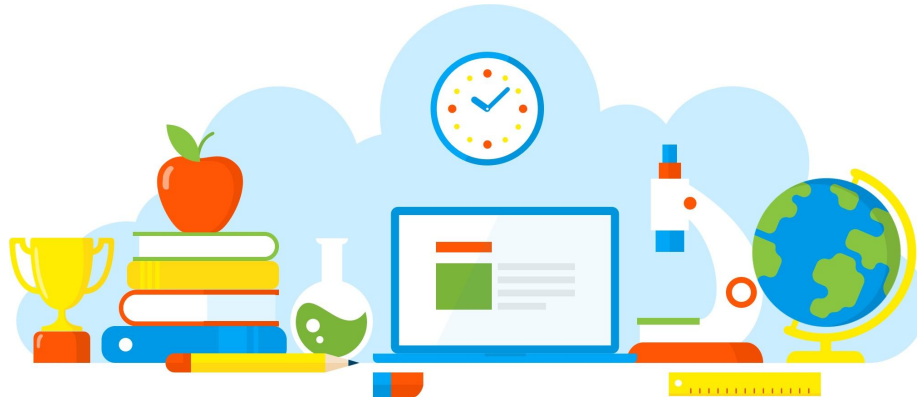




Alfresco Virtual Hackathon 2020

[Venizia's](#) project proposal description

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Introduction

With the aim to develop, build and share some new component/page for ADF/ACA frameworks, Venezia's [AQuA](#) team (with strong background with such technologies) will work to improve search experience, adding new section in search results to show highlighted matched terms and providing highlighted text for content preview (for PDF formats at least) too.

Project members

[Javier Martínez Rojo](#) (PM)

[Horelvis Castillo Mendoza](#) (AQuA/Solr/PDF.js)

[Roberto Gámiz Sanchez](#) (AQuA/Solr)

Project description

The main target is to “migrate” Share highlight terms in search results adding this capability to content preview (pdf.js viewer).

Current Share Behaviour :

The screenshot shows the Microsoft SharePoint search interface. The top navigation bar includes links for Home, My Files, Shared Files, Sites, Tasks, People, Repository, Admin Tools, and Debug Menu. The user is logged in as Administrator. The search bar shows the query 'budget' with 8 results found. The results are filtered by Creator (Mike Jackson: 7, Alice Beecher: 1), File Type (Microsoft Word: 2, HTML: 2, Microsoft Excel: 1), Size (0 to 10KB: 2, 10 to 100KB: 3), and Modifier (Mike Jackson: 5, Administrator: 3). The search results list includes:

- budget.xls** (Web Site Design - Budget) - Budget file for the web site redesign. Modified over 6 years ago by Mike Jackson. Size: 26 KB. Site: Sample: Web Site Design Project. In folder: /Budget Files.
- Budget** - New Web Site Design Costs Estimate...
- Budget Files** (Project finance files) - This folder holds the project budget and invoices. Modified over 6 years ago by Mike Jackson. Site: Sample: Web Site Design Project.
- 42fcb66-b1fe-4028-9f85-9ad7f81a8e3b** - Modified over 5 years ago by Administrator. Site: Sample: Web Site Design Project.
- budget.xls discussion** - Modified over 6 years ago by Mike Jackson. Site: Sample: Web Site Design Project. In folder: /Budget Files/budget.xls.
- Meetings** - Modified over 5 years ago by Administrator. Size: 2 KB. Site: Sample: Web Site Design Project. "number 2 Set budget for images Reworked project..."
- Milestones** - Modified over 5 years ago by Administrator. Size: 3 KB. Site: Sample: Web Site Design Project. "2011 3 Provisional budget set and agreed 17th..."
- Meetings Notes 2011-01-27.doc** (Meetings Notes, 2011-01-27.doc)

Expected [AQuA](#)/ACA/ADF behaviour :

The screenshot shows the AQuA search interface. The top bar is blue with the AQuA logo on the left and a search bar on the right containing the text 'alfresco'. Below the search bar, there's a 'Search Results' section. On the left, there's a sidebar with various filters: Size, Created date, File type, Creator, Modifier, Location, and Modified date. Each filter has a dropdown arrow. Below these filters, there's a 'Filter category' section with three checkboxes: 'This month (1)', 'In the last 6 months (3)', and 'This year (3)'. The main area displays '5 results found' and a list of search results. The first result is 'Alfresco 5 - Workshop.pptx', modified on Sep 30, 2019, by Javier Martínez Rojo, with a size of 4.2 MB. The second result is 'Alfresco_Content_Services-5.2.3.pdf', modified on Oct 17, 2019, by Javier Martínez Rojo, with a size of 379.61 KB. The third result is 'sample 3.png', modified on Mar 3, 2011, by Alice Beecher, with a size of 342.01 KB. The fourth result is 'sample 2.png', modified on Mar 3, 2011, by Alice Beecher, with a size of 366.6 KB. The fifth result is 'search-documents.post.json.ftl', modified on Oct 1, 2019, by Javier Martínez Rojo, with a size of 1.79 KB.

The screenshot shows the 'Alfresco_Content_Services-5.2.3.pdf' document. The title is 'Alfresco Content Services, version 5.2.3 Release Notes'. The date is '28 February 2018'. The text states: 'The following notes provide detailed information on the 5.2.3 service pack for Alfresco Content Services.' The document is divided into sections: 'Overview', 'Localisation', and 'Installation and Configuration'. The 'Overview' section states: 'This service pack for Alfresco Content Services includes the latest fixes for ACS 5.2.' The 'Localisation' section states: 'This release includes: French, German, Italian, Spanish, Japanese, Dutch, Norwegian (Bokmål), Russian, Brazilian Portuguese and Simplified Chinese versions.' The 'Installation and Configuration' section states: 'Detailed installation and upgrade instructions for a variety of deployment configurations is available in the official documentation for Alfresco Content Services.' It also mentions: 'To upgrade from a release of Alfresco Content Services prior to 5.2.0, follow the documented repository upgrade process.' and 'To apply this service pack to a previous release of Alfresco Content Services 5.2, it is recommended to follow the repository upgrade process. This ensures a consistent environment after the upgrade and provides a clean method of roll-back if necessary. Administrators might prefer to upgrade each component of the repository manually, which can be done by using the VERSIONS.md file included in the distribution archive of this service pack along with the documentation.' There are three bullet points: 'Please backup your database and content store (alf_data directory) prior to installation.', 'Please note that it's important to install the same combination of Alfresco-supplied modules (AMPs) as you had previously. To do so using the Installation Wizard, choose the "Advanced" mode.', and 'Note that some installation instructions may have changed since the previous service pack so carefully re-read the instructions for your application server.' The document concludes with: 'Please refer to the Supported Platform page on the Alfresco web site for a listing of what deployment stacks are supported.'

Product related Skills

All participants will need to have skills in one involved technology at least :

- Angular.
- Alfresco Development Framework and/or Alfresco Content Application
- Solr.
- PDF.js

High level tasks

1. Reverse engineering to use similar Share highlight strategy for search results.
2. Extension and Development for related ADF search components as Angular Lib.
3. Extension and Development for PDF.js viewer.
4. ACA Lib integration.
5. Test, packaging and distribution.