

JBoss Tools & Developer Studio

Max Rydahl Andersen

<http://in.relation.to/Bloggers/Max>

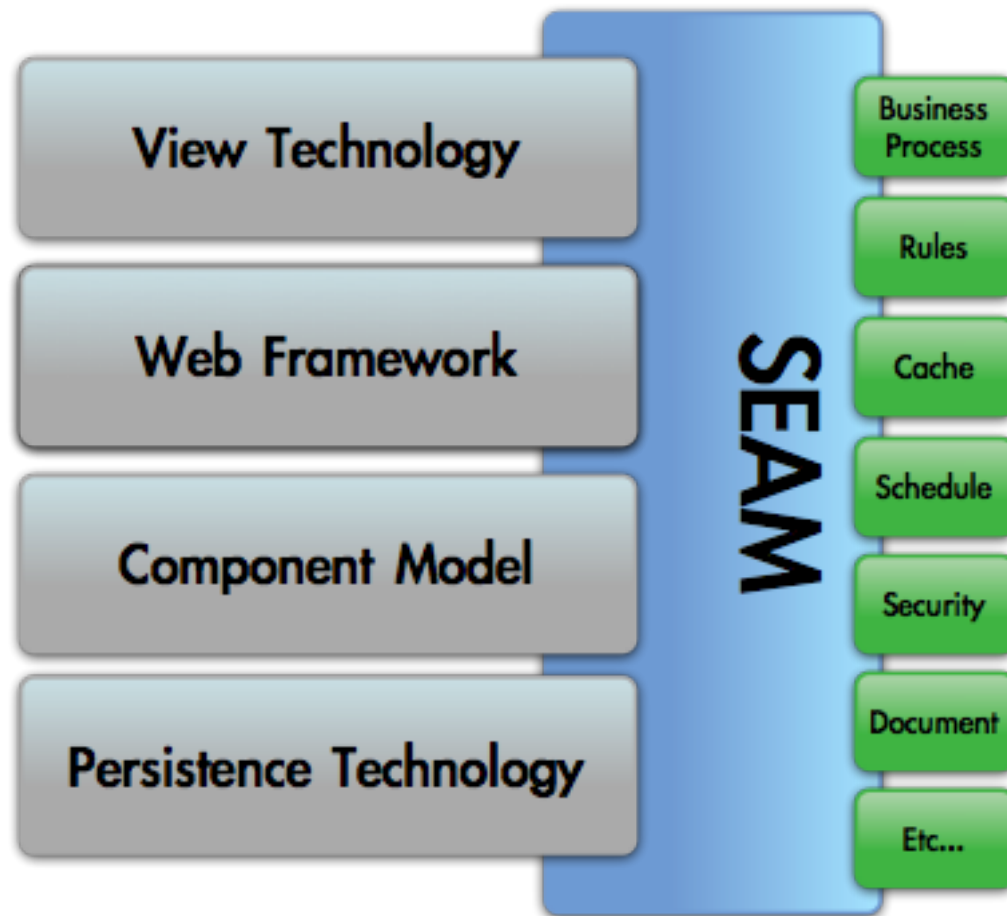


About Me

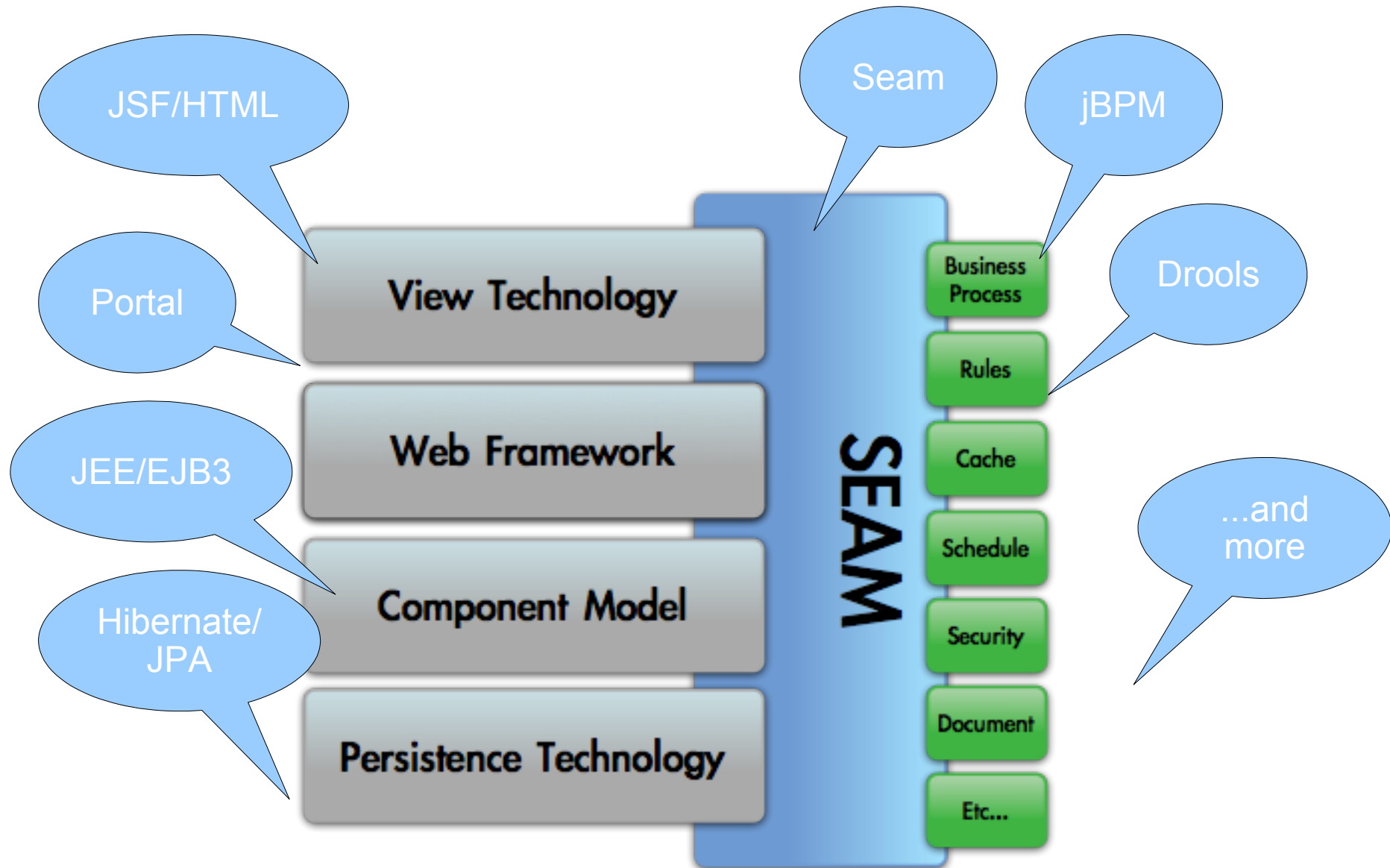
- Max Rydahl Andersen
 - max@hibernate.org, max.andersen@jboss.com
- Formerly developer and project lead for large health care software system development
- Hibernate Team member since 2002
- Joined JBoss 2004 as Core developer and Consultant
 - Hibernate Core Contributor
 - Hibernate Tools Lead
 - Seam contributor
 - JBoss Tools & Developer Studio Lead

- Intro
- What is Seam ?
- Demo of JBoss Tools
- Highlights
- JBoss Tools vs Developer Studio
- Upcoming

What is Seam ?



What is Seam ?





JBoss DEVELOPER STUDIO

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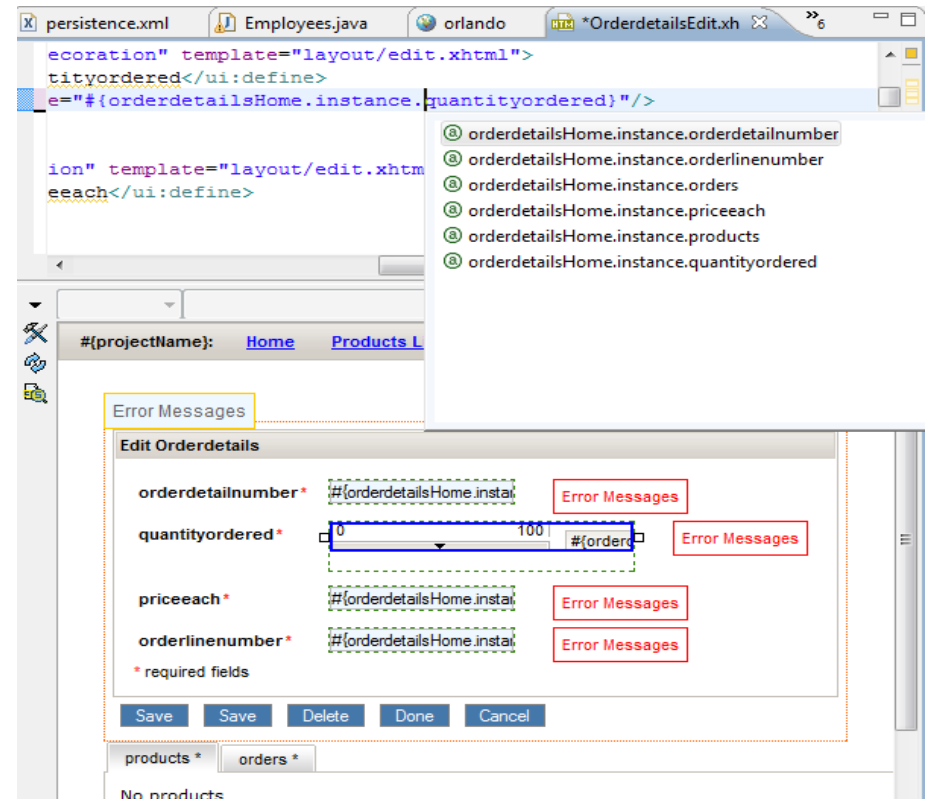
The
highlights...

Seam

- Seam Wizards
- Hot deploy automatically setup
- Validation of Seam constructs
- EL understanding in java, pages.xml, etc.
- Components.xml editor

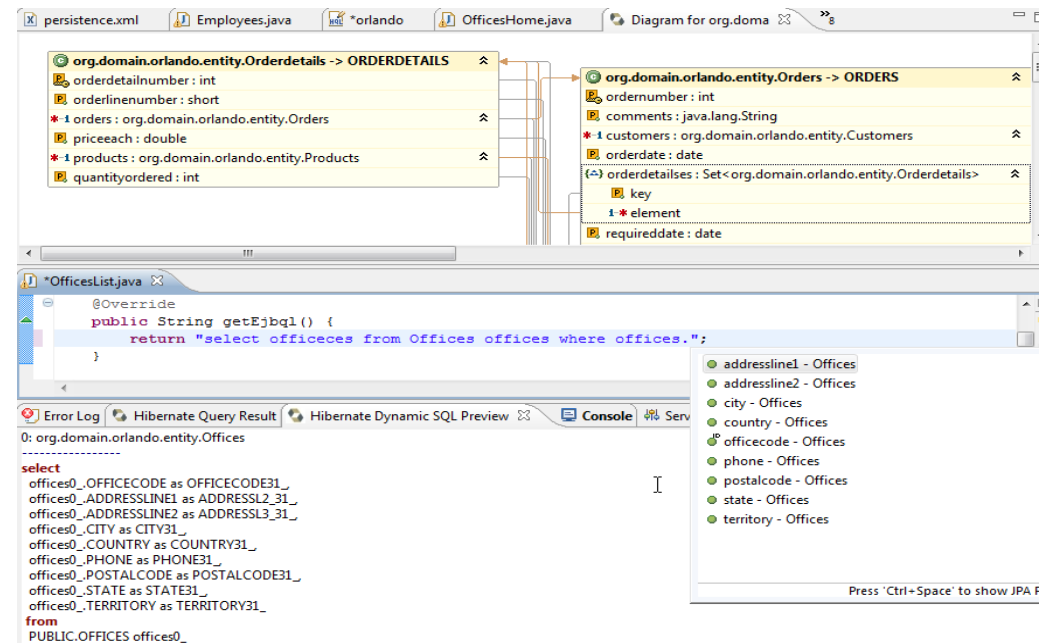
JSF Visual Editing

- Supports JSF, Facelets, HTML etc.
- Includes and CSS stylings are honored
- Rendering by a real browser engine (Mozilla)
- EL expression completion incl. Seam components
- OpenOn (F3) on expressions
- Find EL references (Ctrl+Shift+G)



Hibernate

- Supports both hbm.xml and JPA
- HQL/JPA-QL query and Criteria prototyping
- Java inline query code completion and query validation
- Mapping visualization
- Reverse engineering from database schema
- Flexible code generation



Project Archives

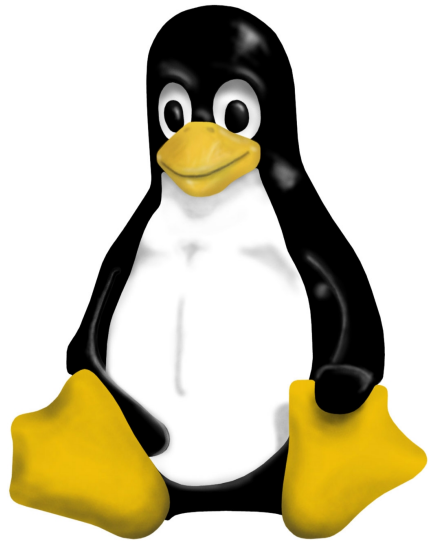
- Incremental update
- Zipped or exploded archives
- Any application server that supports hot deployment
- Not dependent on WTP projects



...and more...

- JBPM visual editing
- Restart by "Touch"
- Struts 1.x
- Project explorer navigation and direct editing
- ...

Available on multiple platforms



How to get it ?

- Get Eclipse J2EE bundle from <http://www.eclipse.org>
- Get JBoss Tools All Plugins from <http://www.jboss.org/tools>
- Get JBoss AS from <http://www.jboss.org/as>
- Get Seam from <http://www.jboss.org/as>
- ...get additional Eclipse plugins such as TestNG
- Configure it
- Have fun!

Too
much
hassle?

JBoss Developer Studio

- One install – just works!
- Everything preconfigured and ready for doing Web 2.0 development
 - JBoss Tools
 - Eclipse and Web Tools preconfigured
 - JBoss EAP with JBoss AS and Seam preconfigured
 - 3rd party plugins bundled and configured
 - Access to RHEL and Red Hat Network
 - Access to the JBoss/Red Hat supported software
- Available under a subscription for 99\$

JBoss Developer Studio

Installer

JBoss Tools

JBoss AS, Seam,
Hibernate,
JBPM,
JSF, Struts, ...

3rd Party

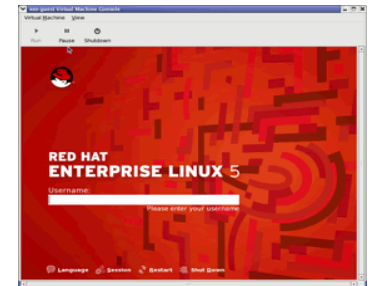
TestNG
SpringIDE

Eclipse and Web Tools

Java, JEE, Other servers

JBoss EAP

JBoss AS and Seam



Which to choose ?

- JBoss Tools
 - Open Source
 - Some assembly required
 - Bleeding Edge
 - Use with Community binaries
 - Free
- Developer Studio
 - Open Source
 - Works out-of-the-box
 - Stable
 - Build on bundled supported binaries
 - 99\$

This just in...

JBoss Tools 3

- 3.0.0.Alpha
 - Eclipse 3.4
 - Portlet support
 - TPTP integration for AS
 - Eclipse BIRT
 - Graphical pages.xml editor
 - Simulated EL evaluation
 - ...and more
- 3.0.X
 - SOA/ESB/Drools Tooling
 - More code completions
 - EL refactoring



Contributions Welcome!

1) `svn co`

`http://anonsvn.jboss.org/repos/jbosstools/trunk`

2) ...

3) Attach patch in Jira

4) Profit for everyone!

JBoss Developer Studio 2

- JBoss Tools 3
- Eclipse 3.4.x/WTP 3.0.x
- TestNG/SpringIDE/?
- JBoss EAP 4.3 with Seam 2.x Feature Pack
- GA Q109

Questions ?

Want a job ? max.andersen@jboss.com

<http://www.jboss.com/products/devstudio>
<http://www.jboss.org/tools>