Datatable property type for Alfresco Share

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Why

Because I found useful to store same group of information on the same document mode then once, so I would be able to track, for an example - items on incoming invoice.

It may seem that aspect would do the trick, but aspect can be applied only once.

How

This property control simply gets stored JSON string inside text property and displays JSON object in yui's datatable wiget. On every change of datatable content, control logic updates JSON string and that is saved on document upon meta-data Save.

It's got read and read/write mode, depending on user privileges and current view mode.

This control can be applied to any text field on document.

Package content

- extension/my-model.xml
 - example data-model
- extension/my-model-context.xml
 - example data-model context
- web-extension/share-config-custom.xml
 - example of document's meta-data configuration for Share and how to configure datatable.
- web-extension/site-webscripts/org/alfresco/form/controls/datatable-property.ftl
 - datatable property control

Installation

If you want to use example model, copy my-model.xml and my-model-context.xml files to your 'extension' folder (need to restart alfresco after).

To install control, copy datatable-property.ftl to 'web-extension' folder. This could be placed wherever you like, or you may use the same path as in package examle (this is the path you need to know when you setting up property control inside share-config-custom.xml. (need to refresh Share's scripts after copying files).

Setup

This is done through XML configuration in share-config-custom.xml. To display property on document as datatable, when creating appereance on document, change default text control to "datatable" control. To define datatable columns, add cofiguration to "config" parameter inside control.

To display text property beside datatable, and see JSON string, enable debug mode on "debug" parameter.

From the example:

Example above explains column synthax as well. column id, column label, column type, array of values;

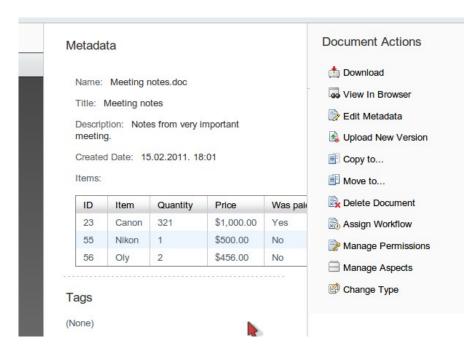
Each column is separated with ';'. List inside XML can be in 1 line only or each column in it's own line. Javascript logic should be able to parse both ways.

Column types are what YUI offers by default:

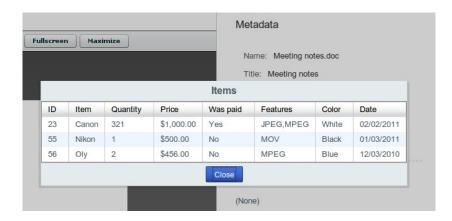
- text
- number
- currency (will format number with currency simbol in front)
- radio (radio buttons with list of option values)
- checkbox (checkbox with list of option values)
- dropdown (with list of dropdown values)
- date

Screenshots

Displaying in read-only when in "view" mode

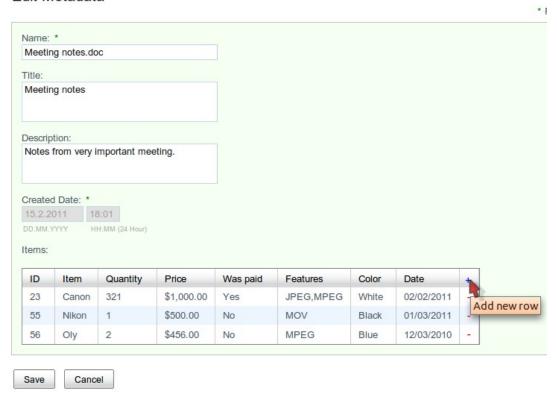


 click on datagid will popup that datatable in a dialog (useful when datatable doesn't fit view mode width



Edit mode

Edit Metadata



How some edit controls work inside datatable



Issues

There's some problems with YUI's datatable library version on Share (/share/yui/*) which is of version 2.7. This wasn't working on Alfresco 3.3g community, not sure if they updated YUI libraries later on.

```
<script type="text/javascript" src="${url.context}/yui/datatable/datatable-
min.js"></script>
```

Solution is to include version 2.8.2r1:

```
<script type="text/javascript"
src="http://yui.yahooapis.com/2.8.2r1/build/datatable/datatable-min.js"></script>
```

If you don't like this to download each time, replace datatable script from Share with this one.