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Bean Shell

1.

2.

3.

- 1. ID
- 2.
- 3.
- 4.
- 5.

4.

5./ API

6.

Joget Workflow Source Code

Macbook ProJoget5.0.1

```
- Home
- joget
  - plugins
  - jw-community
    -5.0.1
```

```
""jw-community"Joget Workflow
```

```
"plugins"maven
```

```
cd joget/plugins/  
~/joget/jw-community/5.0.1/wflow-plugin-archetype/create-plugin.sh org.joget mood_rating 5.0.1
```

```
shellmaven
```

```
Define value for property 'version': 1.0-SNAPSHOT: : 5.0.0  
[INFO] Using property: package = org.joget  
Confirm properties configuration:  
groupId: org.joget  
artifactId: mood_rating  
version: 5.0.0  
package: org.joget  
Y: : y
```

```
"BUILD SUCCESS""plugins"mood_rating"
```

```
IDEmaven NetBeans
```

## 7. Just code it!

**a.**

```
"org.joget""MoodRatingField" org.joget.apps.form.lib.Radio org.joget.apps.form.lib.Radio org.joget.apps.form.model.Element
```

**b.**

```
AppPluginUtil.getMessage1&nMESSAGE_PATH
```

#### Implementation of all basic abstract methods

```
package org.jojet;

import java.util.Map;
import org.jojet.apps.app.service.AppPluginUtil;
import org.jojet.apps.app.service.AppUtil;
import org.jojet.apps.form.lib.Radio;
import org.jojet.apps.form.model.FormBuilderPalette;

public class MoodRatingField extends Radio {

    private final static String MESSAGE_PATH = "message/form/MoodRatingField";

    @Override
    public String getName() {
        return "Mood Rating";
    }

    @Override
    public String getVersion() {
        return "5.0.0";
    }

    @Override
    public String getClassName() {
        return getClass().getName();
    }

    @Override
    public String getFormBuilderCategory() {
        return FormBuilderPalette.CATEGORY_CUSTOM;
    }

    @Override
    public String getLabel() {
        //support i18n
        return AppPluginUtil.getMessage("org.jojet.MoodRatingField.pluginLabel", getClassName(), MESSAGE_PATH);
    }

    @Override
    public String getDescription() {
        //support i18n
        return AppPluginUtil.getMessage("org.jojet.MoodRatingField.pluginDesc", getClassName(), MESSAGE_PATH);
    }

    @Override
    public String getPropertyOptions() {
        return AppUtil.readPluginResource(getClass().getName(), "/properties/form/moodRatingField.json", null,
true, MESSAGE_PATH);
    }

    @Override
    public String getFormBuilderTemplate() {
        return "<label class='label'>" + getLabel() + "</label>";
    }
}
```

UigetPropertyOptions "/properties/form/moodRatingField.json""mood\_rating / src / main""resources / properties / form""properties""moodRatingField.json"

"@@ message.key @@"i18n

```

[
  {
    title : '@@form.moodRating.config@@',
    properties : [
      {
        name : 'id',
        label : '@@form.radio.id@@',
        type : 'textfield',
        required : 'True',
        regex_validation : '^[a-zA-Z0-9_]+$',
        validation_message : '@@form.radio.invalidId@@'
      },
      {
        name : 'label',
        label : '@@form.radio.label@@',
        type : 'textfield',
        value : '@@org.jojet.MoodRatingField.pluginLabel@@'
      }
    ]
  },
  {
    title : '@@form.radio.advancedOptions@@',
    properties : [
      {
        label : '@@form.radio.data@@',
        type : 'header'
      },
      {
        name : 'validator',
        label : '@@form.radio.validator@@',
        type : 'elementselect',
        options_ajax : '[CONTEXT_PATH]/web/property/json/getElements?classname=org.jojet.apps.form.model.
FormValidator',
        url : '[CONTEXT_PATH]/web/property/json[APP_PATH]/getPropertyOptions'
      },
      {
        label : '@@form.radio.ui@@',
        type : 'header'
      },
      {
        name : 'readonly',
        label : '@@form.radio.readonly@@',
        type : 'checkbox',
        value : 'False',
        options : [
          {
            value : 'true',
            label : ''
          }
        ]
      },
      {
        label : '@@form.radio.workflow@@',
        type : 'header'
      },
      {
        name : 'workflowVariable',
        label : '@@form.radio.workflowVariable@@',
        type : 'textfield'
      }
    ]
  }
]

```

```

@Override
public String renderTemplate(FormData formData, Map dataModel) {
    String template = "moodRatingField.ftl";

    // set value
    String value = FormUtil.getElementPropertyValue(this, formData);
    dataModel.put("value", value);
    String html = FormUtil.generateElementHtml(this, formData, template, dataModel);
    return html;
}

```

renderTemplate "moodRatingField.ftl" "mood\_rating / src / main / resources / templates" FreeMaker

```

<div class="form-cell mood_rating" ${elementMetaData!}>
    <label class="label">${element.properties.label} <span class="form-cell-validator">${decoration}</span><#if
error??> <span class="form-error-message">${error}</span></#if></label>
    <div class="form-cell-value" id="${elementParamName!}${element.properties.elementUniqueKey!}">
    <#if !(request.getAttribute("org.joget.MoodRatingField"))?> >
        <style>
            .mood_rating .tdstyle {text-align:center;width:20%;border:0px none transparent !important;}
        </style>
    </#if>
    <table style="width:150px">
        <tbody>
            <tr>
                <td class="tdstyle"></td>
                <td class="tdstyle"></td>
                <td class="tdstyle"></td>
                <td class="tdstyle"></td>
                <td class="tdstyle"></td>
            </tr>
            <tr>
                <#list ['5', '4', '3', '2', '1'] as i>
                    <td class="tdstyle">
                        <input grouping="${elementParamName!}" id="${elementParamName!}"
name="${elementParamName!}" type="radio" value="${i}" <#if error??>class="form-error-cell"</#if> <#if element.
properties.readonly! == 'true'> disabled</#if> <#if value?? && value == i>checked</#if> />
                        </td>
                </#list>
            </tr>
        </tbody>
    </table>
</div>
<div style="clear:both;"></div>
</div>

```

"mood\_rating / src / main / resources / resources / image"

c.

d.

getLabelgetDescription118ni18n

"mood\_rating / src / main" "resources / message / form" "MoodRatingField.properties"

```
org.joget.MoodRatingField.pluginLabel=Mood Rating
org.joget.MoodRatingField.pluginDesc=Form Field for rating mood
form.moodRating.config=Edit Mood Rating
```

**e. Felix**

ActivatorFelix

```
public void start(BundleContext context) {
    registrationList = new ArrayList<ServiceRegistration>();
    //Register plugin here
    registrationList.add(context.registerService(MoodRatingField.class.getName(), new MoodRatingField(),
null));
}
```

**f.**

"mood\_rating / target" "mood\_rating-5.0.0.jar"

jar jar

Filter by Type Form Element

<input type="checkbox"/> Plugin Name	Plugin Description	Plugin Version
<input type="checkbox"/> Mood Rating	Form Field for rating mood	5.0.0
<input type="checkbox"/> Multi Paged Form		5.0.0
<input type="checkbox"/> Multi Paged Form - Child P		5.0.0



..

Property Editor ES000

### Edit Mood Rating

Edit Mood Rating > Advanced Options

ID \*

Label

< Prev Next > OK Cancel

### Advanced Options

Edit Mood Rating > Advanced Options

Data

Validator

UI

Readonly

Workflow

Workflow Variable

< Prev Next > OK Cancel






## Account Details

*Drag This Column*

Account ID \*

Account Name \*

Mood Rating

**Account Details**

Account ID \*

Account Name \*

Mood Rating  


**Address Details**

Address

City

State

Country

8.

[mood\\_rating\\_src.zip](#)

[jarhttp://marketplace.joget.org/](http://marketplace.joget.org/)