Limit issue creation per role and issue type

On this page

- Features used to implement the example
- Example: Limit issue creation per role and issue type
- Alternative implementation
- Other examples of that functions
- Related Usage Examples

Features used to implement the example

- **Users in field are (not) in a project role**
- **Boolean validator with math, date-time or text-string terms**

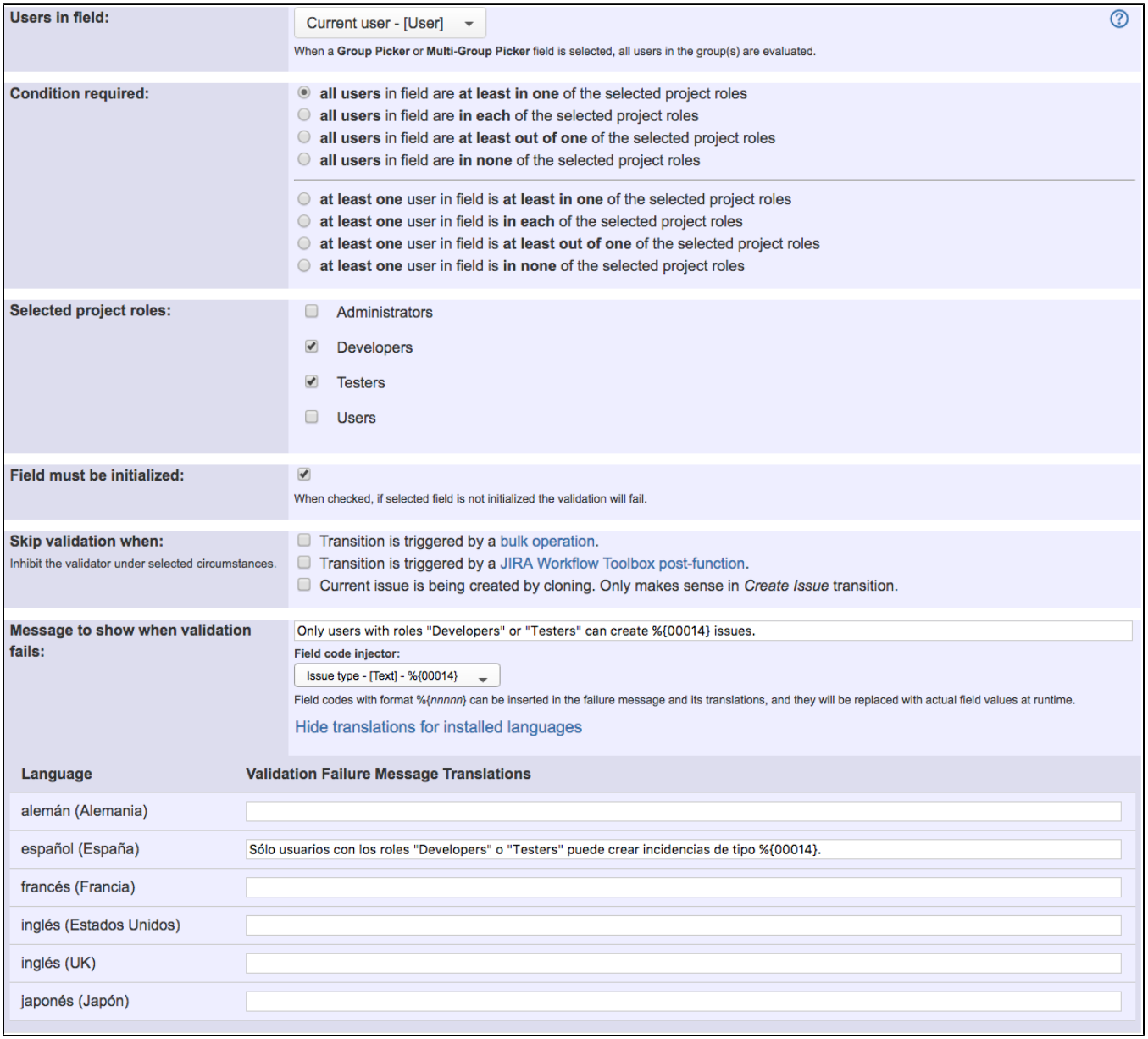
Example: Limit issue creation per role and issue type

A well known limitation of Jira is that it's **not possible** to set **issue creation permissions per Issue Type**. We are going to show how to overcome this limitation by **inserting a validation** in "**Create issue**" transition in a workflow.

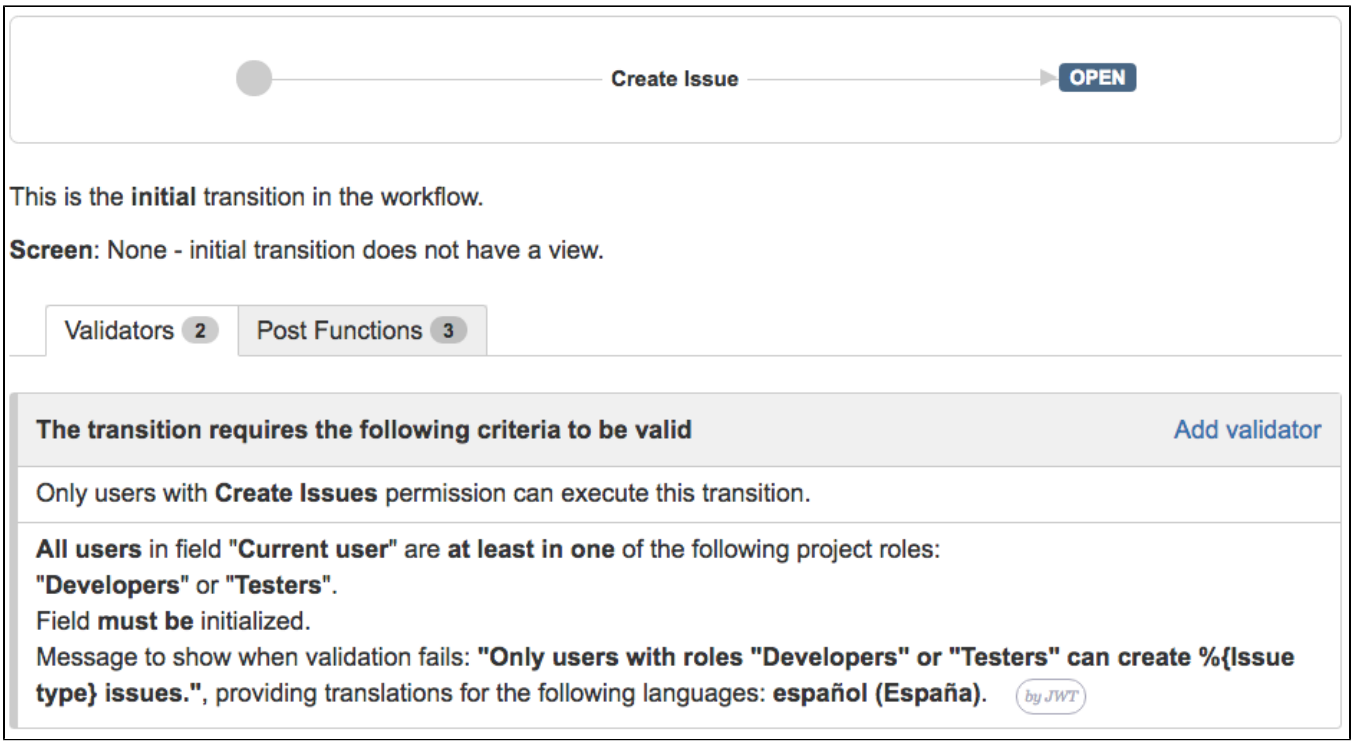
We will show **two different solutions** based on two different features of **Jira Workflow Toolbox**:

- Using validator **Users in field are (not) in a project role**: this solution is suitable when we have a **different workflows per issue type**, or when we don't want to set different issue creation permissions in a same workflow.
- Using validator **Boolean validator with math, date-time or text-string terms**: this solution is suitable when we share a workflow among different issue types, and want to set **different issue creation permissions per Issue Type and Project Role in a same workflow**.

Let's suppose that we want to limit issue creation in a workflow, only to user in project roles "**Developers**" or "**Testers**". To do it we will introduce a validator **Users in field are (not) in a project role** in transition "**Create issue**" with the following configuration:



Once configured, transition "**Create issue**" will look like this:

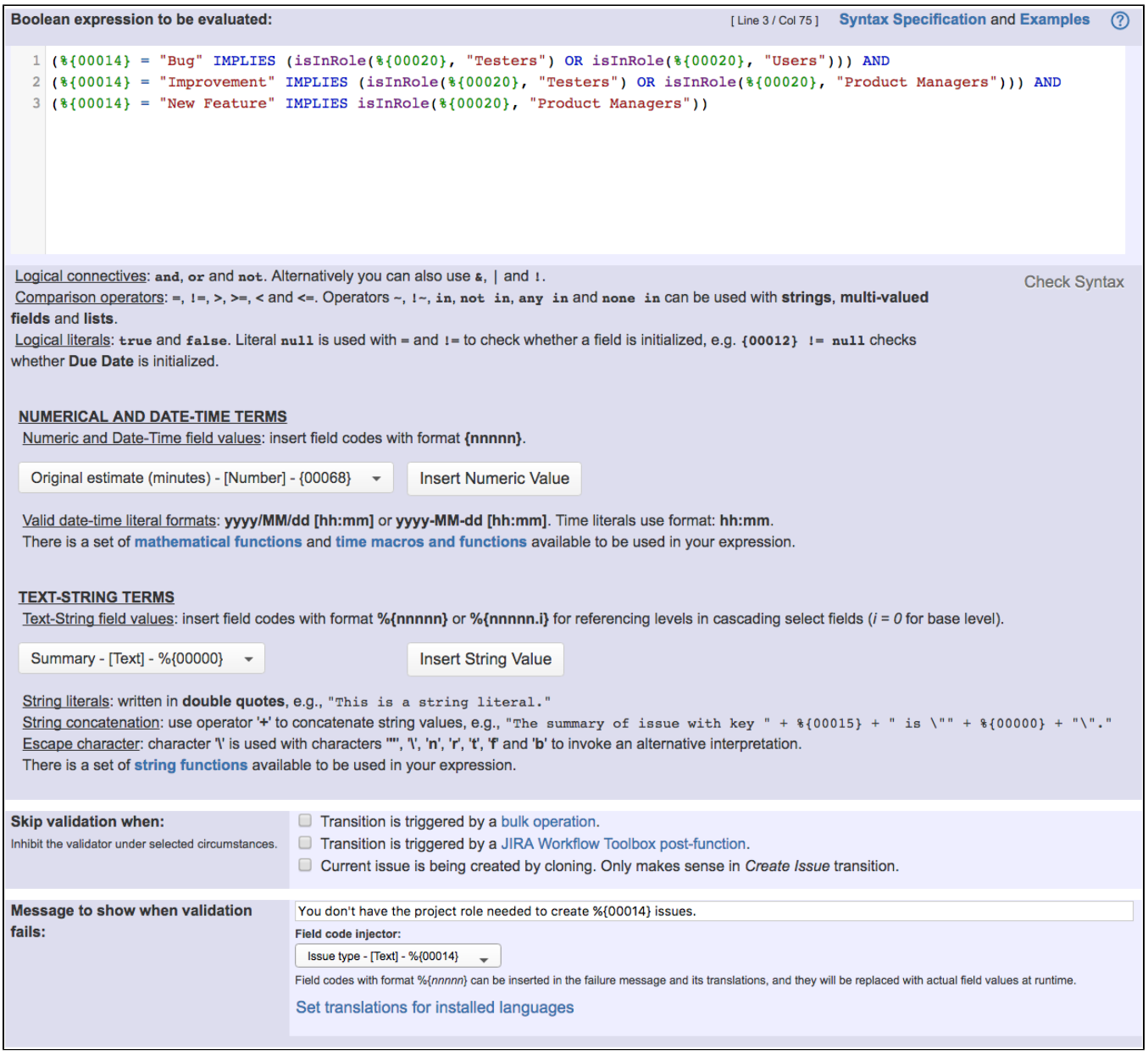


Alternative implementation

Let's we implement in a workflow the following issue creation permissions per issue type and project role:

- Issue type "**Bug**" can only be create by users in project roles "**Users**" or "**Testers**"
- Issue type "**Improvement**" can only be create by users in project roles "**Testers**" or "**Product Managers**"
- Issue type "**New Feature**" can only be create by users in project role "**Product Managers**"

We will introduce in transition "**Create issue**" a validator **Boolean validator with math, date-time or text-string terms** with the following configuration:



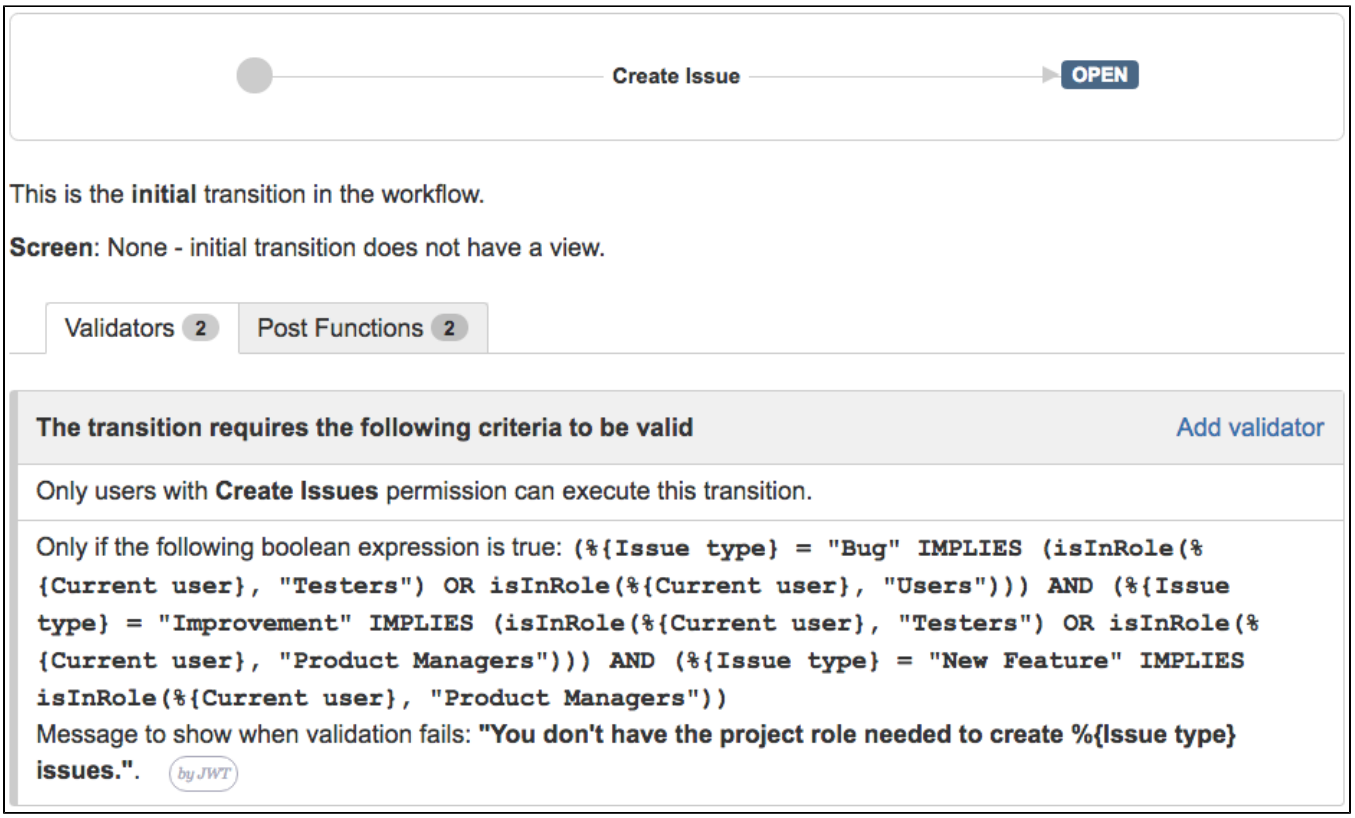
Boolean expression used is:

```
(%{00014} = "Bug" IMPLIES (isInRole(%{00020}, "Testers") OR isInRole(%{00020}, "Users"))) AND (%{00014} = "Improvement" IMPLIES (isInRole(%{00020}, "Testers") OR isInRole(%{00020}, "Product Managers"))) AND (%{00014} = "New Feature" IMPLIES isInRole(%{00020}, "Product Managers"))
```

Note that:

- **%{00014}** is code for "**Issue type**"
- **%{00020}** is code for "**Current user**"

Once configured, transition "**Create issue**" will look like this:



Other examples of that functions

Users in field are (not) in a project role

Page: Limit issue creation per role and issue type

Boolean validator with math, date-time or text-string terms

Page: Block a transition until all sub-tasks have certains fields populated
Page: Block an epic's transition depending on linked issues status and due date
Page: Block or hide a transition for an issue depending on its issue links
Page: Block or unblock a transition after an issue rested a specific time in a status
Page: Block transition until all sub-tasks are in a specific status category
Page: Close parent issue when all sub-tasks are closed
Page: Enforce a field (Select List) to be set when another field (Radio Button) has a certain value (works with any kind of field type)
Page: Ensure that all issues linked with a certain issue link type have "Due Date" field set
Page: If field A is populated then, field B must also be populated
Page: Limit issue creation per role and issue type
Page: Limit the number of hours a user can log per day
Page: Limit valid dates for work logs
Page: Make "Time Spent" field required when there is no time logged in the issue
Page: Make a custom field mandatory when priority is "Critical" or "Blocker" and issue type is "Incident"
Page: Make attachment mandatory depending on the value of certain custom field
Page: Make different fields mandatory depending on the value of a Select List custom field
Page: Make linked issues, sub-tasks and JQL selected issues progress through its workflows
Page: Make parent issue progress through its workflow
Page: Prevent issue creation if another issue with same field value already exists
Page: Reject duplicated file names in attachments

Related Usage Examples

- Block or unblock a transition after an issue rested a specific time in a status
  - example
  - condition
  - validator
  - transition
- Validation based on the value of a date type project property
  - example
  - validator
- Validation on sibling sub-tasks depending on issue type and status
  - example
  - validator
  - sub-task
  - transition
- Validation on MIME types of issue attachments
  - example
  - validator
- Validation on the value of a Cascading Select field
  - example
  - validator
  - custom-field
- Validation and condition based on time expressions
  - example
  - condition
  - validator
  - transition
- Validate only issue links created in transition screen
  - example
  - validator
  - issue-links
- Limit the number of hours a user can log per day
  - example
  - validator
  - post-function
  - work-log
- Require issue link when resolving as duplicate

Page: Require at least one sub-task in status "Resolved" or "Closed" when "Testing required" is selected in Check-Box custom field
Page: Require issue link when resolving as duplicate
Page: Restrict parent issue from closing if it has sub-tasks that were created during a given parent issue status
Page: Restrict sub-task type creation depending on parent issue status
Page: Restrict sub-task type creation depending on parent issue type
Page: Set a condition in a global transition which only applies in a certain status
Page: Validate a custom field "Story Points" has been given a value in Fibonacci sequence
Page: Validate compatible values selection among dependent custom fields
Page: Validate only issue links created in transition screen
Page: Validate that multi-user picker custom field A does not contain any user in multi-user picker custom field B
Page: Validation and condition based on time expressions
Page: Validation based on the value of a date type project property
Page: Validation on issue attachments
Page: Validation on MIME types of issue attachments
Page: Validation on sibling sub-tasks depending on issue type and status
Page: Validation on the value of a Cascading Select field

- example
- validator
- issue-links

- Make "Time Spent" field required when there is no time logged in the issue
  - example
  - validator
  - work-log
- Make different fields mandatory depending on the value of a Select List custom field
  - example
  - validator
  - custom-field
- Validate compatible values selection among dependent custom fields
  - example
  - validator
  - custom-field
- Reject duplicated file names in attachments
  - example
  - validator
- Restrict sub-task type creation depending on parent issue status
  - example
  - validator
  - sub-task
- Make a custom field mandatory when priority is "Critical" or "Blocker" and issue type is "Incident"
  - example
  - validator
  - custom-field