

Keep the priority of parents and sub-tasks in sync

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Use case

Often it is necessary to **keep parent issues and sub-tasks in sync**. To do so, the following automation rule comes with a handy configuration that automatically updates specific sub-tasks' field values with their corresponding parent issue's value.

In our use case we want to automatically update the **priority** field.



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 **Priority**

2

Changed to

Choose **Any value**



Issue selector

3

Add **Selector** **Issue selector** **Sub-tasks**

No further configuration needed.



Update field configuration

4

1

Next to **Issue selector** click on **Add Action Update Field**

2

Field

Choose **Priority**

3

Update to

Choose **Value returned by parsed expression**

4

Parser Expression

```
%{trigger.issue.priority}  
# Since we want to get the value from that issue that is triggering the rule,  
we add the "trigger" prefix.
```

Both **basic text** and **advanced text parsing modes** work for this expression.

5

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 priority of parents and sub-tasks in sync",
  "description": "",
  "creator": "admin",
  "status": false,
  "triggerData": "",
  "triggerType": "FIELD_CHANGED_EVENT",
  "configuration": {
    "refs": [
      "issue",
      "system",
      "trigger.issue",
      "trigger.parent"
    ],
    "fieldId": "00017",
    "option": "any",
    "triggerType": ""
  },
  "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": "UPDATE_FIELD",
          "ruleEntityType": "ACTION",
          "configuration": {
            "refs": [
              "issue",
              "issues",
              "project",
              "selector.issue",
              "selector.parent",
              "system",
              "trigger",
              "trigger.issue",
              "trigger.parent"
            ],
            "fieldId": "00017",
            "mode": "parser",
            "value": "%{trigger.issue.priority}",
            "valueParsingMode": "textAdvanced",
            "sendMail": "true",
            "actingUser": "field_00020"
          },
          "children": null,
          "hasChildren": false
        }
      ],
      "hasChildren": true
    }
  ],
  "hasChildren": true
}

```



Related examples

Title	Automated action	JWT feature	Label
Inherit value from parent in Advanced Roadmaps hierarchy	Update field action		
Copy excerpted value from new comments	Update field action		
Bulk clear the issue resolution	Update field action		STAFF PICK
Add components of the epic to the current issue	Update field action		
Sum up value in parent issue on field change in sub-tasks	Update field action		
Delete the attachments of an issue 30 days after closing it	Update field action		
Update assignee and reporter to facilitate user deletion	Add comment action		STAFF PICK
	Assign issue action		
	Update field action		
Bulk edit the issue resolution	Update field action		STAFF PICK
Keep the priority of parents and sub-tasks in sync	Update field action		

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