

# Bean Shell Action

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## Introduction

**Bean Shell Action** allows you to write custom Java code to perform custom actions on the datalist.

## Bean Shell Action Properties

### Configure Bean Shell Datalist Action

joget

DATALIST BUILDER

Expenses Claim v2: Expense All (Published)

SOURCE

DESIGN

PROPERTIES

PREVIEW

SAVE

Ref

Remark

Select Approver

spECD

spED

status

Title<br/>(Example: China Travel, July Claims etc.)

Total Amount \$

username

Actions

</> Bean Shell

Hyperlink

Download PDF

Delete

JDBC

Drag A

Drag Columns Here

#	Title	\$	Status	Amount
<div>ref</div>	<div>title</div>	<div>total</div>	<div>status</div>	<div>total</div>
<div>Unsortable</div>	<div>Unsortable</div>	<div>Sortable</div>	<div>Sortable</div>	<div>Unsorta</div>
<div>Visible</div>	<div>Visible</div>	<div>Visible</div>	<div>Visible</div>	<div>Visible</div>
<div>Exportable</div>	<div>Exportable</div>	<div>Exportable</div>	<div>Exportable</div>	<div>Exporta</div>
<div>Default</div>	<div>Default</div>	<div>Default</div>	<div>Default</div>	<div>Default</div>
<div>-</div>	<div>-</div>	<div>-</div>	<div>-</div>	<div>-</div>
<div>Nested Datalist Formatter</div>	<div>-</div>	<div>-</div>	<div>Options Value Formatter</div>	<div>-</div>

Drag A

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Forms & UI | Processes | Properties | Users | Monitor | Settings | Quick Edit : Off

Figure 1: Bean Shell Action Menu

+

Auto save when close? ☐

×

Configure Bean Shell Datalist Action ?

Configure Bean Shell Datalist Action > Visibility Control

Label \*

Bean Shell

Confirmation Message

Script \* ?

1

< Prev

Next >

OK

Cancel

Figure 2: Bean Shell Action Properties

Name	Description
Label	Link / Button label.
Confirmation Message	Confirmation message before performing action.
Script	Script in Java.  See: <ul style="list-style-type: none"><li>• <a href="#">Bean Shell Programming Guide - Datalist Action</a></li><li>• <a href="#">Utility and Service Methods</a>.</li></ul>

Visibility Control

+

Auto save when close? ☐

×

Visibility Control

Configure Bean Shell Datalist Action > Visibility Control

Rules

JOIN TYPE	FIELD *	OPERATOR	VALUE
+			

< Prev

Next >

OK

Cancel

Figure 3: Visibility Control Properties

Name	Description										
Rules	<p>Defines when the action should appear based on the condition(s) set.</p> <p>Only applicable to row action placeholder.</p> <table> <tr> <th>Field</th><th>Description</th></tr> <tr> <td>Join Type</td><td>Condition type to fulfill.</td></tr> <tr> <td>Field</td><td>Form field ID.</td></tr> <tr> <td>Operator</td><td> <p>Available operator types:</p> <ul style="list-style-type: none"> <li>• Equal</li> <li>• Not Equal</li> <li>• Greater Than</li> <li>• Greater Than Or Equal</li> <li>• Less Than</li> <li>• Less Than Or Equal</li> <li>• Like</li> <li>• Not Like</li> <li>• In</li> <li>• Not In</li> <li>• Is True</li> <li>• Is False</li> <li>• Is Empty</li> <li>• Is Not Empty</li> <li>• Regex</li> <li>• Not Regex</li> </ul> </td></tr> <tr> <td>Value</td><td>Show the action when form field matches the condition.</td></tr> </table>	Field	Description	Join Type	Condition type to fulfill.	Field	Form field ID.	Operator	<p>Available operator types:</p> <ul style="list-style-type: none"> <li>• Equal</li> <li>• Not Equal</li> <li>• Greater Than</li> <li>• Greater Than Or Equal</li> <li>• Less Than</li> <li>• Less Than Or Equal</li> <li>• Like</li> <li>• Not Like</li> <li>• In</li> <li>• Not In</li> <li>• Is True</li> <li>• Is False</li> <li>• Is Empty</li> <li>• Is Not Empty</li> <li>• Regex</li> <li>• Not Regex</li> </ul>	Value	Show the action when form field matches the condition.
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