ACS 7.3 GENERAL AVAILABILITY

- Release scheduled **November 14th**
- **Highlights**
  - First version built with **Java 17** (despite **Java 11** is still supported)
  - First version supporting **Angular 14** for ADF
  - New REST API endpoints related to **Actions**
  - 20+ Bugs fixed
  - 2 Security patches
  - (Enterprise) Support for Elasticsearch **and** OpenSearch
  - (Enterprise) Activiti Web Console has been removed
- Stay tuned at Alfresco Hub and Alfresco website for release note and download

<table>
<thead>
<tr>
<th>Service</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfresco Content Services</td>
<td>7.3.0</td>
</tr>
<tr>
<td>Alfresco Share</td>
<td>7.3.0</td>
</tr>
<tr>
<td>Alfresco Transform</td>
<td>2.6.0</td>
</tr>
<tr>
<td>Alfresco Office Services</td>
<td>1.5.0</td>
</tr>
<tr>
<td>Alfresco Content Application</td>
<td>3.1.0</td>
</tr>
<tr>
<td>Alfresco Search Services</td>
<td>2.0.5</td>
</tr>
<tr>
<td>ActiveMQ</td>
<td>5.17.1</td>
</tr>
<tr>
<td>Postgres</td>
<td>14.4</td>
</tr>
<tr>
<td>Maven SDK</td>
<td>4.5</td>
</tr>
<tr>
<td>Java SDK</td>
<td>5.2</td>
</tr>
</tbody>
</table>
LET’S TALK ABOUT SOFTWARE UPGRADES

▪ In resume
  • You upgrade to reduce security risks
  • You upgrade to improve solution integration
  • You upgrade to the release that has proven reliability
  • You prefer to stay one, two or more releases behind the current release to ensure stability — but that could be at the cost of not taking advantage of improved security and new features
  • You desire additional support and enablement documentation with each release to help upgrades run smoother

▪ See the results in detail on the Hub
UPDATE ON AARM AND DOCKER DESKTOP

- AARM
  - [github.com/aborroy/alfresco-dockerx-builder](https://github.com/aborroy/alfresco-dockerx-builder)
  - Running Alfresco on Apple M1 chips
  - Progress is being made, tests and feedback welcome

- Docker Desktop Extension
  - [github.com/AlfrescoLabs/alfresco-docker-extension](https://github.com/AlfrescoLabs/alfresco-docker-extension)
  - Main pull request has been merged
  - Build to come
TTL SPEAKERS WANTED!

Topics
- Open source projects
- Showcase of your best work
- Tips and tricks
- Discussions on best practices
- Technical talk and demos only!
- About Alfresco & Nuxeo or associated technologies
- And more! Just pitch it to the team

Benefits for Speakers
- Visibility in the ecosystem
- Goodies
- And other advantages
Alfresco Process Automation (APA)

- Alain ESCAFFRE
- AVP, Product Management
Update on Alfresco Process Automation

TTL – DEC 2023

Alain Escaffre
AVP, Product Management, Platform
AGENDA

- Alfresco Process Automation in a nutshell
- Product update
- Future
ALFRESCO PROCESS AUTOMATION IN A NUTSHELL
SHIFTS IN THE MARKET

Content → Information
- Expanding into more diverse types of content and information
- Differentiation at ability to manage at extreme scale

BPM → Hyperautomation
- “Surround” end-to-end business challenges like Lead to Cash and Supply Chain
- Must tie multiple 3rd party systems, departmental processes together
- Increasing need for performance

Search / Analytics → Actionable Insights
- Insights include decision support, content and process automation
- Persona-based insights are more valuable than generic AI/ML
## WHY ALFRESCO PROCESS AUTOMATION

### Challenges?
- Customer and Employee experience needs to be re-invented in increasingly shorter amount of time
- Information gets siloed in more systems than ever due to raising number of SaaS applications, making it complex to build transversal business processes
- IT industry faces dramatic skills shortage
- Competition is accrued with high level of innovation in leveraging data

### Who?
- CEO, CIO, Digital transformation officers looking for empowering their teams to increasing business demand for new projects
- Departmental tech savvy teams looking for agile ways of creating value

### What?
- Low Code application building
- Agile and touchless application lifecycle management
- Cloud Connectivity
- AI and ML empowerment
MARKET SEGMENTS

VERTICAL SOLUTIONS

Financial Services
- Account payable, Accounts Receivable
- Credit/Loan processing
- Underwriting (mortgage lender's process)

Banking
- Banking service requests,
- Claims handling
- Client Onboarding
- Fraud investigation

Public Sector
- Appeal process
- Tax collection processes
- RFP processes
- Hunting permit, licensing (i.e. alcohol, fishing…)

Manufacturing
- Engineering document transmittal

Publishing
- Content creation, approval, publication, archival

HORIZONTAL SOLUTIONS

- HR processes
- Finance processes (AP, AR, Expenses)
- Policies & Procedures
- Incident Management
- Marketing collateral processes
- Sales processes
- Legal processes (Contract Management)
- Engineering processes
3 MAIN COMPONENTS

BUILD

DEPLOY/MONITOR

WORK

Modeling Env.

Admin App.

Digital Workspace(s)
### OVERVIEW OF CURRENT END USER APPLICATION

#### Alfresco Digital Workspace

**Tasks**

- **My Tasks**
  - 4 tasks
  - Queued Tasks: 0
  - Completed Tasks: 0

**Process Management**

- Processes
  - Running
  - Completed
  - All

- Shared
- Recent Files
- Favorites
- Trash

---

#### Task List

<table>
<thead>
<tr>
<th>Name</th>
<th>Status</th>
<th>Assignee</th>
<th>Completed By</th>
<th>Created Date</th>
<th>Last Modified</th>
<th>Due Date</th>
<th>Priority</th>
</tr>
</thead>
<tbody>
<tr>
<td>task 1</td>
<td>ASSIGNED</td>
<td>superadminuser</td>
<td>9 minutes ago</td>
<td>9 minutes ago</td>
<td></td>
<td></td>
<td>None</td>
</tr>
<tr>
<td>display content</td>
<td>ASSIGNED</td>
<td>superadminuser</td>
<td>4 hours ago</td>
<td>4 hours ago</td>
<td></td>
<td></td>
<td>None</td>
</tr>
<tr>
<td>display content</td>
<td>ASSIGNED</td>
<td>superadminuser</td>
<td>6 hours ago</td>
<td>6 hours ago</td>
<td></td>
<td></td>
<td>None</td>
</tr>
</tbody>
</table>
Low-code App Dev Experience

The Modelling Application is the environment to quickly build content-centric applications with visual editors for:

- BPMN Processes
- Web Forms
- Custom Form Controls
- DMN Decision Tables
- JS Scripts
- OOTB Connectors
- UIs
- Triggers
- Content Models
APA Application Lifecycle

1. Release project
2. Deploy or upgrade application
3. Test application
4. Changes need to be made in DEV ENV (unless config changes)
5. Promotion to STAGING ENV
6. Promotion to PROD ENV
Intelligent Document Processing with AWS AI Connectors

A set of out-of-the-box AI connectors to easily perform automated AI-driven metadata extraction, content tagging and workflow decisioning with human review when needed. Example use cases:

• Automatically recognise and validate specific document types, places or people in images, apply correct metadata and route the flow accordingly
• Automatically detect personally identifiable information (PII), apply security marks and trigger human review when confidence level is low
• Automatically extract important metadata out of scanned documents (invoices, IDs, forms, etc...)
• Automatically speech to text podcasts and categorize transcripts
• And much more
Extending Through Connectors
WE LISTEN TO OUR CUSTOMERS
Digital Workspace users needed more flexibility within the task and process list and form layouts. They also wanted the facility to upload and track versions of attached files.

- They can now **customize the task and process lists**, show or hide specific columns or change the order of columns on the screen, providing improvements in locating information relevant to business needs and improved efficiency.

- **Attached files can now be updated with versions changes trackable.**

- Technical process data can be hidden, so that Digital Workspace users are not exposed to irrelevant information creating a cleaner Workspace.

- Modellers can configure the position of form field labels on the left, or on top of the form, tailoring the use of space and the user journey to the specific business configuration and needs.

- **The modelling app now provides previews of different screen sizes**, for simulating different device types.

https://alfresco.allassian.net/wiki/spaces/PM/pages/976748545/Alfresco+Process+Automation+7.4.0
### Filtering Task Lists

The image shows a task management interface in Alfresco Digital Workspace. The interface allows users to filter and customize their task lists. The table displays a list of tasks with columns for Name, Status, Assignee, Completed By, Created Date, Lost Modified, Due Date, and Priority. Here are the details of the tasks:

<table>
<thead>
<tr>
<th>Name</th>
<th>Status</th>
<th>Assignee</th>
<th>Completed By</th>
<th>Created Date</th>
<th>Lost Modified</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>UserTaskToShowRestResult</td>
<td>ASSIGNED</td>
<td>huser</td>
<td></td>
<td>5 hours ago</td>
<td>5 hours ago</td>
<td></td>
</tr>
<tr>
<td>UserTaskToShowRestResult</td>
<td>ASSIGNED</td>
<td>huser</td>
<td></td>
<td>5 hours ago</td>
<td>5 hours ago</td>
<td></td>
</tr>
<tr>
<td>taskSimple</td>
<td>ASSIGNED</td>
<td>huser</td>
<td></td>
<td>5 hours ago</td>
<td>5 hours ago</td>
<td></td>
</tr>
<tr>
<td>taskSimple</td>
<td>ASSIGNED</td>
<td>huser</td>
<td></td>
<td>5 hours ago</td>
<td>5 hours ago</td>
<td></td>
</tr>
</tbody>
</table>

The interface includes a filter section where users can customize their view. The columns can be selected or deselected as needed. The current columns visible in the screenshot are Name, Status, Assignee, Completed By, Created Date, Lost Modified, and Due Date. The Priority column is not selected.
Defining if Process Variable is available in the application
APA 7.5 RELEASED

- A pre-defined "Application Manager" role is available OOTB, and can be assigned to any user, from the Admin app, with pre-defined permissions for Process Admin, Process Instances and User Tasks. Providing a predefined role for ease of appointing permissions to users with similar access requirements.

- **Multiple tabs within the Modeling Application**, enables the user to view, work on and switch across multiple processes.

- **The print facility has been improved from customer feedback**. Printing all the relevant task form information consistently and removing unnecessary web page elements.

- **Users can now quickly locate recently started processes**, helping them locate new tasks faster.

- If you have accidentally started a process, or were running tests, you can now completely delete a process instance, and all associated data from the Admin app, regardless of the state the process is in.

- A simple multi-line text editor **provides a Form Designer with the ability to add html to forms**, for example, to add some additional design layout, a bold warning message, or create a button for a custom function.
Admin users can now export audit logs in csv format, helping to review, trace events and fulfill legal data and compliance obligations.

Process Admins can select a default app, saving navigation time when switching between Process Instances, User Tasks, Service Tasks and Audit views.

Admin app users configure columns displayed in the Process instances and User tasks pages to customize the view according to their preferences, creating more flexibility to improve usability.

The Modeling Application user can select automatic task assignment. Tasks will then be assigned to the next user from a predefined list of candidates, removing the need to spend time allocating tasks to team member manually.

Modeling Application users are able to search for element in the project tree.

Modelling Application users can specify the position of radio buttons in forms, either horizontally or vertically, depending on preference.
Multiple Tabs in the Modeling Application
Recently Started Processes

New process

Search

Recently used

Request a PO
Submit a request to the finance department to issue PO to a vendor

Legal

Request a PO
Submit a request to the finance department to issue PO to a vendor

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Submit a request to the finance department to issue PO to a vendor
Process variable displayed as a column in the admin application:
The Admin Application has the ability of displaying the process variable marked as available in the web application as a column in the processes and tasks views.

Ability of retrieving the assignee of the user task. A new predefined form variable “sys_task_assignee“ has been created. It can be mapped to the process variable. It allows the retrieving of the user task assignee in the script task.

It is now possible to recognize which user in the candidate group claimed the task

Bulk reassignment of the User Tasks. In the User Tasks view, the Admin Application user is able to reassign multiple user tasks at the same time from one user to another user

REST connector support for files. The Modeling Application user can use the Rest Connector to send files. The file process variable can be mapped to the Rest Connector request Payload

Improved deployment service - no need to update existing authentication credentials
<table>
<thead>
<tr>
<th>Last name</th>
<th>First name</th>
<th>Task Name</th>
<th>Status</th>
<th>Created Date</th>
<th>Last Modified</th>
<th>Parent ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smith</td>
<td>John</td>
<td>HR approval</td>
<td>ASSIGNED</td>
<td>3 minutes ago</td>
<td>3 minutes ago</td>
<td></td>
</tr>
<tr>
<td>Dutton</td>
<td>John</td>
<td>manager approval</td>
<td>ASSIGNED</td>
<td>3 minutes ago</td>
<td>3 minutes ago</td>
<td></td>
</tr>
<tr>
<td>Smith</td>
<td>John</td>
<td>manager approval</td>
<td>COMPLETED</td>
<td>4 minutes ago</td>
<td>3 minutes ago</td>
<td></td>
</tr>
</tbody>
</table>
Configurable task view with custom workflow attributes.
ALFRESCO PROCESS SERVICES ROADMAP

Next

• More possibilities around dynamic tasks assignments
• Application roles
• More rules for the low code form tool building
• Process analytics
• Test and debug faster
• Improved Rest Connector
FUTURE
APA technological stack is at the core of Hyland product strategy.
Major investments on the technology

Hyland Low Code Platform

NoSQL most scalable content repository of the market

Application Design
Custom UI
No Code point and click composition
Templates

Cloud orchestration
More out of the box SaaS apps connectors
Custom Connectors
RPA integration

Data Analytics and ML Platform