



Introduction to RED HAT DEVELOPER STUDIO

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March 5, 2007: Red Hat & Exadel Partner to Bring New Developer Tools to Open Source

- Exadel is open sourcing its Ajax4jsf, RichFaces, and Studio Pro products at Red Hat's jboss.org as JBoss Ajax4jsf, JBoss RichFaces, and Red Hat Developer Studio, respectively
- Red Hat and Exadel have formed a strategic partnership to continue developing these three projects and will be integrating them with other JBoss projects like JBoss Seam. Red Hat will be leading these projects, like it does for other JBoss projects
- Ajax4jsf and RichFaces are immediately available in open source at jboss.org. Open sourcing of Studio Pro as Red Hat Developer Studio is expected to be completed around Summer 2007





Exadel Quick Facts

- **US Company, Founded in 1998, Headquarters: Concord, CA**
- **Sales and Support offices in Chicago, New York**
- **International Operations**
 - Germany: Frankfurt, Munich
 - Russia: Moscow, St. Petersburg
 - Belarus: Minsk, Vitebsk
 - Ukraine: Kharkov, Donetsk
- **185+ Employees**
- **900+ Customers**
- **220,000+ Registered Users**
- **Major Products:**
 - Commercial tools based on open source (Exadel Studio Pro)
 - Ajax4jsf Rich Enterprise Framework for Web 2.0
 - Rich Faces, Set of rich components for Web 2.0
- **Services**
 - Software development, maintenance and enhancements
 - World experts in UI, middleware and modern computing
 - Professional Services, Support, and Training

Why are we unique?

Since we develop commercial products we have the development discipline of a software company that we apply to enterprise projects for our clients

Exadel is the leading provider of software, services and support that enable companies to create advanced mission-critical Web 2.0 applications leveraging open source and Java technologies



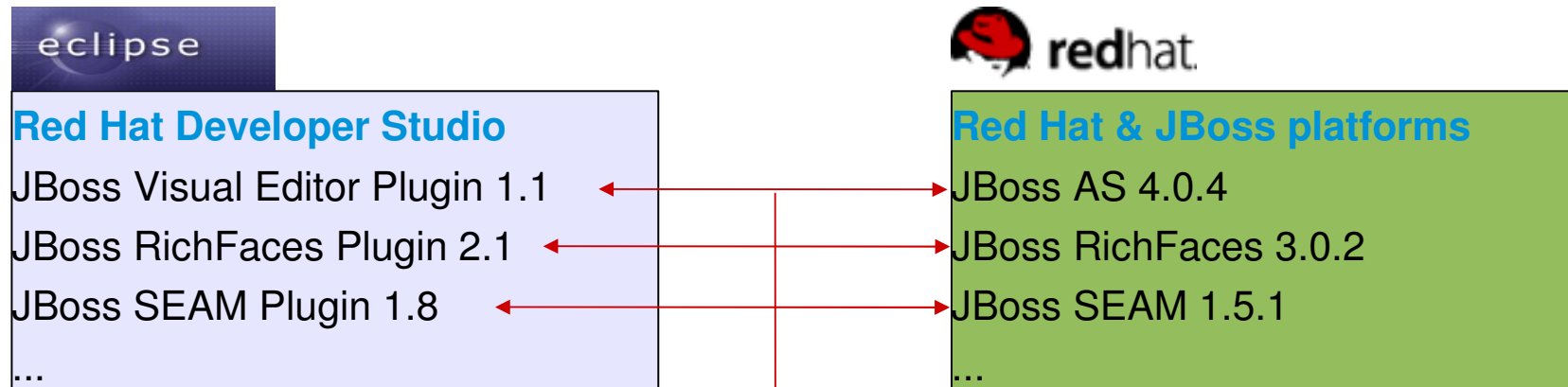
Exadel Marquee Clients



Making Open Source Software Easy to Consume, Maintain, Use, and Support

- Mismatched development environments cause inconsistency, instability, wasted time, and unrepeatable processes in development
- **Solution: Red Hat Developer Studio** provides a complete, integrated, open source development environment that includes rich tools, platforms, and libraries
 - Includes Red Hat Developer Studio IDE, JBoss Enterprise Application Platform, Red Hat Enterprise Linux
 - Includes Red Hat Network services
 - Available Summer 2007

Integrated & Certified Tooling

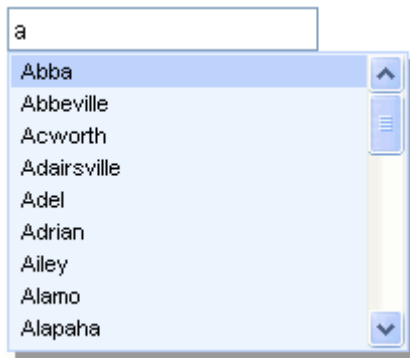


Tooling Components Certified With Respective Runtime Components

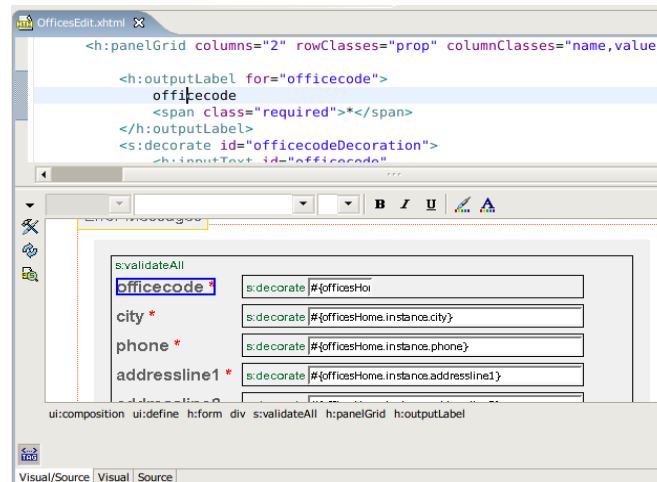
Integrated & Certified Platform

Making Developers Truly Productive

- Red Hat wants to help developers write *better* software faster; developer tools primarily just help developers write software faster
 - Eclipse is just a framework, not a set of developer tools
- **Solution: JBoss Seam, Ajax technologies, and Red Hat Developer Studio** provide a unified, simple, and powerful programming model for rich applications along with strong tooling support
 - Open source compounds the benefits of a good programming model with strong tools



RichFaces Ajax Suggestion Box



Visual/Source JSF
Editor

Red Hat Developer Studio Demonstration

The screenshot displays the Red Hat Developer Studio interface with three main components:

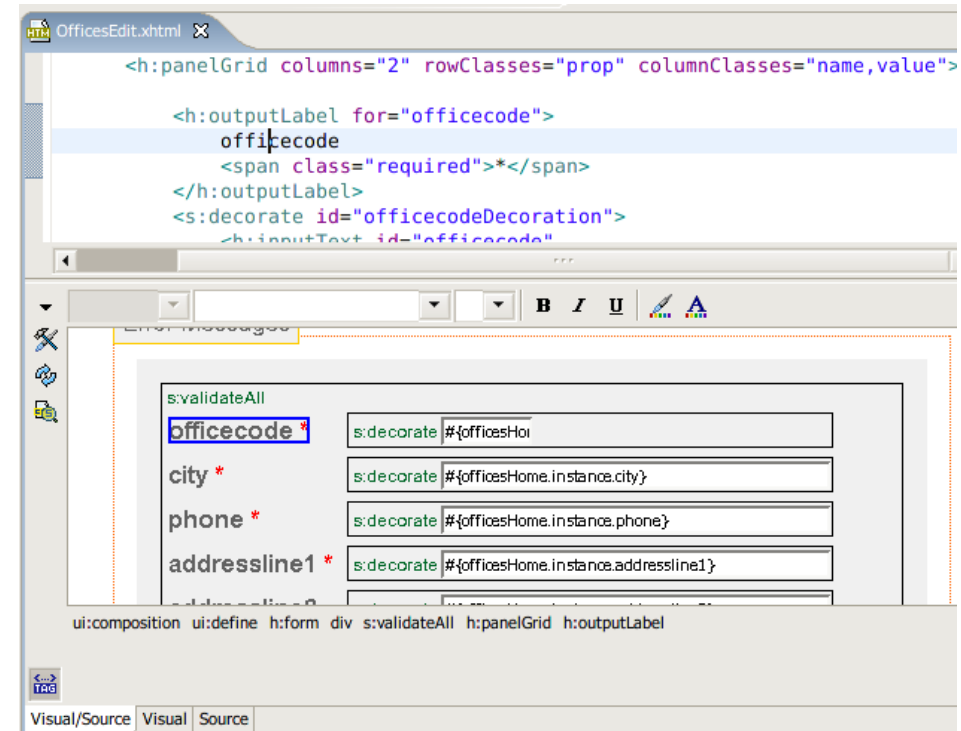
- Code Editor:** Shows XML code for a form grid. The selected element is `<h:outputLabel for="officecode">officecode</h:outputLabel>`. Below it, there is a `<s:decorate id="officecodeDecoration">` tag.
- Design View:** Shows a form with fields: `officecode *`, `city *`, `phone *`, and `addressline1 *`. Each field has a corresponding `s:decorate` tag. A `s:validateAll` tag is also present.
- UML Class Diagram:** Shows a database schema with the following classes and attributes:
 - Customers:** `customernumber`, `state`, `country`, `employees`, `customername`, `contactlastname`, `contactfirstname`, `phone`, `addressline1`, `addressline2`, `city`, `postalcode`, `creditlimit`, `orderses`, `paymentses`.
 - Employees:** `employeenumber`, `extension`, `lastname`, `firstname`, `email`, `officecode`, `reportsto`, `jobtitle`, `customerses`.
 - Orders:** `ordernumber`, `status`, `customers`, `orderdate`, `requireddate`, `shippeddate`, `comments`, `orderdetailses`.
 - Orderdetails:** `orderdetailnumber`, `products`, `orders`, `quantityordered`, `priceeach`, `orderlinenumber`.
 - Products:** `productcode`, `orderdetailses`, `productlines`, `productname`, `productscale`, `productvendor`, `productdescription`, `quantityinstock`, `buyprice`, `msrp`.

State Machine Diagram: Shows a flow starting from `<<Start State>> start`, moving to `<<Node>> Check Inventory`, then to a `<<Decision>> Inventory Decision`. From the decision, it branches into `ship` (to `<<Node>> Ship Order`) and `refund` (to `<<Node>> Refund Order`). Both paths merge at a `<<Join>>` node, which then leads to `<<End State>> end1`.

Red Hat Developer Studio

New Subscription Offering

- **Provides a unified, simple, and powerful programming environment for rich Web 2.0 applications**
 - Innovative tooling support for AJAX, JBoss Seam, JavaServer Faces, and rich enterprise applications
 - Graphical design and editing of business processes and rules
 - Robust Java EE tools and debugging
- **Runs on Windows & comes with RHEL for added virtualization benefits**
- **Integrated platform and tools ensures consistency throughout the development lifecycle**
- **Available Summer 2007**



Visual/Source JSF Editor

A comprehensive, open source development environment that integrates Red Hat/JBoss platforms with rich, Eclipse-based tools

Additional Information

- Learn about Red Hat's developer offerings at
 - <http://redhat.com/developers/>
- Sign up for Red Hat's developer newsletter at
 - https://www.redhat.com/apps/webform.html?event_type=simple_form&eid=97
- Learn about Red Hat Developer Studio and try out a free evaluation of Exadel Studio Pro until Red Hat Developer Studio is open sourced at
 - <http://labs.jboss.com/rhdevstudio/>
- Learn about JBoss Seam, RichFaces, and Ajax4JSF at
 - <http://labs.jboss.com/jbossseam>
 - <http://labs.jboss.com/jbossrichfaces>
 - <http://labs.jboss.com/jbossajax4jsf>
- Learn about Exadel and its services at
 - https://www.redhat.com/apps/webform.html?event_type=simple_form&eid=95
 - <http://exadel.com>