

# Keep the status of parents and sub-tasks in sync

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## Use case

Keeping parent issues and sub-tasks in sync, as described in [this use case](#), is a lot of manual work. This automation rule will update the status of all sub-tasks based on the **parent status**: When the parent issue is rejected, all sub-tasks are also being rejected.

## Should I use an automation rule or a workflow post function?

### When to use this automation rule and when to use a workflow post function?

This use case is very useful, if there are several software projects with different workflows where all related issues have to be closed on releasing a new version. Configuring just one automation rule might then be the easier way to go. But if this scenario is only necessary for one workflow, the [Transition Issues post function](#) would make more sense. In this case you might want to check out our [corresponding post function use case](#).



## Issue transitioned 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** **Issue transitioned event**

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



## Boolean condition

3

Add a **Condition** **Boolean Condition**

4

**Expression**

Use the following **Parser Expression**:

```
%{trigger.issue.status} = "Rejected"
```

more info...

Boolean expressions are **logical constructions** that return **true** or **false** .

In this use case, the expression will only return true if the status of the **issue triggering the rule** is

REJECTED



## Issue selector

5

Next to the **Boolean Condition** click on **Add Selector Issue Selector**

6

**Target Issue(s)**

Choose **Sub-tasks**



## Transition issue action

7

Next to the **Issue Selector** click on **Add Action Transition issue**

1

**Mode**

Transition to status

2

**Status**

Choose **Rejected**

8

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.

```
{
  "name": "Keep the status of parents and sub-tasks in sync",
  "description": "",
  "creator": "admin",
  "status": false,
  "triggerData": "",
  "triggerType": "ISSUE_TRANSITIONED_EVENT",
  "configuration": {
    "refs": [
      "issue",
      "system",
      "trigger.issue",
      "trigger.parent"
    ],
    "triggerType": ""
  },
  "children": [
    {
      "sequence": 1,
      "type": "BOOLEAN_CONDITION",
      "ruleEntityType": "CONDITION",
      "configuration": {
        "refs": [
          "issue",
          "project",
          "system",
          "trigger",
          "trigger.issue",
          "trigger.parent"
        ],
        "expression": "%{trigger.issue.status} = \"Rejected\"",
        "expressionParsingMode": "logical",
        "actingUser": "field_00020"
      },
      "children": [
        {
          "sequence": 0,
          "type": "ISSUE_SELECTOR",
          "ruleEntityType": "SELECTOR",
          "configuration": {
            "refs": [
              "issue",
              "project",
              "system",
              "trigger",
              "trigger.issue",
              "trigger.parent"
            ],
            "option": "subtasks",
            "issueListExpressionParsingMode": "issues",
            "actingUser": "field_00020"
          },
          "children": [
            {

```

```

        "sequence": 0,
        "type": "TRANSITION_ISSUE",
        "ruleEntityType": "ACTION",
        "configuration": {
          "refs": [
            "issue",
            "issues",
            "project",
            "selector.issue",
            "selector.parent",
            "system",
            "trigger",
            "trigger.issue",
            "trigger.parent"
          ],
          "option": "status",
          "status": "10002",
          "actingUser": "field_00020"
        },
        "children": null,
        "hasChildren": false
      },
    ],
    "hasChildren": true
  },
  ],
  "hasChildren": true
},
],
"hasChildren": true
}

```



## Related use cases

| Title                                                  | Automated action        | JWT feature                                                                           | Label      |
|--------------------------------------------------------|-------------------------|---------------------------------------------------------------------------------------|------------|
| Automatically close parent when all sub-tasks are done | Transition issue action |  | STAFF PICK |
| Automatically close sub-tasks when parent is completed | Transition issue action |  | STAFF PICK |
| Close epic when stories are done                       | Transition issue action |  |            |
| Close stories when epic is done                        | Transition issue action |  |            |
| Keep the status of parents and sub-tasks in sync       | Transition issue action |  | STAFF PICK |
| Re-open issue when a new comment is added              | Transition issue action |  |            |

|                                                                     |                         |                                                                                     |            |
|---------------------------------------------------------------------|-------------------------|-------------------------------------------------------------------------------------|------------|
| 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        |  |            |
| Transition affected issues when releasing a version (automatically) | Transition issue action |  | STAFF PICK |
| Transition affected issues when releasing a version (manually)      | Transition issue action |  |            |
| Transition issues when assigned to a developer                      | Transition issue action |  |            |

If you still have questions, feel free to refer to our [support](#) team.