

Hash Variable Plugin

- Usages
- Abstract Class
 - org.joget.apps.app.model.DefaultHashVariablePlugin
 - Method Detail
 - Abstract Methods
 - `getPrefix`
 - `processHashVariable`
 - Overridable Methods
 - `escapeHashVariable`
 - `availableSyntax`
- Plugin Properties Options
- Tutorials
- Related Community Plugins

Usages

- Used to extend support for processing [Hash Variables](#).
- A usable Hash Variable plugin must extend [org.joget.apps.app.model.DefaultHashVariablePlugin](#) abstract class.

Abstract Class

org.joget.apps.app.model.DefaultHashVariablePlugin

- 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](#).
- A base abstract class to develop a Hash Variable plugin.

Method Detail

Abstract Methods

`getPrefix`

```
public abstract java.lang.String getPrefix()
```

Prefix of a Hash Variable use as identifier

`processHashVariable`

```
public abstract java.lang.String processHashVariable(java.lang.String variableKey)
```

Processing the Hash Variable and return a value to replace the Hash Variable.

Return Null to skip the replacement of Hash Variable.

Overridable Methods

`escapeHashVariable`

```
public java.lang.String escapeHashVariable(java.lang.String variable)
```

Escape special character in the value. Default to escape Regex in the value

`availableSyntax`

```
public java.util.Collection<java.lang.String> availableSyntax()
```

List the possible syntax combination to populate in Hash Variable Assistants in Property Editor. Default to `"prefix.KEY"`.

Plugin Properties Options

- Does not support.

Tutorials

- [Guideline for developing a plugin](#)
- [How to develop a Bean Shell Hash Variable](#)

Related Community Plugins

- **App Message Hash Variable**
org.joget.apps.app.lib.AppMessageHashVariable (wflow-core)
- **Current User Hash Variable**
org.joget.apps.app.lib.CurrentUserHashVariable (wflow-core)
- **Date Hash Variable**
org.joget.apps.app.lib.DateHashVariable (wflow-core)
- **Environment Variable Hash Variable**
org.joget.apps.app.lib.EnvironmentVariableHashVariable (wflow-core)
- **Form Data Hash Variable**
org.joget.apps.app.lib.FormHashVariable (wflow-core)
- **Performer Hash Variable**
org.joget.apps.app.lib.PerformerHashVariable (wflow-core)
- **Request Hash Variable**
org.joget.apps.app.lib.RequestHashVariable (wflow-core)
- **Request Parameter Hash Variable**
org.joget.apps.app.lib.RequestParameterHashVariable (wflow-core)
- **User Hash Variable**
org.joget.apps.app.lib.UserHashVariable (wflow-core)
- **User Variable Hash Variable**
org.joget.apps.app.lib.UserVariableHashVariable (wflow-core)
- **Workflow Assignment Hash Variable**
org.joget.apps.app.lib.WorkflowAssignmentHashVariable (wflow-core)
- **Workflow Variable Hash Variable**
org.joget.apps.app.lib.WorkflowVariableHashVariable (wflow-core)