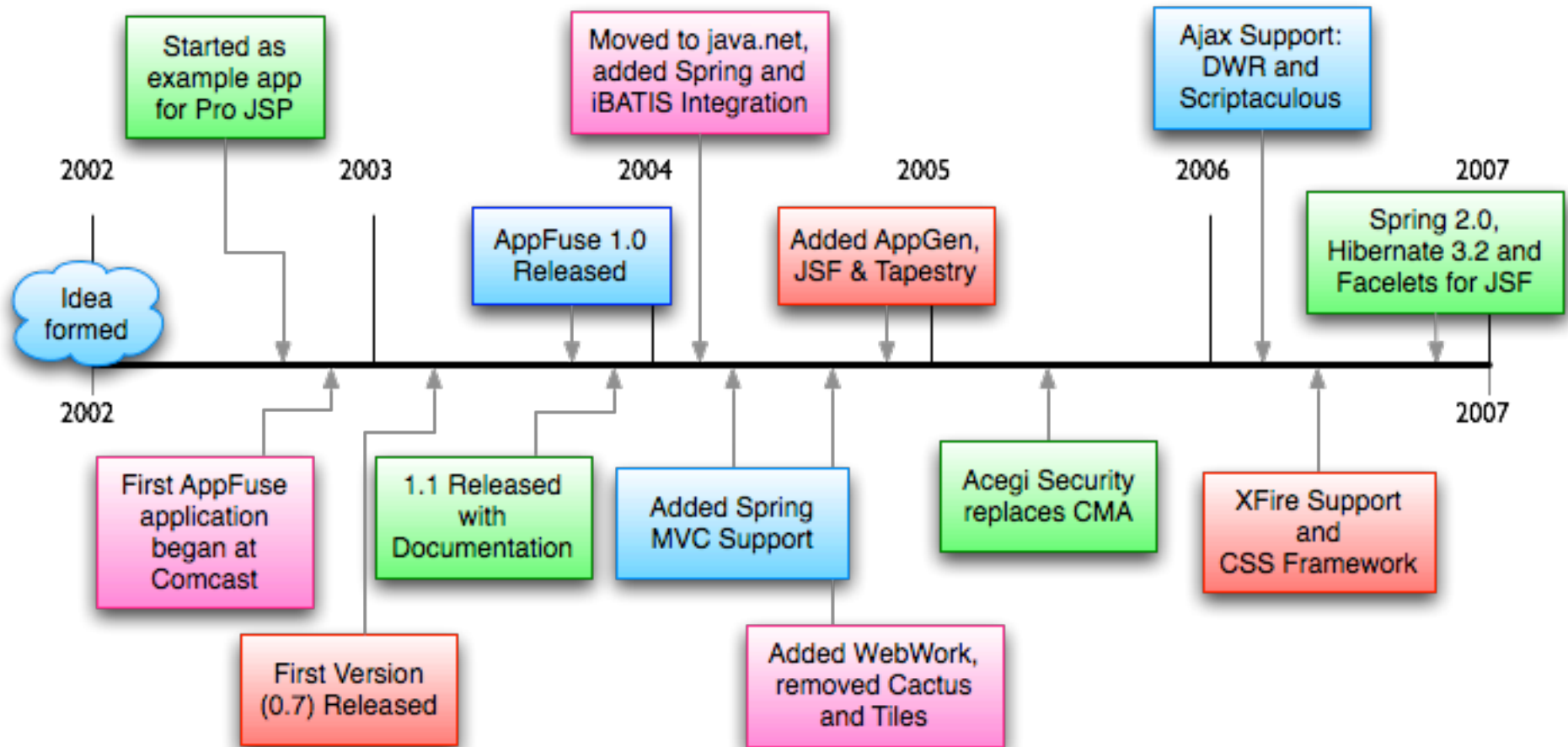
What is AppFuse?

What is AppFuse?

"An Apache-licensed project that provides integration and style to Java-based frameworks."



History



<http://today.java.net/pub/a/today/2004/07/15/thefuse.html>

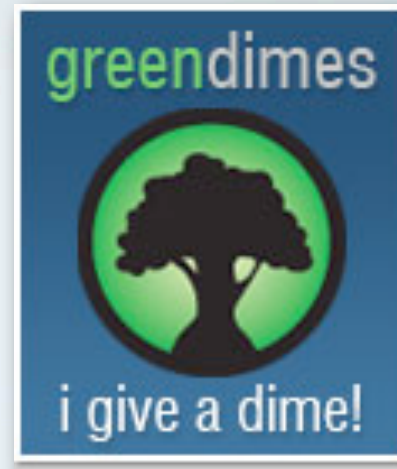
Powered by AppFuse



SourceBeat™

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AppFuse Features

- Security
 - Authentication and Authorization
 - Role protected menu and Spring bean methods
 - Remember Me
 - Password Hint
- User Signup
- Open Source Framework Integration
- User Management
- File Upload

AppFuse Features, cont.

- Internationalization
- Testing: DAO, Unit, UI
- Continuous Integration
- UI Lovin'
 - Mike Stenhouse's CSS Framework
 - Script.aculo.us
 - SiteMesh
 - Wufoo Forms

Demo of Features

AppFuse

Providing integration and style to open source Java.

Main Menu

Edit Profile

Upload A File

Administration

Logout

View Users

Current Users

Reload Options

Flush Cache

Clickstream

Administration

View Users

Current Users

Reload Options

Flush Cache

Clickstream

Current Users

Add

Done

2 users found, displaying all users.

Username	Full Name	E-Mail	Enabled
mraible	Matt Raible	matt@raibledesigns.com	<input checked="" type="checkbox"/>
tomcat	Tomcat User	matt_raible@yahoo.com	<input checked="" type="checkbox"/>

Export options: [CSV](#) | [Excel](#) | [XML](#) | [PDF](#)

Add

Done

Version 1.9.4 | XHTML Valid | CSS Valid | Logged in as: Matt Raible

© 2006 Your Company Here

Version 1.9.4 | XHTML Valid | CSS Valid | Logged in as: Matt Raible

© 2006 Your Company Here

Add

Done

Export options: [CSV](#) | [Excel](#) | [XML](#) | [PDF](#)

AppFuse Sweet Spots

- Use it ...
 - ... to test out different Java web frameworks
 - ... to quickly prototype instead of wireframe
 - ... to quickly try out popular Java frameworks
 - ... when Security and/or User Management is a required feature
 - ... to develop SOA applications that need Ajax and Web Services
 - ... because you like Leading Edge Open Source Java

Major Features in 2.0

- **Maven 2**
 - AppFuse Maven Plugin
 - Embeddable AppFuse
 - Full IDE Support
 - Reporting and Documentation
- Java 5 and Annotations
 - Generic DAOs/Managers
- JSP 2.0 and Servlet 2.4
- Struts 2

Minor Features in 2.0

- Hibernate 3.2
 - JPA and Annotations
- Spring 2.0
 - Easy AOP and new "p" namespace
- JSF: Facelets and Ajax4JSF
- Tapestry 4.1

"Can I upgrade from 1.9.x to 2.0"?

- No direct upgrade path or script
- Create an AppFuse 2.0 Project
 - Use AppFuse artifacts as dependencies
 - Add your files
- Should be easy enough, it's all Java and XML in the end!

New vs. Old

- Ant vs. Maven
- Tomcat vs. Jetty
- Struts 1 vs. Struts 2
- Selenium vs. WebTest
- Exploded vs. Embedded

Ant vs. Maven

Ant	Maven 2
ant new	mvn appfuse:new
ant test-dao	mvn test -Dtest=*DaoTest
ant db-load	mvn dbunit:clean-insert
ant deploy	mvn jetty:run-war
ant test-all	mvn

Demo ~ Starting a Project

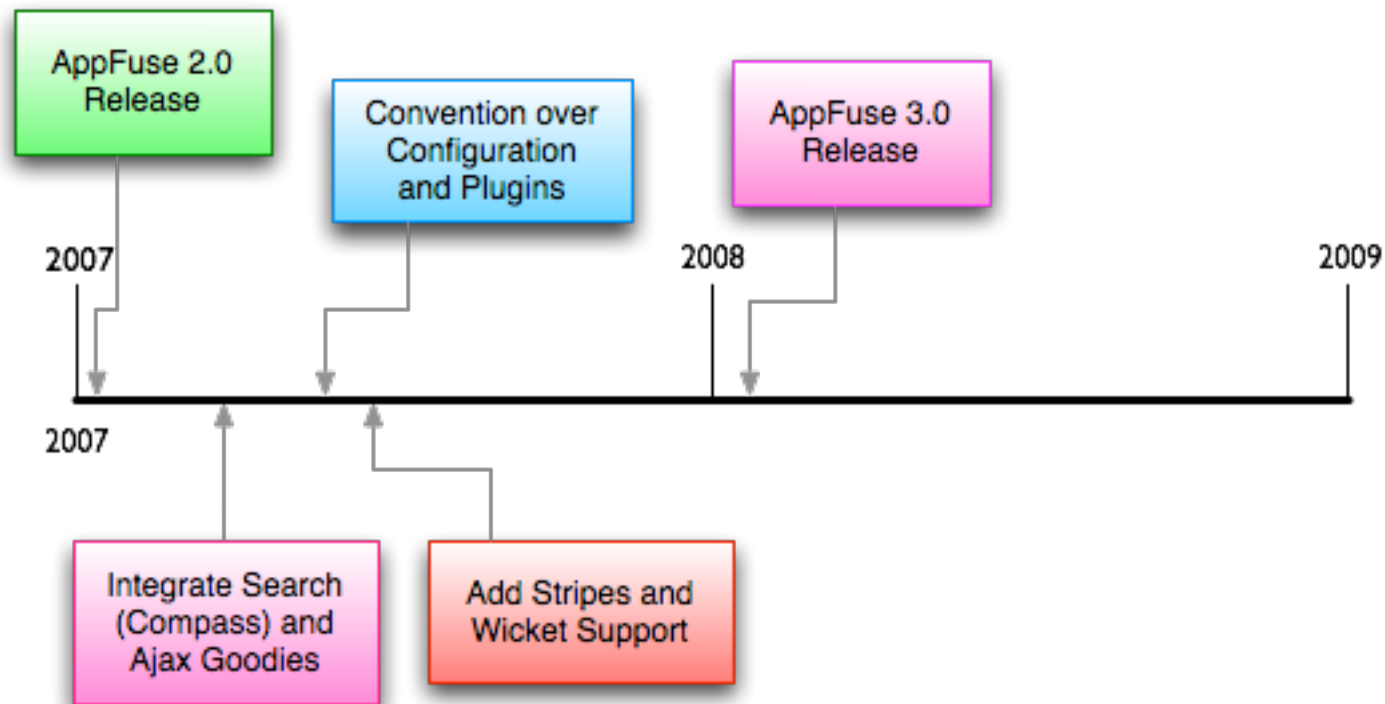


Roadmap

- Milestones -> 2.0 Final
 - Maven Plugin
 - Archetypes
 - Documentation
- 2.1: Search and Ajax
- 2.2: Conventions and Plugins



The Future



<http://appfuse.org/wiki/AppFuseRoadmap.html>

Similar Projects

- Able
- Grails
- JAG
- Qwicket
- RIFE
- Ruby on Rails
- Seam
- Trails



Learn more from...

- AppFuse Mailing Lists:
 - <http://appfuse.org/forums>
- Seven simple reasons to use AppFuse:
 - <http://www-128.ibm.com/developerworks/java/library/j-appfuse>
- Comparing Web Frameworks:
 - <https://equinox.dev.java.net/framework-comparison>
- What's new in Spring 2.0:
 - <http://www.springframework.org/docs/reference/new-in-2.html>

Equinox

- **AppFuse Light** - designed for quick apps with few requirements (i.e. prototypes)
- Includes 6 MVC implementations: JSF, Spring MVC, Struts, Struts 2, Tapestry and WebWork
- Includes 5 Persistence frameworks: Hibernate, iBATIS, JDO, OJB, Spring JDBC
- 50 combinations available!
- Located at <http://equinox.dev.java.net>

Questions?

- AppFuse Project:

- <http://appfuse.org>



- Demos and Videos:

- <http://demo.appfuse.org/demos.html>

- Tutorials:

- <http://appfuse.org/tutorials>

**DOWNLOAD
&
ENJOY!**

<http://appfuse.org/download>