

Check project property

This function has been **renamed** with the [JWT 3.0](#) release.

Find the new documentation at:

[Condition on JWT project property](#)

[Validation of JWT project property](#)

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Purpose

There is a **condition** and a **validator** available for checking the value of a [Project Properties](#). These features allows to **hide a transition** (condition) or **block the execution of a transition** if certain [Project Properties](#) doesn't contain an expected value.

These features are of great value for building **reusable workflows**, that behave somehow differently according to certain characteristics of the projects. Each particular characteristic of the project is set by means of a [Project Properties](#).

Example: Allowing issue reopening in certain projects, while forbidding it in other ones

We are going to implement a validation for preventing issues to be reopened in projects where [Project Properties](#) "allowReopening" has value different from "Yes" or is missing.

We use [Check project property](#) validator in transition "**Reopen Issue**" using the following configuration:

Project property name:	ReopeningAllowed Field code injector: Summary - [Text] - %{00000} ?
You can insert field codes (with format %{nnnnn}) that will be replaced into the string with the field values. Project properties are stored in project description with the following format: {property_name=property_value} e.g. {MaxNumberBugs=5}	
Comparison operator:	<input checked="" type="radio"/> is equal <input type="radio"/> isn't equal <input type="radio"/> contains <input type="radio"/> doesn't contain <input type="radio"/> starts with <input type="radio"/> doesn't start with <input type="radio"/> ends with <input type="radio"/> doesn't end with
String value to be compared to:	Yes Field code injector: Summary - [Text] - %{00000}
You can insert field codes into the string (with format %{nnnnn}) that will be replaced with the field values.	
Skip validation when: <small>Inhibit the validator under selected circumstances.</small>	<input type="checkbox"/> Transition is triggered by a bulk operation . <input type="checkbox"/> Transition is triggered by a JIRA Workflow Toolbox post-function . <input type="checkbox"/> Current issue is being created by cloning. Only makes sense in <i>Create Issue</i> transition.

Message to show when validation fails:	Issue reopening is not allowed in current project. Field code injector: Summary - [Text] - %{00000}
Field codes with format %{nnnnn} can be inserted in the failure message and its translations, and they will be replaced with actual field values at runtime. Hide translations for installed languages	
Language	Validation Failure Message Translations
alemán (Alemania)	
español (España)	No está permitida la reapertura de incidencias en el proyecto actual.
francés (Francia)	
inglés (Estados Unidos)	
inglés (UK)	
japonés (Japón)	

Once configured, transition "**Reopen Issue**" looks like this:

```

graph LR
    RESOLVED[RESOLVED] -- "Reopen Issue" --> REOPENED[REOPENED]
    REOPENED
    CLOSED[CLOSED]

```

Screen: Workflow Screen

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The transition requires the following criteria to be valid [Add validator](#)

Project property **ReopeningAllowed** must be equal to "Yes".
 Message to show when validation fails: "Issue reopening is not allowed in current project.", providing translations for the following languages: **español (España)**.

The project property is created in **project's description** as shown:

Edit Project: Customer Relationship Management

Name *	Customer Relationship Management
Key *	CRM edit key
URL	<input type="text"/>
Project Avatar *	 select image
Description	{ReopeningAllowed=Yes}

Jira Workflow Toolbox provides a **Expression Parser**, which is used in the main features of the plugin. This parser provides a set of functions for checking the existence of a project property, and reading its value:

FUNCTION	RETURNED VALUE
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projectProperty(string property_name) : string	Returns a string with the value of project property with name property_name in current issue's project. Shows an error message if project property doesn't exist. Example: projectProperty("maxNumberOfReopenings") returns "3", provided there is a string {maxNumberOfReopenings=3} in the description of current issue's project.
projectProperty(string property_name, string project_key) : string Available since version 2.2	Returns a string with the value of project property with name property_name in project with key project_key . Shows an error message if project property doesn't exist. Example: projectProperty("maxNumberOfReopenings", "CRM") returns "3", provided there is a string {maxNumberOfReopenings=3} in the description of project with key "CRM".
projectPropertyExists(string property_name) : boolean Available since version 2.2	Returns true only if there is a project property with name property_name in current issue's project, i.e., if project's description contains a string like {property_name=value} . Example: projectPropertyExists("maxNumberOfReopenings") returns true only if there is a string like {maxNumberOfReopenings=x} in the description of current issue's project.
projectPropertyExists(string property_name, string project_key) : boolean Available since version 2.2	Returns true only if there is a project property with name property_name in project with key project_key . Example: projectPropertyExists("maxNumberOfReopenings", "CRM") returns true only if there is a string like {maxNumberOfReopenings=x} in the description of project with key "CRM".

The parser is a common feature, making [Project Properties](#) available in the main features of the plugin:

- Condition and Validator [Boolean condition and validator with math. date-time or text-string terms](#)
 - Post-functions [Set a field as a function of other fields](#), [Copy parsed text to a field](#) and [Mathematical and date-time expression calculator](#)
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Usage Examples

Related Features

- [Read a project property](#)
- [Set or create project property](#)