



The Open Source Alternative for Enterprise Content Management



Operating System

- ❖ Linux
- ❖ MacOS
- ❖ Unix
- ❖ Windows

Database

- ❖ Any Database Supported by Hibernate including:
- ❖ MySQL
- ❖ Oracle

Application Server

- ❖ JBoss Application Server
- ❖ Apache Tomcat
- ❖ J2SE 5.0 (JRE 5.0)

Browser

- ❖ Firefox
- ❖ Internet Explorer

Portal

- ❖ Liferay
- ❖ JBoss Portal
- ❖ JSR-168

Languages

- ❖ Wide variety including:
- ❖ Chinese
- ❖ Dutch
- ❖ English
- ❖ French
- ❖ German
- ❖ Italian
- ❖ Russian
- ❖ Spanish

Product Update Alfresco Release 1.4

Alfresco Release 1.4 – Business Process and Lifecycle Management

The focus of Alfresco has always been to deliver a broad-based Enterprise Content Management System. In our first major release we chose to focus on document management and collaboration since very little existed in the open source world in comparison to the commercial world. Alfresco 1.4 focuses on delivering the following:

- Business Process and Lifecycle Management
- Full Auditing
- Records Management
- Image Capture Integration
- Performance

Release 1.4 has increased functionality in the areas of:

- Scalability – Large repository optimization
- Administration – Personal administration dashboard, Service Oriented Auditing
- Standards – ODF and RSS
- Customization – JavaScript custom actions, URL “REST” style architecture
- Team Collaboration – Space Notes, Team Email, Workflow Task Management Dashboard
- Integrated Workflow – jBPM integration
- User Interface – MyAlfresco dashboard, Custom Space Portal View
- Records Management
- Image Capture Integration

Scalability

- Large Repository Optimization in multi-million document/asset environments
- Load Optimization
- Folder Management for large numbers of documents
- Lucene Index Optimization, Query Optimization
- White Paper Available - The First Open Source JSR-170 Benchmark

Administration

- Personal Administration Dashboard – Start Screen, Update password, name and email
- Service Oriented Auditing – Audit every service invocation
- Rules Management – Ordering, ignore inherited and disable

Standards Support

- Open Document Format (ODF) – ODF Virtual File System
- RSS – Drag-and-Drop RSS

Technologies Used

- ❖ Java
- ❖ Spring Aspect-Oriented Framework
- ❖ ACEGI – Aspect-Oriented Security Framework
- ❖ MyFaces JSF Implementation
- ❖ Hibernate ORM Persistence
- ❖ Lucene Text Search Engine
- ❖ JLAN
- ❖ POI File Format Conversion
- ❖ PDFBox – PDF Conversion
- ❖ OpenOffice
- ❖ jBPM
- ❖ Rhino JavaScript engine

Supported Interfaces

- ❖ CIFS/SMB Microsoft File Share Protocol
- ❖ JSR-168 Portlet Specification
- ❖ JSR-127 Java Server Faces
- ❖ FTP
- ❖ WebDAV
- ❖ Web Services
- ❖ REST

Customization

- Custom Actions – JavaScript support for custom actions with simple menu integration
- URL Access to all Actions – “REST” style architecture
- Extended JavaScript capabilities – Including checkin/out, transformation, template rendering

Content Contribution

- CIFS and FTP Performance – Unique name optimization moved to database

Team Collaboration

- Email Space Team – Simple Team email distribution
- Space Note – Custom View Space Description

Integrated Workflow

- jBPM Integration – Complex workflow support. JavaScript action integration for lifecycle management support
- Integrated MyTasks View – Dynamic data collection
- Full Audit Control

User Interface

- MyAlfresco Personal Dashboard – Wizard support to personalize default view through selection of Dashboard components
- Dashboard Component Support – Freemarker, JSP and URL
- Custom View – Custom Space Portal view

Records Management

Alfresco has added a number of features to manage electronic records to the basic repository functionality. Our intention is to get to the DOD 5015.2 certification later 2006/early 2007. 1.4 adds some critical features:

- Extended Rule Activation – Schedule, content and metadata change based activation. Important for managing retention dates and managing document lifecycles
- Retention and Archival Policies – Soft delete and purge
- DOD 5015.2 Type Definitions
- Fileplan Support – Fileplan, file name and the management of records categories is supported through JavaScript
- Service Oriented Auditing – Audit of every service invocation to a database table with dashboard access. E.g. Execute Action, Checkout, Rename, Enable Rule, Create Authentication, Set Permission

Image Capture Integration

- Kofax Integration – Kofax release script support

Other Features

- AJAX Infrastructure and examples



Alfresco

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