



- 1
- 2
- 3
- 4
  - 4.1
  - 4.2
  - 4.3
  - 4.4
  - 4.5
  - 4.6
  - 4.7
  - 4.8
  - 4.9
  - 4.10
  - 4.11
  - 4.12
  - 4.13 [Userview Key](#)
  - 4.14
  - 4.15
  - 4.16
  - 4.17
  - 4.18 [Bean Shell](#)

- 
- 
- Userview
- 
- 
- URL

Joget

 Ctrl-Shift-3

 [Joget Workflow Marketplace Hash](#) Hash

3.0.3

Syntax / Format

#prefix.{prefix.variableKey}#

```
#date.{envVariable.dateFormat}#
#user.{variable.username}.firstName#
#form.tableChild.field1[{form.tableParent.childId}]#
```

1. regx -
2. json - JSON
3. javascript - Javascript
4. html - HTML
5. xml - XML
6. java - Java
7. sql - SQL
8. url - URL
9. nl2br - <br> HTML
10. separator(SEPARATOR\_CHARS) - “;” SEPARATOR\_CHARS ?separator(,) “abc;def” “abcdef”

```
#envVariable.script?java#
#envVariable.script?nl2br;json#
#form.table.users?separator(, )#
```

	assignment

	<ul style="list-style-type: none"><li>• #assignment.processId#</li><li>• #assignment.processDefId#</li><li>• #assignment.processDefIdWithoutVersion# (v6)</li><li>• #assignment.processName#</li><li>• #assignment.processVersion#</li><li>• #assignment.processRequesterId#</li><li>• #assignment.appld# (v6)</li><li>• #assignment.activityId#</li><li>• #assignment.activityName#</li><li>• #assignment.activityDefId#</li><li>• #assignment.assignedId#</li></ul>
	<ul style="list-style-type: none"><li>•<ol style="list-style-type: none"><li>1.</li><li>2.</li><li>3.</li></ol></li></ul>
	#user.{assignment.assignedId}.firstName# #user.{assignment.assignedId}.lastName#

New Feature
Joget Workflow v6

	process

- #process.appld#
  - #process.processId#
  - #process.processDefId#
  - #process.processDefIdWithoutVersion#
  - #process.processName#
  - #process.processVersion#
  - #process.processRequesterId#
  - #process.state#
  - #process.startedTime#
  - #process.limit#
  - #process.due#
  - #process.delay#
  - #process.delayInSeconds#
  - #process.finishTime#
  - #process.timeConsumingFromDateStarted#
  - #process.timeConsumingFromDateStartedInSeconds#
  - #process.activityInst.ACTIVITY\_DEF\_ID.instanceId#
  - #process.activityInst.ACTIVITY\_DEF\_ID.name#
  - #process.activityInst.ACTIVITY\_DEF\_ID.status#
  - #process.activityInst.ACTIVITY\_DEF\_ID.state#
  - #process.activityInst.ACTIVITY\_DEF\_ID.type#
  - #process.activityInst.ACTIVITY\_DEF\_ID.startedTime#
  - #process.activityInst.ACTIVITY\_DEF\_ID.limit#
  - #process.activityInst.ACTIVITY\_DEF\_ID.limitInSeconds#
  - #process.activityInst.ACTIVITY\_DEF\_ID.due#
  - #process.activityInst.ACTIVITY\_DEF\_ID.delay#
  - #process.activityInst.ACTIVITY\_DEF\_ID.delayInSeconds#
  - #process.activityInst.ACTIVITY\_DEF\_ID.finishTime#
  - #process.activityInst.ACTIVITY\_DEF\_ID.timeConsumingFromDateStarted#
  - #process.activityInst.ACTIVITY\_DEF\_ID.timeConsumingFromDateStartedInSeconds#
  - #process.activityInst.ACTIVITY\_DEF\_ID.performer#
  - #process.activityInst.ACTIVITY\_DEF\_ID.performerUser#
  - #process.activityInst.ACTIVITY\_DEF\_ID.assignmentUsers#
- 
- #process.appld[PROCESS\_INSTANCE\_ID]#
  - #process.processDefId[PROCESS\_INSTANCE\_ID]#
  - #process.processDefIdWithoutVersion[PROCESS\_INSTANCE\_ID]#
  - #process.processName[PROCESS\_INSTANCE\_ID]#
  - #process.processVersion[PROCESS\_INSTANCE\_ID]#
  - #process.processRequesterId[PROCESS\_INSTANCE\_ID]#
  - #process.startedTime[PROCESS\_INSTANCE\_ID]#
  - #process.limit[PROCESS\_INSTANCE\_ID]#
  - #process.due[PROCESS\_INSTANCE\_ID]#
  - #process.delay[PROCESS\_INSTANCE\_ID]#
  - #process.delayInSeconds[PROCESS\_INSTANCE\_ID]#
  - #process.finishTime[PROCESS\_INSTANCE\_ID]#
  - #process.timeConsumingFromDateStarted[PROCESS\_INSTANCE\_ID]#
  - #process.timeConsumingFromDateStartedInSeconds[PROCESS\_INSTANCE\_ID]#
  - #process.activityInst.ACTIVITY\_DEF\_ID.instanceId[PROCESS\_INSTANCE\_ID]#
  - #process.activityInst.ACTIVITY\_DEF\_ID.name[PROCESS\_INSTANCE\_ID]#
  - #process.activityInst.ACTIVITY\_DEF\_ID.status[PROCESS\_INSTANCE\_ID]#
  - #process.activityInst.ACTIVITY\_DEF\_ID.state[PROCESS\_INSTANCE\_ID]#
  - #process.activityInst.ACTIVITY\_DEF\_ID.type[PROCESS\_INSTANCE\_ID]#
  - #process.activityInst.ACTIVITY\_DEF\_ID.startedTime[PROCESS\_INSTANCE\_ID]#
  - #process.activityInst.ACTIVITY\_DEF\_ID.limit[PROCESS\_INSTANCE\_ID]#
  - #process.activityInst.ACTIVITY\_DEF\_ID.limitInSeconds[PROCESS\_INSTANCE\_ID]#
  - #process.activityInst.ACTIVITY\_DEF\_ID.due[PROCESS\_INSTANCE\_ID]#
  - #process.activityInst.ACTIVITY\_DEF\_ID.delay[PROCESS\_INSTANCE\_ID]#
  - #process.activityInst.ACTIVITY\_DEF\_ID.delayInSeconds[PROCESS\_INSTANCE\_ID]#
  - #process.activityInst.ACTIVITY\_DEF\_ID.finishTime[PROCESS\_INSTANCE\_ID]#
  - #process.activityInst.ACTIVITY\_DEF\_ID.timeConsumingFromDateStarted[PROCESS\_INSTANCE\_ID]#
  - #process.activityInst.ACTIVITY\_DEF\_ID.timeConsumingFromDateStartedInSeconds[PROCESS\_INSTANCE\_ID]#
  - #process.activityInst.ACTIVITY\_DEF\_ID.performer[PROCESS\_INSTANCE\_ID]#
  - #process.activityInst.ACTIVITY\_DEF\_ID.performerUser[PROCESS\_INSTANCE\_ID]#
  - #process.activityInst.ACTIVITY\_DEF\_ID.assignmentUsers[PROCESS\_INSTANCE\_ID]#


	<ul style="list-style-type: none"><li>• .<ol style="list-style-type: none"><li>1. .</li><li>2. .</li><li>3. 1.</li></ol></li></ul>
	:  #process.activityInst.assign.performerUser[[assignment.processId]]#

	currentUser
	<ul style="list-style-type: none"><li>• #currentUser.id#</li><li>• #currentUser.username#</li><li>• #currentUser.firstName#</li><li>• #currentUser.lastName#</li><li>• #currentUser.email#</li><li>• #currentUser.active#</li><li>• #currentUser.timeZone#</li></ul> <p>Joget -</p> <ul style="list-style-type: none"><li>• #currentUser.meta.KEY# To read additional user meta data stored in <b>dir_user_meta</b> table. Example: #currentUser.meta.duration#.</li></ul> <div><div><div>dir_user</div><div>16.0 KiB</div></div><div><div>dir_user_extra</div><div>16.0 KiB</div></div><div><div>dir_user_group</div><div>48.0 KiB</div></div><div><div>dir_user_meta</div><div>16.0 KiB</div></div><div><div>dir_user_password_history</div><div>16.0 KiB</div></div><div><div>dir_user_replacement</div><div>16.0 KiB</div></div><div><div>dir_user_role</div><div>48.0 KiB</div></div></div> <div><div>username</div><div>meta_key</div><div>meta_value</div><div>cat</div><div>duration</div><div>100</div><div>admin</div><div>duration</div><div>200</div></div>

New Feature

This is a new feature in Joget Workflow v6.

	<ul style="list-style-type: none"><li>• #currentUser.hod.username#</li><li>• #currentUser.hod.firstName#</li><li>• #currentUser.hod.lastName#</li><li>• #currentUser.hod.email#</li><li>• #currentUser.hod.active#</li><li>• #currentUser.hod.timeZone#</li></ul> <ul style="list-style-type: none"><li>• #currentUser.groups.id#</li><li>• #currentUser.groups.name#</li></ul> <ul style="list-style-type: none"><li>• #currentUser.employee.code#</li><li>• #currentUser.employee.jobTitle#</li><li>• #currentUser.employee.isHod#</li></ul> <p><b>HOD</b></p> <ul style="list-style-type: none"><li>• #currentUser.department.hod.username#</li><li>• #currentUser.department.hod.firstName#</li><li>• #currentUser.department.hod.lastName#</li><li>• #currentUser.department.hod.email#</li><li>• #currentUser.department.hod.active#</li><li>• #currentUser.department.hod.timeZone#</li></ul>
	<ul style="list-style-type: none"><li>• </li></ul>

	date
	<div><div> <b>Localization</b></div><div>Joget Workflow v5</div></div>

- #date.*dateFormat*#
- #date.*dateUnit* [+ - ] *integerValue*.*dateFormat* #



#### Options

- Java, yyyy-MM-dd 2011-06-01

#### *dateUnit*

- YEAR
- MONTH
- DAY

#### *integerValue*

- 10

- #date.*DATE\_FORMAT\_TO*[*INPUT\_DATE\_VALUE* | *INPUT\_VALUE\_FORMAT*]#



#### *INPUT\_DATE\_VALUE*

*INPUT\_VALUE\_FORMAT* *INPUT\_DATE\_VALUE* .

*DATE\_FORMAT\_TO* .

#### New Feature

Joget Workflow v6

- 

#date.h:mm a# // 12:08 PM

#date.EEE,d MMM yyyy h:mm:ss a# // Wed, 4 Jul 2014 12:08:56 PM

#date.DAY+7.EEE,d MMM yyyy h:mm:ss a# // Add 7 days on top of current date time - Wed, 11 Jul 2014 12:08:56 PM

#date.DAY-1.EEE,d MMM yyyy h:mm:ss a# // Minus 1 days on top of current date time - Wed, 3 Jul 2014 12:08:56 PM

#date.dd-MM-yyyy[{form.j\_expense\_claim.title}|yyyy-MM-dd]# // Retrieves date from j\_expense\_claim table, form field title, changes its origin format of yyyy-MM-dd to dd-MM-yyyy.

	envVariable
	<ul style="list-style-type: none"> <li>• #envVariable.<i>keyName</i>#</li> </ul>
	<ul style="list-style-type: none"> <li>• Joget</li> </ul>
	#envVariable.smtpServer# #envVariable.smtpPort#

	form
	0
	<ul style="list-style-type: none"><li>• #from.tableName.fieldId#</li><li>• #from.tableName.fieldId [ recordId ]#3.1</li></ul>
	<ul style="list-style-type: none"><li>• ProcessProcess Tool</li><li>•</li><li>•</li></ul>
	#form.registration.registeredDate# //will use the current record ID #form.registration.registeredDate[ 0001 ]# //registration ID0001registeredDate #form.registration.registeredDate[ {variable.recordId} ]# //.

New Feature
Joget Workflow v6

	binder
	<p>ID To get <b>field value</b> or <b>field value label</b> from the binder of a form via its <b>form definition id</b> .</p> <p><i>'binder' , 'binder.options'</i> (eg. select box, checkbox &amp; radio button).</p> <p>APP_ID , .</p> <p>PRIMARY_KEY , .</p>
	<ul style="list-style-type: none"><li>• #binder.APP_ID.FORM_DEF_ID.FIELD_ID#</li><li>• #binder.APP_ID.FORM_DEF_ID.FIELD_ID[PRIMARY_KEY]#</li><li>• #binder.FORM_DEF_ID.FIELD_ID#</li><li>• #binder.FORM_DEF_ID.FIELD_ID[PRIMARY_KEY]#</li><li>• #binder.options.APP_ID.FORM_DEF_ID.FIELD_ID#</li><li>• #binder.options.APP_ID.FORM_DEF_ID.FIELD_ID[PRIMARY_KEY]#</li><li>• #binder.options.FORM_DEF_ID.FIELD_ID#</li><li>• #binder.options.FORM_DEF_ID.FIELD_ID[PRIMARY_KEY]#</li></ul>
	<ul style="list-style-type: none"><li>• .</li><li>• .</li><li>• .</li></ul>



	#binder.addCard.title#
	#binder.cardViewer.addCard.title#
	#binder.cardViewer.addCard.title[b30bce20-c0a82095-14976e70-fded1735]#
	#binder.options.addCard.title#
	#binder.options.cardViewer.addCard.title#
	#binder.options.cardViewer.addCard.title[b30bce20-c0a82095-14976e70-fded1735]#

New Feature
Joget Workflow v6

	appDef
	To retrieve App Definition information
	<ul style="list-style-type: none"><li>• #appDef.appld#</li><li>• #appDef.dateCreated#</li><li>• #appDef.dateModified#</li><li>• #appDef.version#</li><li>• #appDef.license#</li><li>• #appDef.name#</li><li>• #appDef.published#</li></ul>
	<ul style="list-style-type: none"><li>• .</li></ul>
	:  #appDef.name#

	i18n
	<ul style="list-style-type: none"><li>• #i18n. <i>keyName</i> #</li></ul>
	<ul style="list-style-type: none"><li>•</li></ul>

#18n.logout#

Version 1Published

1Forms & UI

2Processes

3Properties & Export

NotesEnvironment VariableMessagePlugin Default Properties

Filter By LocaleSearch

Key	Locale	Message
logout	zh_CN	退出

简单Simple App

Click to edit

#18n.welcome# #date.EEE, d MMM yyyy#

#18n.logout#

菜单

简单Simple App

你好 星期二, 13 十月 2015

退出

performer

- #performer. activityDefId .id#
- #performer. activityDefId .username#
- #performer. activityDefId .firstName#
- #performer. activityDefId .lastName#
- #performer. activityDefId .email#
- #performer. activityDefId .active#
- #performer. activityDefId .timeZone#

- - 1.
  - 2.
  - 3.

 activityDefId“ ”; ID



- #performer.runProcess.firstName#
- #performer.submitLeave.firstName#

requestParam

	<ul style="list-style-type: none"><li>● #requestParam.parameterName []#</li><li>● requestParam, ;"</li></ul>
	<ul style="list-style-type: none"><li>●</li></ul>
	<ul style="list-style-type: none"><li>● #requestParam.key# <a href="#">UserView Key</a></li><li>● #requestParam.name[]#"name"SQL"select * from expenses where title in#requestParam.title[]#"select * fromwhere a,b,c"where-in"</li><li>●<ul style="list-style-type: none"><li>○ #requestParam.key#</li><li>○ #requestParam.userviewId#</li><li>○ #requestParam.menuId#</li><li>○ #requestParam.appld#</li></ul></li></ul>

	user

	<ul style="list-style-type: none"><li>● #user.<i>username</i>.id#</li><li>● #user.<i>username</i>.username#</li><li>● #user.<i>username</i>.firstName#</li><li>● #user.<i>username</i>.lastName#</li><li>● #user.<i>username</i>.email#</li><li>● #user.<i>username</i>.active#</li><li>● #user.<i>username</i>.timeZone#</li></ul> <p>Joget -</p> <ul style="list-style-type: none"><li>● #user.<i>username</i>.meta.<i>KEY</i># (v6)</li></ul> <ul style="list-style-type: none"><li>● #user.<i>username</i>.organization.id#</li><li>● #user.<i>username</i>.organization.name#</li><li>● #user.<i>username</i>.organization.description#</li></ul> <ul style="list-style-type: none"><li>● #user.<i>username</i>.department.id#</li><li>● #user.<i>username</i>.department.name#</li><li>● #user.<i>username</i>.department.description#</li><li>● #user.<i>username</i>.department.treeStructure#</li></ul> <ul style="list-style-type: none"><li>● #user.<i>username</i>.grade.id#</li><li>● #user.<i>username</i>.grade.name#</li><li>● #user.<i>username</i>.grade.description#</li><li>● #user.<i>username</i>.grade.organizationId#</li></ul> <p>HOD</p> <ul style="list-style-type: none"><li>● #user.<i>username</i>.hod.username#</li><li>● #user.<i>username</i>.hod.firstName#</li><li>● #user.<i>username</i>.hod.lastName#</li><li>● #user.<i>username</i>.hod.email#</li><li>● #user.<i>username</i>.hod.active#</li><li>● #user.<i>username</i>.hod.timeZone#</li></ul> <ul style="list-style-type: none"><li>● #user.<i>username</i>.groups.id#</li><li>● #user.<i>username</i>.groups.name#</li></ul> <ul style="list-style-type: none"><li>● #user.<i>username</i>.employee.code#</li><li>● #user.<i>username</i>.employee.jobTitle#</li><li>● #user.<i>username</i>.employee.isHod#</li></ul> <p>HOD</p> <ul style="list-style-type: none"><li>● #user.<i>username</i>.department.hod.username#</li><li>● #user.<i>username</i>.department.hod.firstName#</li><li>● #user.<i>username</i>.department.hod.lastName#</li><li>● #user.<i>username</i>.department.hod.email#</li><li>● #user.<i>username</i>.department.hod.active#</li><li>● #user.<i>username</i>.department.hod.timeZone#</li></ul>
	<ul style="list-style-type: none"><li>●</li></ul>
	<ul style="list-style-type: none"><li>● #user.admin.email#</li><li>● #user.cat.firstName#</li><li>● #user.{requestParam.username}.email#url</li></ul>

Userview Key

	usercontentKey
	<div>Userview Key</div> <ul style="list-style-type: none"><li>•</li><li>• UserView Key</li></ul>
	<ul style="list-style-type: none"><li>• #usercontentKey#</li></ul>
	<ul style="list-style-type: none"><li>•</li><li>•</li></ul>

	variable
	Process Flow
	<ul style="list-style-type: none"><li>• #variable.variableName#</li></ul>
	<ul style="list-style-type: none"><li>•<ol style="list-style-type: none"><li>1.</li><li>2.</li><li>3.</li></ol></li></ul>
	#variable.approvalStatus#

	request
	HttpServletRequest

- #request.characterEncoding#
- #request.contextPath#
- #request.header.NAME# , NAME header .
- #request.locale#
- #request.method#
- #request.pathInfo#
- #request.protocol#
- #request.queryString#
- #request.remoteAddr#
- #request.requestURI#
- #request.requestURL#
- #request.requestedSessionId#
- #request.scheme#
- #request.serverName#
- #request.serverPort#
- #request.servletPath#

- AppHttpServletRequest

Menu: HR Expenses Claim App

Main

Welcome

New Claim

New Expenses Claim

Expense Claim Details

The referralal

(request.header.Referer)

is http://localhost:8080/jw/web/userview/hr\_expense/hr\_expense\_userview/\_/new\_claim

Ref

AUTO

Headers Preview Response Cookies Timing

Request Headers

view source

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,\*/\*;q=0.8

Accept-Encoding: gzip, deflate, sdch

Accept-Language: en-US,en;q=0.8

Cache-Control: no-cache

Connection: keep-alive

Cookie: quickEditModeActive=true; JSESSIONID=11D4E6C7F1C42C13F1C0E5D798DEC871; helpGuide=false;

Host: localhost:8080

Pragma: no-cache

Referer: http://localhost:8080/jw/web/userview/hr\_expense/hr\_expense\_userview/\_/home

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/41

“Referer”

Hash Variable

#request.header.Referer#

New Feature

Joget Workflow v6

	platform

	<ul style="list-style-type: none"><li>● #platform.name#</li><li>● #platform.version#</li><li>● #platform.jdbcDriver#</li><li>● #platform.setting.dataFilePath#</li><li>● #platform.setting.deadlineCheckerInterval#</li><li>● #platform.setting.defaultUserView#</li><li>● #platform.setting.fileSizeLimit#</li><li>● #platform.setting.landingPage#</li><li>● #platform.setting.systemDateFormat#</li><li>● #platform.setting.systemLocale#</li><li>● #platform.setting.systemTimeZone#</li></ul> <p>Joget</p> <ul style="list-style-type: none"><li>● #platform.license.name#</li><li>● #platform.license.holder#</li><li>● #platform.license.users#</li><li>● #platform.license.appLimit#</li><li>● #platform.license.expiry#</li><li>● #platform.license.activated#</li><li>● #platform.systemKey#</li></ul>
	<ul style="list-style-type: none"><li>●</li></ul>

New Feature
Joget Workflow v6

	users
	“,”.
	<ul style="list-style-type: none"><li>● #users.group.GROUP_ID.username#</li><li>● #users.group.GROUP_ID.firstName#</li><li>● #users.group.GROUP_ID.lastName#</li><li>● #users.group.GROUP_ID.fullName#</li><li>● #users.group.GROUP_ID.email#</li></ul> <ul style="list-style-type: none"><li>● #users.grade.GRADE_ID.username#</li><li>● #users.grade.GRADE_ID.firstName#</li><li>● #users.grade.GRADE_ID.lastName#</li><li>● #users.grade.GRADE_ID.fullName#</li><li>● #users.grade.GRADE_ID.email#</li></ul> <ul style="list-style-type: none"><li>● #users.department.DEPARTMENT_ID.username#</li><li>● #users.department.DEPARTMENT_ID.firstName#</li><li>● #users.department.DEPARTMENT_ID.lastName#</li><li>● #users.department.DEPARTMENT_ID.fullName#</li><li>● #users.department.DEPARTMENT_ID.email#</li></ul> <ul style="list-style-type: none"><li>● #users.organization.ORGANIZATION_ID.username#</li><li>● #users.organization.ORGANIZATION_ID.firstName#</li><li>● #users.organization.ORGANIZATION_ID.lastName#</li><li>● #users.organization.ORGANIZATION_ID.fullName#</li><li>● #users.organization.ORGANIZATION_ID.email#</li></ul>
	<ul style="list-style-type: none"><li>● .</li></ul>

	:
	<ul style="list-style-type: none"><li>• #users.group.{currentUser.groups.id}.fullName#</li><li>• #users.department.D-005.username#</li><li>• #users.group.G-001.email#</li></ul>

Bean Shell

New Feature
Joget Workflow v6

	BeanShell
	bean shellURL
	<ul style="list-style-type: none"><li>• #beanshell(ENVIRONMENT_VARIABLE#</li><li>• #beanshell(ENVIRONMENT_VARIABLE [PARAMETERS_URL_QUERY_STRING]#</li></ul>
	<ul style="list-style-type: none"><li>•</li></ul>
	<div>“username” “dept” “welcome”</div> <div><pre>if (username != null &amp;&amp; username.length == 1 &amp;&amp; !username[0].isEmpty()) {     return "Welcome " + username[0] + " (" + dept[0] + ")," ; } else {     return "" ; }</pre></div> <div><ul style="list-style-type: none"><li>• #beanshell.welcome[username={currentUser.username}&amp;dept={currentUser.department.name}]#</li></ul></div>