

# Sum up value in parent issue on field change in sub-tasks

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### Use case

When a custom "Number field" is **changed in a sub-task**, a corresponding field in the parent issue, representing the sum of those field values, will be **automatically updated**.

The rule executes every time the field is being updated on a sub-task.

Don't want to use an automation rule? Just take a look at our [example](#) using [calculated number fields](#) and give it a try!



### 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

**Fields\***

Choose your custom **Number Field**

2

**Changed to\***

Choose **Any value**



### Issue selector

3

Add **Selector** **Issue selector**

4

**Target Issue(s)\***

Choose **Parent Issue**



## Update field action

5

Next to the **Issue Selector** click on **Add Action Update field**

1

**Field\***

Choose your custom **Number Field**

2

**Update to\***

Choose **Value returned by parsed expression**

3

**Parser Expression\***


Set the mode to Advanced and enter the following **Parser Expression**

```
sum(fieldValue({issue.cf11502}, subtasks()))  
#Replace field code with the field code of your custom field. Use the field  
dropdown to automatically insert the field code
```



**cf11502** is the **field code** for the custom **number field** to be summed up. The field code will differ in your instance.

6

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



## Screencast

This is how the configuration above should look on your screen

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You can get the same result by configuring a [Calculated Number Field](#).



## Related use cases

Use case	Automated action	Use case description	Complexity
Sum up value in parent issue on field change in sub-tasks	<b>Update Field</b>	Calculate <b>field values from all sub-tasks</b> and writes the <b>sum</b> into a corresponding field in the parent issue.	INTERMEDIATE

Keep the priority of parents and sub-tasks in sync	<b>Update Field</b>	When the <b>priority</b> of a <b>parent issue</b> is updated, all <b>sub-tasks</b> will be <b>updated</b> accordingly.	BEGINNER
Update assignee and reporter to facilitate user deletion	<b>Add comment</b> <b>Assign issue</b> <b>Update field</b>	To facilitate deleting a user account, all issues will be <b>reassigned</b> and the <b>reporter changed</b> to avoid potential problems when deleting the user.	INTERMEDIATE

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