

IMPLEMENTATION FEST 2012 - BREAKOUT

RUSSEL

Re-U**s**ability Support System for E-L**e**arning

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AGENDA

- Objectives of the RUSSEL
- Implementation Details
- Early Demo
- Discussion

About Eduworks

Technology company (Oregon small business) founded in 2001 • Expertise in software engineering, web services, design, learning technology, digital libraries, interactive content, standards, document analysis and text mining • Research funded by NSF and DOD • Contributor to DOD learning and training initiatives through research, analysis and technology.

Based on Science • Built by Engineers • Perfected by Designers • Powered by Eduworks

Objectives of RUSSEL

- **Out-of-the-box repository and digital library for DOD**
 - Manage and curate courses, documents and multimedia assets
 - Search and discover objects (locally and from other sources)
- **Make content more useful**
 - Create a rich metadata environment
 - Include ratings, analytics, and comments on usage (called *paradata*)
 - Support communities of practice and collaboration
- **Improve design and development of training**
 - Electronic performance support system (EPSS) for instructional design
 - Facilitate reuse and repurposing (“re-mixing”)
 - Promote best practices

About the RUSSEL Project

Funded by ADL through a BAA • Started April 2012 • End March 2013 • Feedback desired

REPOSITORY DESIGN

- Built around Alfresco
 - Open source
 - Community version with supported enterprise version available
 - Large ecosystem
 - Secure records management
- Redesigned User Interface and User Experience
 - Modern, mobile and efficient
- Focus on high value use cases:
 - Program managers: Avoid duplication. Approve deliverables.
 - Designers & Developers: Find and repurpose. Collaborate.
 - War fighters: Find the best training.
- Agile approach

Alfresco Details First Open Source Software Stack to Obtain U.S. Department of Defense 5015.02 Records Management Certification

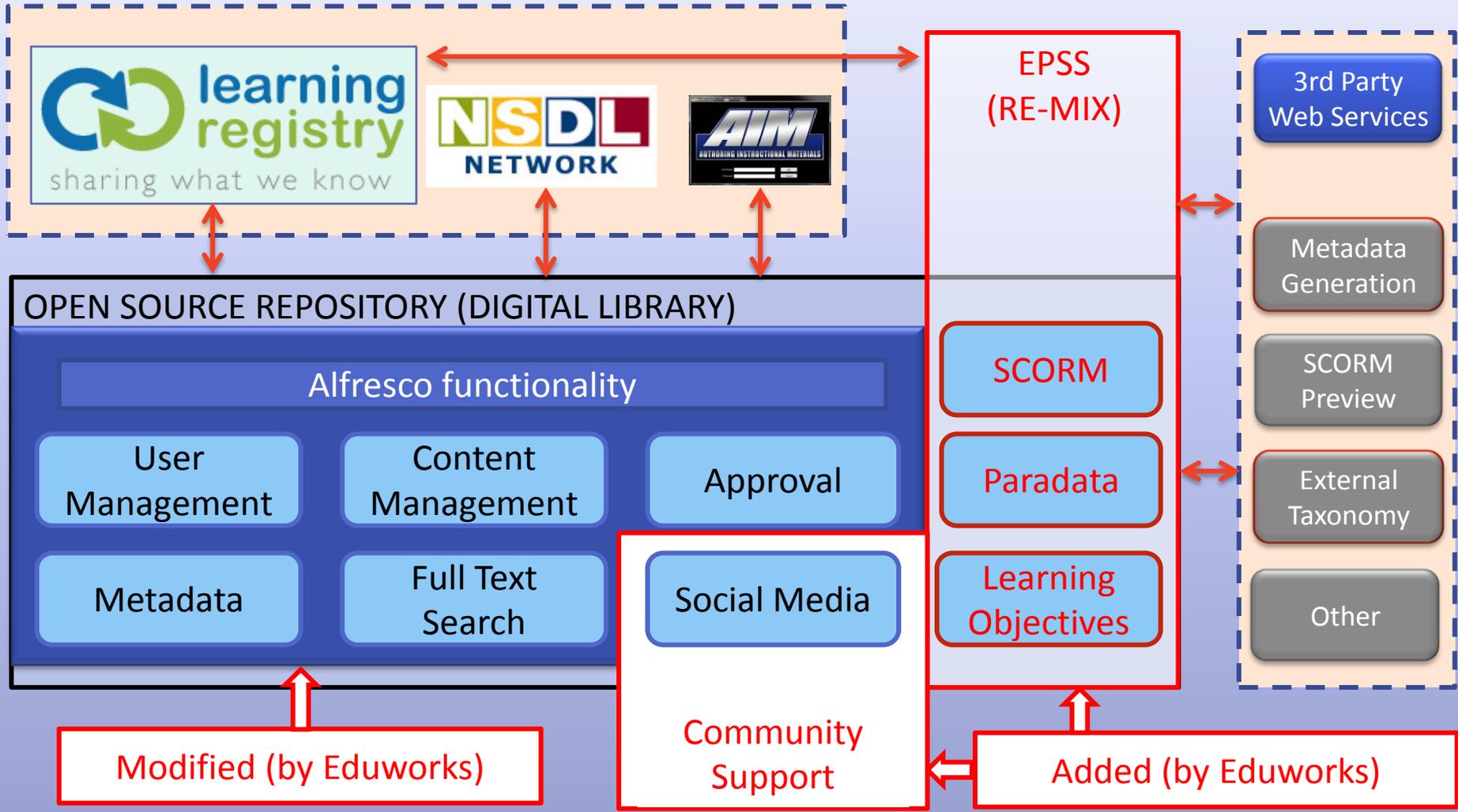
Open Source Stack Comprises Alfresco, MySQL, Red Hat, Zimbra, JBoss and Tomcat

LONDON, UK – December 1, 2009 – Alfresco Software, the leader in open source enterprise content management (ECM), today announced details of the first open source software stack to pass the rigorous U.S. Department of Defense (DoD) 5015.02 standard certification. The certification of the Alfresco Records Management Module on a completely open source stack – including MySQL database and Red Hat Enterprise Linux – enables Alfresco and its partners to extend cost-effective open source tools to support the governance, retention and compliance strategies of federal agencies, government bodies and commercial organizations.

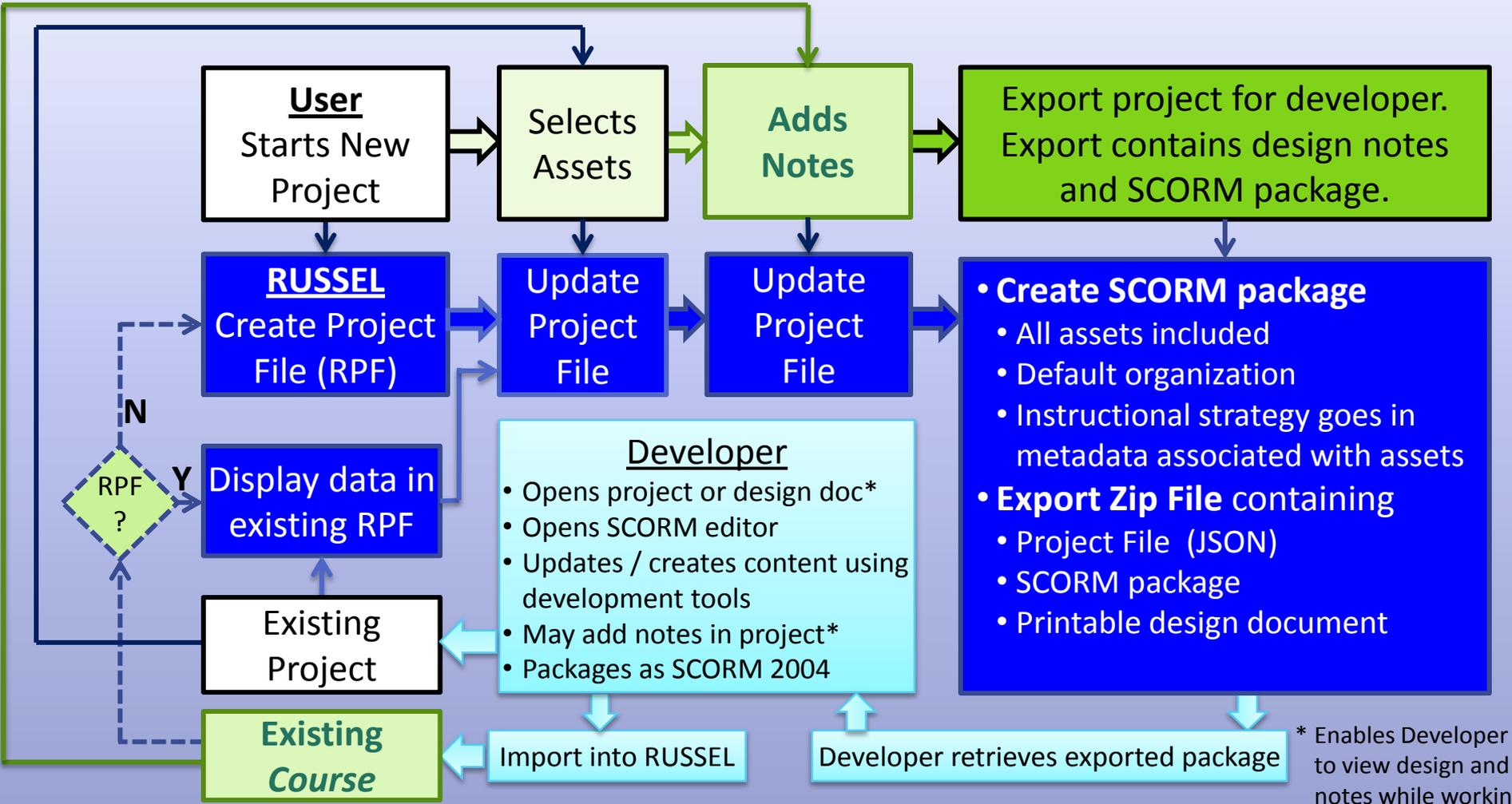
The Alfresco Records Management Module was tested on the following open source software stack:

- Operating System: Red Hat Enterprise Linux (RHEL) 2.6.18
- Database: MySQL 5.0.77
- Email Server: Zimbra 6.0.1 GA
- Web Servers: Apache Tomcat 6.0.18 and JBoss AS 5.1.0 GA
- Web Browser: Mozilla Firefox 3.5

RUSSEL ARCHITECTURE



EPSS Workflow



* Enables Developer to view design and notes while working

DEMO

KEY POINTS

- User Interface paradigm
- Metadata
- SCORM disaggregation
- Instructional Design Workflow

Q&A

THANKS!