Form Validator Plugin

Usages

- Used to extend ways to validate submitted data of an element.
- A useable Form Validator plugin must extends either org.joget.apps.form.model.FormValidator or org.joget.apps.form.model.FormMultiRowValidator abstract class.

Abstract Class

org.joget.apps.form.model.FormValidator

- Under wflow-core module
- Extended org.joget.plugin.base.ExtDefaultPlugin. Please refer to Plugin Base Abstract Class and Interface.
- Implemented org.joget.plugin.property.model.PropertyEditable. Please refer to Plugin Base Abstract Class and Interface.
- Base class for implementations to validate values for an element.

Method Detail

Abstract Methods

validate

```
public abstract boolean validate(org.joget.apps.form.model.Element element, org.joget.apps.form.model.
FormData data, java.lang.String[] values)
```

Validate the submitted values for an element.

Overridable Methods

getElementDecoration

public java.lang.String getElementDecoration()

Return the HTML decoration for the attached element, e.g. marking a required field.

getElementDecoration

```
public java.lang.String getElementDecoration(org.joget.apps.form.model.Element element, org.joget.apps.form.
model.FormData formData)
```

Return the HTML decoration for the attached element, e.g. marking a required field.

org.joget.apps.form.model.FormMultiRowValidator

- Under wflow-core module
- Extended org.joget.plugin.base.ExtDefaultPlugin. Please refer to Plugin Base Abstract Class and Interface.
- Implemented org.joget.plugin.property.model.PropertyEditable. Please refer to Plugin Base Abstract Class and Interface.
- Base class for implementations to validate multi row data for an element e.g. Grid.

Method Detail

Abstract Methods

validate

```
public abstract boolean validate(org.joget.apps.form.model.Element element, org.joget.apps.form.model.
FormData data, org.joget.apps.form.model.FormRowSet rows)
```

Validate the submitted rows for an element.

Overridable Methods

getElementDecoration

public java.lang.String getElementDecoration()

Return the HTML decoration for the attached element, e.g. marking a required field.

getElementDecoration

```
public java.lang.String getElementDecoration(org.joget.apps.form.model.Element element, org.joget.apps.form.
model.FormData formData)
```

Return the HTML decoration for the attached element, e.g. marking a required field.

Utility Methods

getElement

```
public org.joget.apps.form.model.Element getElement()
```

Gets Element that this validator is tied to.

setElement

```
public void setElement(org.joget.apps.form.model.Element element)
```

Sets Element that this validator is tied to.

Plugin Properties Options

- Please refer to Plugin Properties Options for more information.

Tutorials

- Guideline for developing a plugin

Related Community Plugins

- **Bean Shell Validator**

  org.joget.apps.form.lib.BeanShellValidator (wflow-core)
- **Bean Shell Multirow Validator**

  org.joget.apps.form.lib.BeanShellMultiRowValidator (wflow-core)
- **Default Validator**

  org.joget.apps.form.lib.DefaultValidator (wflow-core)
- **Duplicate Value Validator**

  org.joget.apps.form.lib.DuplicateValueValidator (wflow-core)