Resolve issues when all options of a checklist are checked

On this page

Use case

Sometimes resolving issues depends on fields set to a specific value. In this case, the issue is **automatically resolved and transitioned** to "**Done**" when all options of the **checkbox** custom field are ticked.

Field changed event

1 **Create a new rule** and name it appropriately.

Providing a description will help you to identify what the rule does but this step is **optional**.

2 Add a **Trigger Field changed event**

1 **Field**

Choose your **checkbox custom field**

2 **Changed to**

Choose **Any value**

No further configuration needed. The automation rule is triggered every time an issue is being transitioned.

Boolean condition

3 Add **Condition Boolean condition**

4 Use the following **Parser Expression:**

```
numberOfSelectedItems(%{trigger.issue.cl1500}) = numberOfAvailableItems(%{trigger.issue.
cf11500})
#Replace field code with the field code of your custom field. Use the field dropdown to
automatically insert the field code
```

more info...

- **cf11500** is the **field code** for the custom **checkbox field**. The field code will differ in your instance.
- numberOfSelectedItems() and numberOfAvailableItems() are functions that can be used with any selectable field.

Transition issue action

5 Add **Action Transition issue**

6

1 **Mode**

Choose **Transitions to status**

2 **Status**

Choose **Done**

The target status has to be reachable from the current status, otherwise, the action **will not be executed**.

7 Enable the rule by clicking on the **Enable button**

Screencast

This is how the configuration above should look on your screen

Your browser does not support the HTML5 video element

Import the example

Import the **JSON** file below to get started in no time.

JSON

After importing the JSON file, make sure to **check** the **configuration** of the rule. Non-existing configuration elements (issue types, fields, values etc.) will be highlighted.

```json
{
    "name": "Resolve issues when all options of a checklist are ticked",
    "description": "",
    "creator": "admin",
    "status": false,
    "triggerData": "",
    "triggerType": "FIELD_CHANGED_EVENT",
    "configuration": {
        "refs": [
            "issue",
            "system",
            "trigger.issue",
            "trigger.parent"
        ],
        "fieldId": "12200",
        "option": "any",
        "triggerType": ""
    },
    "children": [
        {
            "sequence": 0,
            "type": "BOOLEAN_CONDITION",
            "ruleEntityType": "CONDITION",
            "configuration": {
                "refs": [
                    "issue",
                    "project",
                    "system",
                    "trigger",
                    "trigger.issue",
                    "trigger.parent"
                ],
                "expression": "numberOfSelectedItems(%{trigger.issue.cf12200}) = numberOfAvailableItems(%
{trigger.issue.cf12200})",
                "expressionParsingMode": "logical",
                "actingUser": "field_00020"
            },
            "children": [
                {
                    "sequence": 0,
                    "type": "TRANSITION_ISSUE",
                    "ruleEntityType": "ACTION",
                    "configuration": {
                        "refs": [
                            "issue",
                            "project",
                            "system",
                            "trigger",
                            "trigger.issue",
                            "trigger.parent"
                        ],
                        "option": "status",
                        "status": "10012",
                        "actingUser": "field_00020"
                    },
                    "children": null,
                    "hasChildren": false
                }
            ],
            "hasChildren": true
        }
    ],
    "hasChildren": true
}
```

Related use cases

Title	Automated action	JWT feature	Label
Transition affected issues when releasing a version (manually)	Transition issue action	⚡	
Close epic when stories are done	Transition issue action	⚡	
Automatically close parent when all sub-tasks are done	Transition issue action	⚡	STAFF PICK
Resolve issues when all options of a checklist are checked	Transition issue action	⚡	
Schedule issues for re-submission	Transition issue action	⚡	
Schedule the escalation of overdue issues	Transition Issue	⚡	
Keep the status of parents and sub-tasks in sync	Transition issue action	⚡	STAFF PICK
Transition affected issues when releasing a version (automatically)	Transition issue action	⚡	STAFF PICK
Transition issues when assigned to a developer	Transition issue action	⚡	
Automatically close sub-tasks when parent is completed	Transition issue action	⚡	STAFF PICK
Re-open issue when a new comment is added	Transition issue action	⚡	
Close stories when epic is done	Transition issue action	⚡	

If you still have questions, feel free to refer to our support team.