

# Create sub-tasks depending on selected values in a custom field

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## Use case

Creating **repetitive issues** might be **time-consuming work**, especially when done on a daily basis. This automation rule can be used for **pre-configuring sub-tasks**.

Each time a new task is created, all needed sub-tasks will be created **depending on the selected values in a checkbox field**.

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 repetitive issues have to be created in several projects that have different workflows. Configuring just one automation rule might then be the easier way to go.

But if this scenario is only necessary for one project and workflow, the [Create issue post function](#) would make more sense. In this case you might want to check out our [corresponding post function use case](#).



## Issue Created 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 event** **Issue Created**



## Create issue

3

Add Action **Create issue**

## Issue Details

1

### Issues to be created

Choose **Multiple issues**

2

### Parser Expression

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

with the **Parsing mode** set to **String List**

**cf11500** is the **field code** for the custom **checkbox field** to be summed up. The field code will differ in your instance.

3

### Issue type

Choose **Sub-task**

4

### Parent issue

Choose **Trigger issue**

## Fields

1

### Summary

Use the following parser expression in the **Advanced text parsing mode**:

```
^%  
# This is a reference to each value returned by the string list
```

more info...

Use **#** to add comments in parser expressions.



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": "Create sub-tasks depending on selected values in custom field",
  "description": "",
  "creator": "admin",
  "status": false,
  "triggerData": "1",
  "triggerType": "ISSUE_EVENT",
  "configuration": {
    "refs": [
      "issue",
      "system",
      "trigger.issue",
      "trigger.parent"
    ],
    "triggerType": "1"
  },
  "children": [
    {
      "sequence": 0,
      "type": "CREATE_ISSUE",
      "ruleEntityType": "ACTION",
      "configuration": {
        "refs": [
          "issue",
          "project",
          "system",
          "trigger",
          "trigger.issue",
          "trigger.parent",
          "remote.strings"
        ],
        "issueSelectionParserValue": "toStringList(%{trigger.issue.cf12200})",
        "issueSelectionParserValueParsingMode": "strings",
        "issuetype": "5",
        "parentSelection": "eventIssue",
        "parentIssueKeyParsingMode": "textBasic",
        "projectKeyParsingMode": "textBasic",
        "actingUser": "field_00020",
        "summary": "^%",
        "summaryParsingMode": "textAdvanced",
        "descriptionParsingMode": "textBasic",
        "inheritFieldsFrom": "none",
        "inheritFieldsIssueKeyParsingMode": "textBasic",
        "inheritIssueLinks": "none",
        "inheritIssueLinksIssueKeyParsingMode": "textBasic",
        "fields": [],
        "issueLinks": [],
        "issueSelection": "strings",
        "inheritFields": []
      },
      "children": null,
      "hasChildren": false
    }
  ],
  "hasChildren": true
}

```



## Related use cases

Title	Automated action	JWT feature	Label
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Add sub-tasks to an automatically created issue	Create issue action	 
Create sub-tasks depending on selected values in a custom field	Create issue action	
Add sub-tasks to an issue on creation	Create issue action	
Manually create test issues	Create issue action	

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