

# Bean Shell Permission

## Definition

**Bean Shell Permission** allows one to write its own custom Java coding to determine permission.

Name	Description
Plugin Name	Bean Shell Permission
Label	Bean Shell Script
Applicable for	<ul style="list-style-type: none"><li>• Userview</li><li>• Userview Category</li><li>• Form</li><li>• Form Section</li><li>• File Upload</li><li>• Image Upload</li></ul>
Availability	<ul style="list-style-type: none"><li>• Joget Workflow v5 Community Edition</li><li>• Joget Workflow v5 Enterprise Edition</li></ul>

### Configure Bean Shell Permission

Set Permission > **Configure Bean Shell Permission**

Script \*

```
1 //put your code here
2 //return true or false
3
4
5 return true;
6
```

Figure 1: Sample screenshot of Bean Shell Permission in Userview Category

When writing your own code, these 2 objects are made available for your to ease your implementation.

- user
- requestParams

[-]	◆	currentUser	User	#106
	◆	id	String	"admin"
	◆	username	String	"admin"
	◆	password	String	"21232f297a57a5a743894a0e4a801fc3"
	◆	firstName	String	"Admin"
	◆	lastName	String	"Admin"
	◆	email	String	""
[+]	◆	active	Integer	1
	◆	timeZone	String	"8"
	◆	locale		null
[+]	◆	roles	PersistentSet	"size = 1"
[+]	◆	groups	PersistentSet	"size = 0"
[+]	◆	employments	PersistentSet	"size = 0"
	◆	oldPassword		null
	◆	confirmPassword		null
[+]	◆	readonly	Boolean	false
[+]	◆	Static		
[-]	◆	requestParameters	HashMap	"size = 8"
[+]	◆	[0]	HashMap\$Entry	"appId => hr_expense"
[+]	◆	[1]	HashMap\$Entry	"appVersion => 1"
[+]	◆	[2]	HashMap\$Entry	"isPreview => false"
[+]	◆	[3]	HashMap\$Entry	"menuId => home"
[+]	◆	[4]	HashMap\$Entry	"contextPath => /jw"
[+]	◆	[5]	HashMap\$Entry	"userviewId => hr_expense_userview"
[+]	◆	[6]	HashMap\$Entry	"embed => false"
[+]	◆	[7]	HashMap\$Entry	"key => _"

Figure 2: Sample variables' values

#### Sample Usage

```

System.out.println( user.getFirstName() ); //will print "Admin"
System.out.println( requestParams.get("appId") ); //will print "hr_expense";

if (user.getFirstName().equalsIgnoreCase("Admin")) {
    return true;
} else {
    return false;
}

```