# Learning Alfresco Forms Service By Examples

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- Forms Service (?) Prior to 3.2
  - DM Forms vs. WCM Forms
  - Customization /Extension possible but not easy.

- Forms Service in 3.2
  - First Step towards a SINGLE forms service for all Alfresco products.
  - Easy to extend, customize and package.
  - Community adoption and contribution will be key for its success.
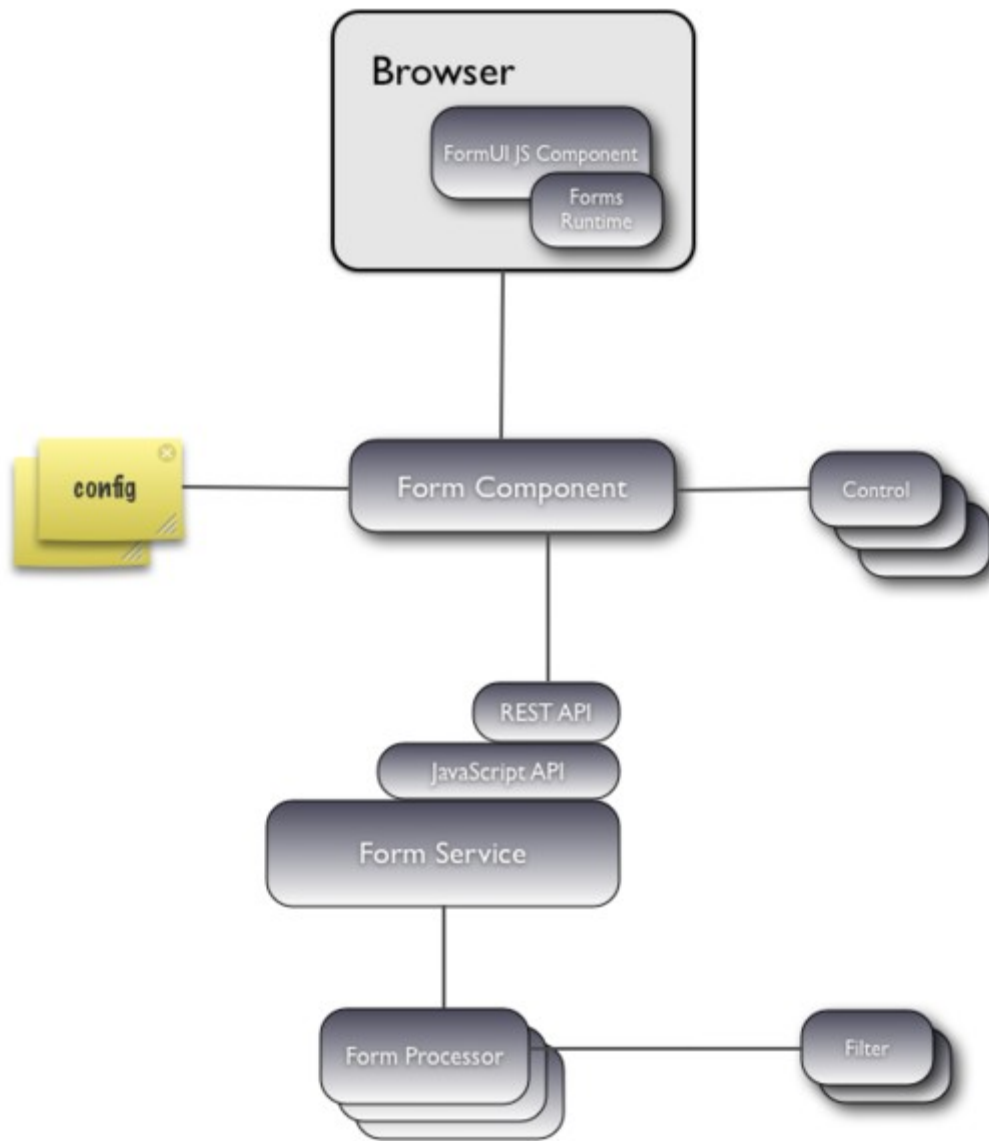
- **Custom Controls.**
  - **WYSIWYG Editor (TinyMCE)**
  - **Auto Complete Picker**
  - **Cascade Select**

- **Custom Form Templates.**
  - **Tab View**

- **Custom Set Appearances.**
  - **Accordion**

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- **Generate Inline WYISWYG Editor for Text Field.**

- **Support Control Parameters for**
  - **Editor Width**
  - **Editor Height**
  - **Editor Appearance (Default, Full and Plugins)**

Description:

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Test

Short Biography:

B *I* <u>U</u> ABC | Font family ▾ | Font size ▾

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😊 Dr. Qu's favorite teams

Football	NE Patriots
Baseball	NY Yankees

- **Form Configurations**

……

```
<field id="cm:description">

    <control template="/org/alfresco/components/form/controls/wysiwyg.ftl" />

</field>

<field id="forms32:bio">

    <control template="/org/alfresco/components/form/controls/wysiwyg.ftl">

        <control-param name="height">200</control-param>

        <control-param name="width">420</control-param>

        <control-param name="appearance">plugins</control-param>

    </control>

</field>
```

……

- **Generate an Auto Complete Selection List .**

Random Tag:

alfresco
alfresco wiki
alfresco grills
alfresco cms
alfresco home
alfresco share
alfresco download
alfresco labs
alfresco wcm
alfresco sharepoint
alfresco pricing

- **Control Components:**
  - **External Services (e.g. Google Suggest, Yahoo Suggest etc.)**
  - **Local Alfresco Web Script Services to provide nicely formatted local data sources for YUI Widgets.**
  - **YUI Auto Complete Widget to generate the selection list.**

External Services ⟷ Local Web Script Services *"remote"* ⟷ **Picker Control** *YUI Auto Complete Widget*

- **Form Configurations**

……

<field id="forms32:tag">

    <control template="/org/alfresco/components/form/controls/autocomplete.ftl">

    <control-param name="ds">/share/service/ds/autocomplete/google</control-param>

    </control>

</field>

......

- **Generate two or multiple dependent selects.**
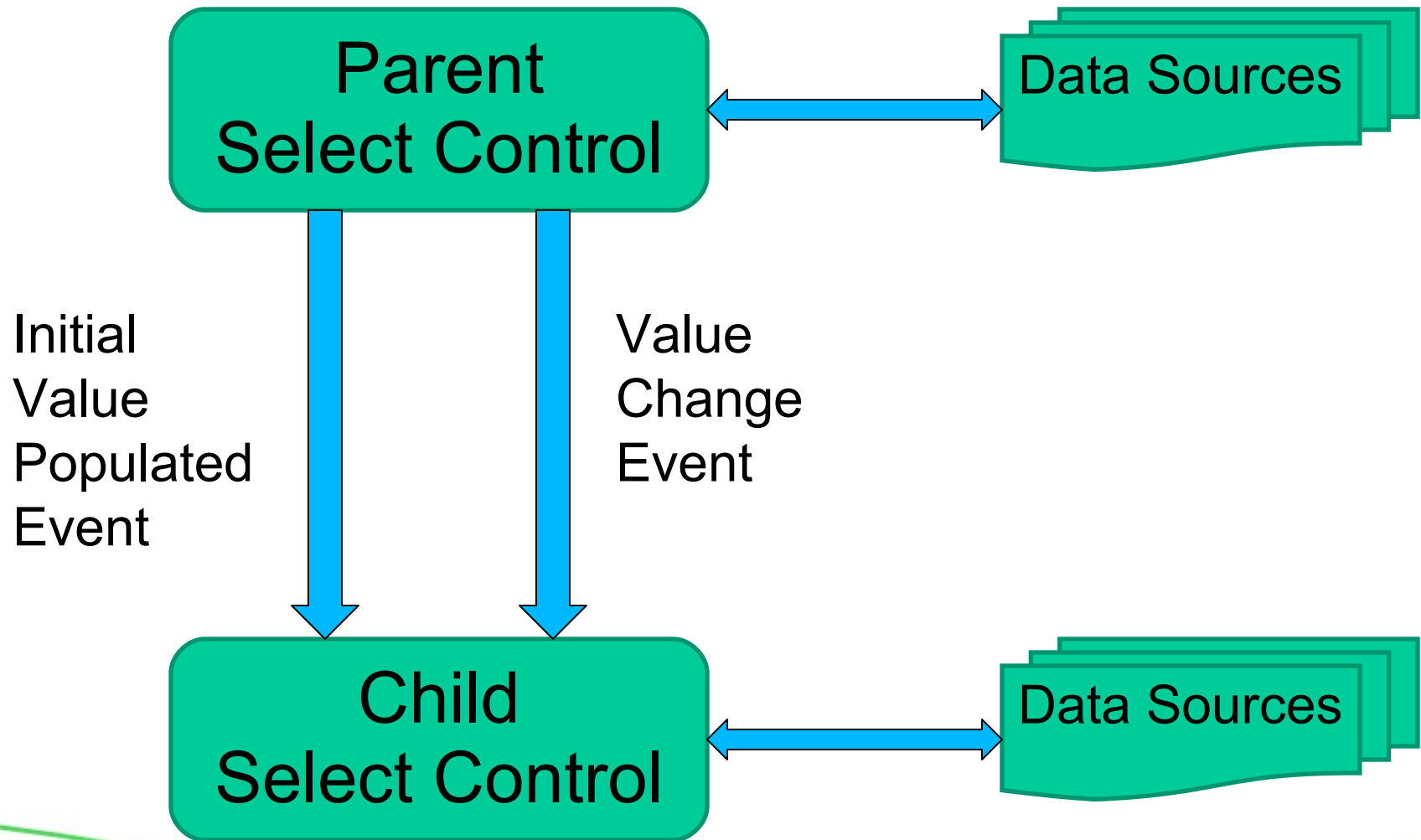
- **Form Configurations**

……

```
<field id="forms32:carmake" set="dreamcar">

    <control template="/org/alfresco/components/form/controls/cascadeselect.ftl">

      <control-param name="ds">/share/service/ds/cars/list</control-param>

    </control>

</field>

<field id="forms32:carmodel" set="dreamcar">

    <control template="/org/alfresco/components/form/controls/cascadeselect.ftl">

      <control-param name="ds">/share/service/ds/cars/{parent}</control-param>

      <control-param name="parent">forms32_carmake</control-param>

    </control>

</field>
```

……

- **Create Navigable Tabbed View of Form Fields.**

- **Form Configurations**

……

<config evaluator="node-type" condition="forms32:userprofile">

    <forms>

        <form>

            <view-form template="/tab-edit-form.ftl" />

            <edit-form template="/tab-edit-form.ftl" />

            <create-form template="/tab-edit-form.ftl" />

            ……

        </form>

    </forms>

</config>

……

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- **Generate Accordion View of Set Fields.**

Address   −

Street:
[   ]

City:
[   ]

State:
[   ]

Zip:
[   ]

- **Form Configurations**

……

<set id="addressset" parent="contactset" appearance="accordion"
  label="Address" />

……

<field id="forms32:street" set="addressset"/>

<field id="forms32:city"   set="addressset"/>

<field id="forms32:state"   set="addressset"/>

<field id="forms32:zip"   set="addressset"/>

......

- **Custom Set Templates.**

- **Custom Form Service Filters.**

- **Custom Field Validators.**

- **Improve Field Validation JavaScript.**

- **Integration with Third-party Products.**

- **More Pluggable Custom Set Appearances.**

- **Less Reboots during Form Development.**

- **Visual Form Builder.**

- **Install forms-32.amp.**
  - **Place the amp file under *amps* folder of your Alfresco instance.**
  - **Run apply_amps.bat or apply_amps.sh.**

- **Install forms-32-share.zip.**
  - **Unzip the zip file to the root folder of your share webapp.**

- **Restart Alfresco.**

- **Log on Alfresco Web Explore and Create a new document of the *User Profile* type.**

- **Locate the *NodeRef* of the newly create document.**

- **Browse to the Form Test page and enter the *NodeRef* in the *ID* field of the *Item Details* section.**
  - ***http://localhost:8080/share/page/form-test***

- **Click on the *Show Form* button.**

- Project Home

http://code.google.com/p/alfresco-forms-service-examples/