

# Leveraging search in Share

Hans De Bal, Amplexor

# Agenda

- Current search result page
- Introducing table view
- Configurable columns
- Facets per document type
- Saved searches
- Export to Excel





# Search result page

How it looks OOTB

# Current search result page (1)

Search in: Repository ▾

Q project ▾

Q Search

Filter by:

## ▼ Creator

Mike Jackson 14

Alice Beecher 5

## ▼ File Type

HTML 3

Microsoft PowerPoint 2

Microsoft Word 1

Adobe PDF Document 1

## ▼ Size

0 to 10KB 3

10 to 100KB 1

100KB to 1MB 1

1 to 16MB 2

## ▼ Modifier

Mike Jackson 11

Administrator 5

Alice Beecher 3

☐ ▾ Selected Items... ▾ 19 - results found



### Project Contract.pdf (Project Contract for Green Energy) ⓘ

Contract for the Green Energy project

Modified over 6 years ago by Administrator | Size:373 KB | Site: Sample: Web Site Design Project

In folder: /Agency Files/Contracts



### Project Overview.ppt (Project Overview.ppt) ⓘ

Modified over 6 years ago by Mike Jackson | Size:3 MB | Site: Sample: Web Site Design Project

In folder: /Presentations

"Web Site Redesign Project Overview ↗ Agenda Objectives Market Analysis Technology Review..."



### Project Objectives.ppt (Project Objectives.ppt) ⓘ

Modified over 6 years ago by Mike Jackson | Size:2 MB | Site: Sample: Web Site Design Project

In folder: /Presentations

"Web Site Redesign Project Objectives ↗ Agenda Technology Increase Site Usability Improve Site..."



### Invoices (Project invoices) ⓘ

This folder holds invoices for the project

Modified over 6 years ago by Mike Jackson | Site: Sample: Web Site Design Project

In folder: /Budget Files

# Current search result page (2)


Zoeken in: Repository ▾

🔍 project ▾ Zoeken


Filteren op:

- ▼ **Maker**
  - Mike Jackson 14
  - Alice Beecher 5
- ▼ **Bestandstype**
  - HTML 3
  - Microsoft PowerPoint 2
  - Microsoft Word 1
  - Adobe PDF Document 1
- ▼ **Grootte**
  - 0 - 10 kB 3
  - 10 - 100 kB 1
  - 100 kB - 1 MB 1
  - 1 - 16 MB 2
- ▼ **Gewijzigd door**
  - Mike Jackson 11
  - Administrator 5
  - Alice Beecher 3


☐ ▾ Geselecteerde item... ▾ 19 - resultaten gevonden



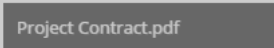
Contract for Redesign of Corporate Web Site



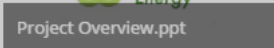
Web Site Redesign  
Project Overview



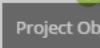
Web Site Redesign  
Project Overview



Project Contract.pdf




Project Overview.ppt



Project Overview.ppt

Project Contract.pdf



**Project Contract.pdf** (Project Contract for Green Energy) 1.1  
meer dan 6 jaar geleden gewijzigd door Administrator373 KB  
Contract for the Green Energy project

★ Favoriet | 👍 Vind ik leuk 0 | 💬 Opmerkingen 0 | ➦ Delen

☰ ↓

Name ▾ ⚙️ ▾

- Relevance
- ✓ Name
- Title
- Description
- Author
- Modifier
- Modified date
- Creator
- Created date
- Size
- Mime type
- Type



# Table view

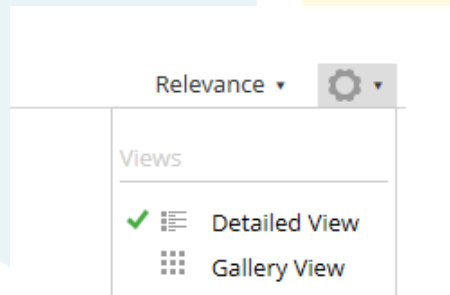
Change the display view

# Table view (1)

<https://community.alfresco.com/community/ecm/blog/2015/04/01/adding-views-to-filtered-search/>

(Thank you Dave!)

- Extend faceted-search.get.js
- Add new widget to “FCTSRCH\_SEARCH\_RESULTS\_LIST”
- name: "alfresco/documentlibrary/views/AlfTableView“
- Optional: extend alfresco/documentlibrary/AlfSearchList or alfresco/services/SearchService to request more data from back-end



## Table view (2)

Document name	Document type	Created by	Creation date
ReqDesc MW V0_7.docx	NBI	Administrator	05/10/2016
upgrade VlaBra - nota-0001.eml	Certificate/Policy	Bank-Team User 1	20/06/2016
Re- Our registration for Case Modelling en CMMN in de-....eml	Mail	Administrator	13/09/2016
Announcement- Upcoming Partner Events.eml	Mail	Administrator	19/10/2016
Amplexor_ANNEX_1_Requirements Table_v1.1.xlsx	Fidat	Market-Window User 1	05/10/2016
Cisco Commands.txt	Request	Bank-Team User 1	14/09/2016
VSM IS_BT_SingleLC_v0_2.xlsx	Control document	Market-Window User 1	05/10/2016





# Configurable columns


User-defined columns

# Configurable columns (1)


Searchresult-page = Aikau and Aikau-pages are described using JSON

Hardcoded widgets? → Dynamically fetched from back-end based on user-name

```
remote.call("/api/ampx/acm/search/columns?configName="+configName);
```

 Repository > Data Dictionary > Search Config

☐



abeecher-default-columns-config.json

Modified a minute ago by Administrator 1 KB

No Description

No Tags


★ Favorite

👍 Like 0

💬 Comment

➦ Share

☐



abeecher-sop\_docs-columns-config.json

Modified a minute ago by Administrator 1 KB

No Description

No Tags

★ Favorite

👍 Like 0

💬 Comment

➦ Share

# Configurable columns (2)

```
[
{
  "name": "alfresco/renderers/Selector",
  "label": "",
  "sortable": false
},
{
  "name": "alfresco/renderers/PropertyLink",
  "label": "label.name",
  "sortable": true,
  "sortValue": "cm:name",
  "config": {
    "propertyToRender": "node.properties.cm:name",
    "publishTopic": "ALF_NAVIGATE_TO_PAGE",
    "publishPayloadType": "PROCESS",
    "publishPayloadModifiers": ["processCurrentItemTokens"],
    "useCurrentItemAsPayload": false,
    "publishPayload": {
      "url": "document-details?nodeRef={node.nodeRef}",
      "type": "PAGE_RELATIVE",
      "target": "NEW"
    }
  }
},
...
]
```

```
result = remote.call("/api/ampx/acm/search/columns?configName="+configName);
columnsConfig = JSON.parse(result);
headerWidgets.push({
  name: "alfresco/lists/views/layouts/HeaderCell",
  config: {
    label: columnsConfig[i].label,
    sortable: columnsConfig[i].sortable,
    sortValue: (columnsConfig[i].sortValue ? columnsConfig[i].sortValue : null)
  }
});

cellWidgets.push({
  name: "alfresco/lists/views/layouts/Cell",
  config: {
    additionalCssClasses: "mediumpad",
    widgets: [
      {
        name: columnsConfig[i].name,
        config: columnsConfig[i].config
      }
    ]
  }
});
```

# Configurable columns (3)

How to make it configurable for end-users?

Column management

Please select a column configuration

Available columns	Selected columns
Content (cm:content)	Selector
Type (acm:typeName)	Indicators
Modifier (cm:modifier)	Name (cm:name)
Created Date (cm:created)	Status (acm:status)
Last Accessed Date (cm:accessed)	ID (acm:id)
Modified Date (cm:modified)	Servers (sales:Servers)
	Creator (cm:creator)
	Actions

Save

# Configurable columns (4)

Selected columns
Selector
Indicators
Name (cm:name)
Status (acm:status)
ID (acm:id)
Servers (sales:Servers)
Creator (cm:creator)
Actions

Please select a renderer

alfresco/renderers/PropertyLink

Extends the Property renderer to provide a linked property.

## Column Header Parameters

Column Header Label ?

label.name

☒ Sortable ?

## Column Field Parameters

propertyToRender ?

node.properties.cm:name

☐ deemphasized ?

label ?

# User-defined columns (5)

		Name	Creator	Created date	Modifier	Modified date
<input type="checkbox"/>		100	Administrator	Tue 6 Dec 2016 15:50:14	Administrator	Fri 27 Jan 2017 11:24:35
<input type="checkbox"/>		200	Administrator	Tue 17 Jan 2017 10:54:54	Administrator	Tue 17 Jan 2017 10:54:54
<input type="checkbox"/>		2001	Administrator	Fri 27 Jan 2017 11:29:47	Administrator	Fri 27 Jan 2017 11:29:47
<input type="checkbox"/>		250	Administrator	Mon 19 Dec 2016 13:50:45	Administrator	Mon 19 Dec 2016 13:50:45
<input type="checkbox"/>		260	Administrator	Mon 19 Dec 2016 13:55:42	Administrator	Mon 19 Dec 2016 13:55:42

		Name	Caseowner	Status	Created date
<input type="checkbox"/>		100	Alice Beecher	Open	Thu Apr 20 2017 11:25:14
<input type="checkbox"/>		200	Alice Beecher	Waiting approval	Tue Jan 17 2017 10:54:54
<input type="checkbox"/>		2001	Mike Jackson	Closed	Thu Apr 20 2017 11:26:44
<input type="checkbox"/>		250	Mike Jackson	Approved	Mon Dec 19 2016 13:50:45
<input type="checkbox"/>		260	Alice Beecher	Approved	Mon Dec 19 2016 13:55:42



# Facets per type

Define facets per document type

# Facets per type (1)

- NOW: Facets available everywhere or per site
- For advanced search
- Extend faceted-search-config.get.js
- Add aspect to OOTB facet-type (srft:facetField)
- Extend faceted-search.get.js

Minimum Required: 1

Results: Select the minimum number of matches a filter result must have to be shown.

Types:

- Type name: Alfresco Case (x) (✓)

Select and save a type.

(+)

Add and select types the filter will be available in.

Filter Availability: Everywhere

Select where the filter will be available.

Save Cancel



# Facets per type (2)

- faceted-search-config.get.js

```
/* new widget injected before last 2 widgets, in front of the scope */
createFacetButton.config.publishPayload.widgets.splice(-2, 0, {
  id: "FORM_SCOPED_TYPES",
  name: "alfresco/forms/controls/MultipleEntryFormControl",
  config: {
    fieldId: "SCOPED_TYPES",
    name: "scopedTypes",
    value: "",
    label: "faceted-search-config.scopedTypes.label",
    description: "faceted-search-config.scopedTypes.description",
    useSimpleValues: true,
    widgets: [
      {
        name: "alfresco/forms/controls/DojoSelect",
        config: {
          fieldId: "SCOPED_TYPES_TYPE",
          name: "value",
          value: "",
          label: "faceted-search-config.scopedTypes.type.label",
          description: "faceted-search-config.scopedTypes.type.description",
          optionsConfig: {
            fixed: availableTypes
          }
        }
      }
    ],
    valueDisplayMap: availableTypes
  }
});
```

# Facets per type (3)

- faceted-search.get.js

```
// If a type is passed, check the facet's scoped types (if any)
var type = page.url.args.type;
if (facet.scopedTypes != null && facet.scopedTypes.length != null)
{
    includeFacet = false;
    if (type != null)
    {
        // Could be one or more types
        var types = type.split(',');
        for (var i=0; i<facet.scopedTypes.length; i++)
        {
            if (types.indexOf(facet.scopedTypes[i]) > -1 && inScopedSite == true)
            {
                includeFacet = true;
                break;
            }
        }
    }
}
```



# Saved searches

Private and public saved searches

# Saved searches (1)

Saved search dashlet

Enter Search Term

Search Term:

Project

\*

Title:

Search on "Project"


Number of results to display:


10


▼


OK

Search on "Project"

Project Contract.pdf  
Document in site Sample: Web Site Design Project  
In folder: /Agency Files/Contracts

Project Overview.ppt  
Document in site Sample: Web Site Design Project  
In folder: /Presentations

Project Objectives.ppt  
Document in site Sample: Web Site Design Project  
In folder: /Presentations

Invoices

# Saved searches (2)

#searchTerm=&query={"prop\_cm\_name":"project","prop\_cm\_title":"","prop\_cm\_description":"","prop\_mimetype":"","prop\_cm\_modified-daterange":"","prop\_cm\_modifier":"","datatype":"cm:content"}&scope=all\_sites&sortField=cm:name  
&sortAscending=true&facetFilters={http://www.alfresco.org/model/content/1.0}creator|abeecher

Field	Meaning	Example value
searchTerm	Entered searchterm	Project
query	Search on metadata	{"prop_cm_name":"project","datatype":"cm:content"}
scope	What is the scope of your search (site of repo)	repo, all_sites or <site>
facetFilters	Which facets are selected	{http://www.alfresco.org/model/content/1.0}creator abeecher
sortField	Field on which to sort	cm_name
sortAscending	Sort descending or ascending	true or false

# Saved searches (3)

Save your search

Save search

Modifier	Modified date	
Administrator	Fri 27 Jan 2017 11:24:35	
Administrator	Tue 17 Jan 2017 10:54:54	
Administrator	Fri 27 Jan 2017 11:29:47	

Save search

Name: \*

Confirm

Cancel

# Saved searches (4)

Overview saved searches

## My reports

Public reports

All invoices in status 'Overdue'

My reports

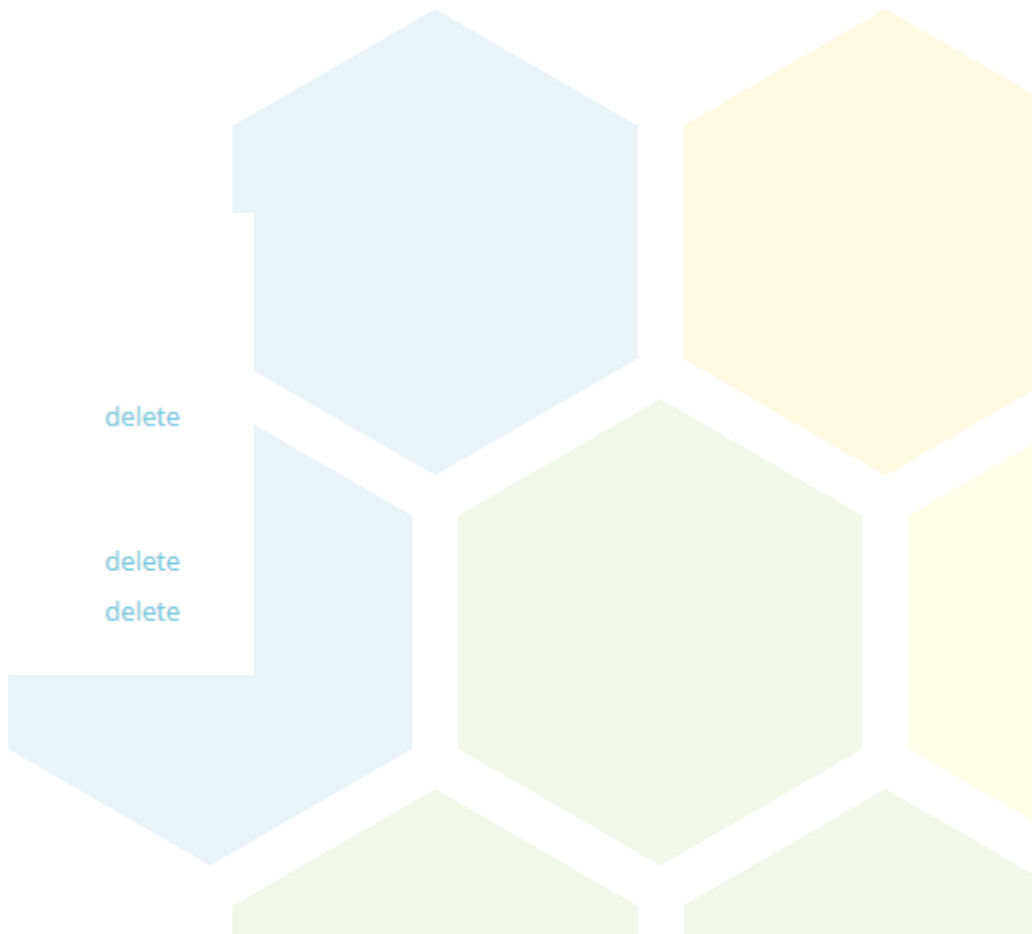
All invoices assigned to me

All invoices with due date next week

delete

delete

delete



# Saved searches (5)

## Relative dates in saved searches

**Reminder type**

- Check decision
- Check embassy response
- Check exportation license reception
- Check insurance/guarantee license reception
- Check premium verification

**Due date**

☐ From:  - To:

☒ Current date  +  14 calendar days

**Creation date**

☒ From:  - To:

☐ Current date  -  0 calendar days

**Closing date**

☒ From:  - To:

☐ Current date  -  0 calendar days

**Closed by**

**Closed**

Yes

No

**Overdue**

Yes

No

**Description**

```
query={"prop_inv_dueDate-range":"ALFTODAY+14"}
```





# Export to Excel

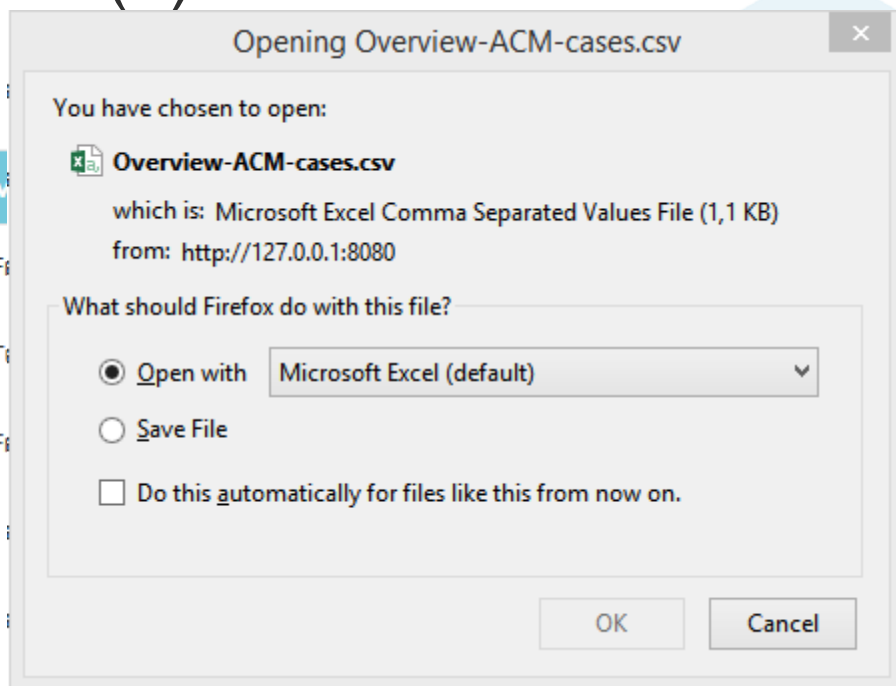
Customers want to export to Excel

# Export to Excel (1)

- Grouping
- Calculations
- Analytics
- Collaborating with “external” users
- ...



## Export to Excel (2)



# Recap

- Table view
- Configurable columns
- Facets per document type
- Saved searches
- Export to Excel





# Questions?

[hans.debal@amplexor.com](mailto:hans.debal@amplexor.com)  
@hdebal