

# Userview Permission/ Form Permission Plugin

- [Usages](#)
- [Abstract Class](#)
  - [org.joget.apps.userview.model.UserviewPermission](#)
    - [Method Detail](#)
      - [Abstract Methods](#)
        - [isAuthorize](#)
      - [Utility Methods](#)
        - [getRequestParameters](#)
        - [setRequestParameters](#)
        - [getRequestParameter](#)
        - [getRequestParameterString](#)
        - [getCurrentUser](#)
        - [setCurrentUser](#)
- [Interface](#)
  - [org.joget.apps.form.model.FormPermission](#)
- [Plugin Properties Options](#)
- [Tutorials](#)
- [Related Community Plugins](#)

## Usages

- **Userview Permission Plugins** are used for handling permissions and access rights in a userview.
- **Form Permission Plugins** are used for handling permissions and access rights in a form and field element.
- A useable Userview Permission plugin must extends [org.joget.apps.userview.model.UserviewPermission](#) abstract class.
- A useable Form Permission plugin must extends [org.joget.apps.userview.model.UserviewPermission](#) abstract class and implements [org.joget.apps.form.model.FormPermission](#) interface.

## Abstract Class

### [org.joget.apps.userview.model.UserviewPermission](#)

- 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 Userview/Form Permission plugin.

### Method Detail

#### Abstract Methods

[isAuthorize](#)

```
public abstract boolean isAuthorize()
```

Check the current user is authorized to proceed.

#### Utility Methods

[getRequestParameters](#)

```
public java.util.Map getRequestParameters()
```

Gets request parameters

[setRequestParameters](#)

```
public void setRequestParameters(java.util.Map requestParameters)
```

Sets request parameters

getRequestParameter

```
public java.lang.Object getRequestParameter(java.lang.String requestParameter)
```

Convenience method to get a parameter value

getRequestParameterString

```
public java.lang.String getRequestParameterString(java.lang.String requestParameter)
```

Convenience method to get a parameter String value.

**Return** Empty string instead of NULL.

getCurrentUser

```
public org.joget.directory.model.User getCurrentUser()
```

Gets current logged in user.

**Return** NULL if anonymous.

setCurrentUser

```
public void setCurrentUser(org.joget.directory.model.User currentUser)
```

Sets current logged in user.

## Interface

### org.joget.apps.form.model.FormPermission

- Under wflow-core module
- This interface is used to mark a Userview Permission Plugin is reusable in Form Builder.
  
- No interface method is available in this interface.

## Plugin Properties Options

- Please refer to [Plugin Properties Options](#) for more information.

## Tutorials

- [Guideline for developing a plugin](#)
- [How to develop a Not Permission](#)

## Related Community Plugins

- **Bean Shell Permission**  
org.joget.apps.userview.lib.BeanShellPermission (wflow-core)
- **Department Permission**  
org.joget.apps.userview.lib.DepartmentPermission (wflow-core)
- **Group Permission**  
org.joget.apps.userview.lib.GroupPermission (wflow-core)
- **Logged In User Permission**  
org.joget.apps.userview.lib.LoggedInUserPermission (wflow-core)
- **Organization Permission**  
org.joget.apps.userview.lib.OrganizationPermission (wflow-core)

- **User Permission**

org.joget.apps.userview.lib.UserPermission (wflow-core)