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**.

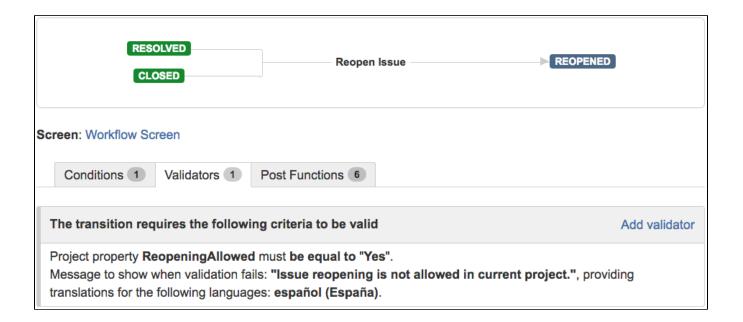
Example: Allowing issue reopening in certain projects, while forbidding it in other ones

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.

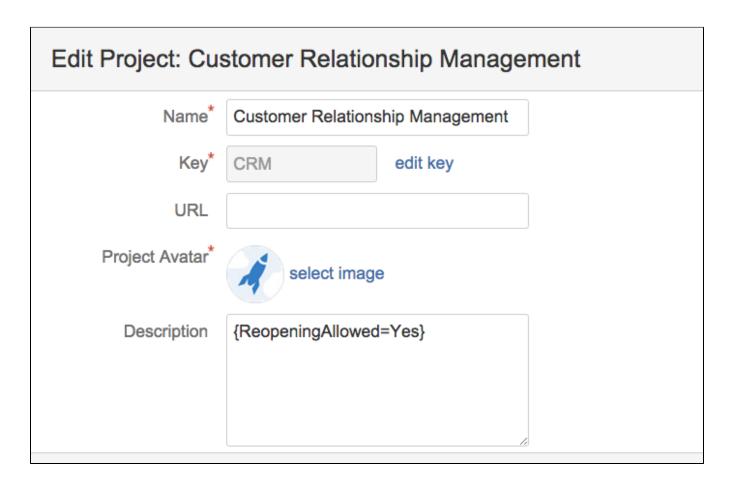
We use **Check project property** validator in transition "**Reopen Issue**" using the following configuration:

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}	
	T	
Comparison operator:	is equal	
	isn't equal	
	o contains	
	odoesn't contain	
	o starts with	
	odoesn't start with	
	o ends with	
	O doesn't end with	
0.1		
String value to be compared	Yes	
to:	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:	☐ Transition is triggered by a bulk operation.	
Inhibit the validator under selected	☐ Transition is triggered by a JIRA Workflow Toolbox post-function.	
circumstances.	Current issue is being created by cloning. Only makes sense in Create Issue transition.	
Message to show when	Issue reopening is not allowed in current project.	
validation fails:	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:



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



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:

<pre>projectProperty(string property_name) : string</pre>	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

Usage Examples

Related Features

- Read a project propertySet or create project property