

# Bean Shell Permission

## Introduction

Bean Shell Permission provides the ability to key in custom Java codes to define the permission checking.

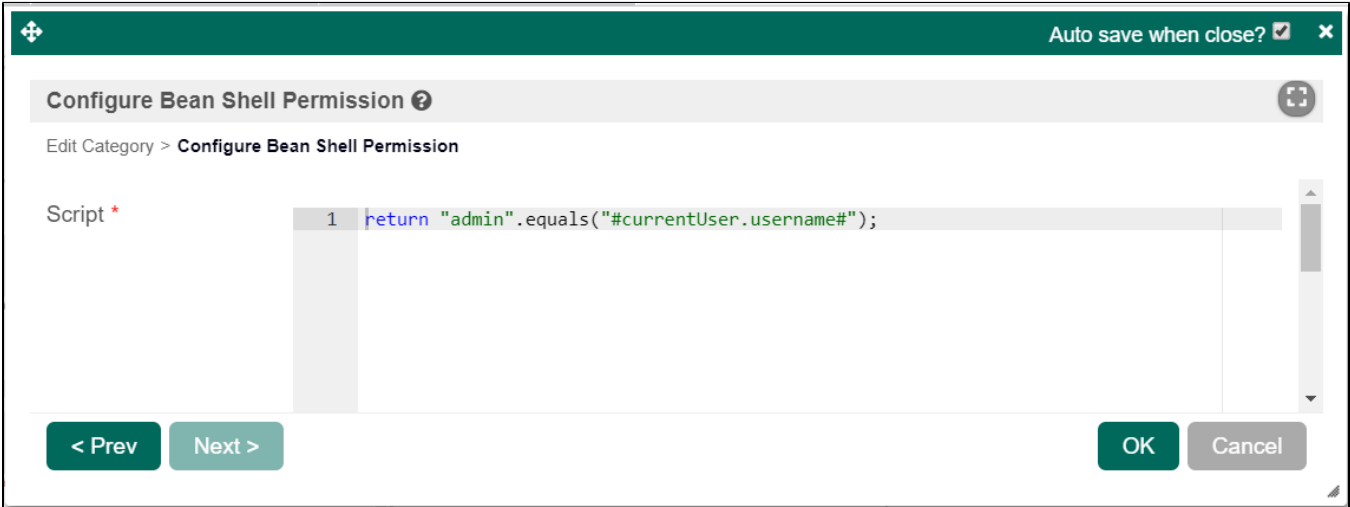


Figure 1: Sample BeanShell permission to allow only username "admin" to view the menu category.

Name	Description
Plugin Name	Bean Shell Permission
Label	Bean Shell Script
Applicable for	<ul style="list-style-type: none"><li>• Userview</li><li>• Userview &gt; Advanced Tools</li><li>• Userview Category (Figure 1)</li><li>• Form</li><li>• Form &gt; Advanced Tools</li><li>• Form Section</li><li>• Datalist &gt; Advanced Tools</li></ul>
Availability	<ul style="list-style-type: none"><li>• Joget DX Community Edition</li><li>• Joget DX Enterprise &amp; Professional Edition.</li></ul>

When writing your own code, these two objects are made available for you 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;
}
```