

Obtain the difference between two dates

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Use case

Update a number field with the difference in days between two dates obtained from two *Date Picker* fields.



Prerequisites

Set up the custom field

1

Create a **Number custom field**

Name: Time Difference

2

Add it to the screens of your choice.



Configuration

1

Add the post function [Update fields](#) to the transition of your choice.

2

Target issue*

Select **current issue**

3

Fields

1

Field*

Select **Time Difference**, the field previously created

2

Value*

Select **Set field value manually (parser expression)** and enter the following expression with the expression editor in **Jira expression** mode:

```
((new Date(issue?.customfield_10043 + "T00:00:00").getTime() - new Date(issue?.customfield_10040 + "T00:00:00").getTime())) / 1000 / 60 / 60 / 24
```

Replace the field codes of the expression with the ones of your *Date Picker* fields.

With the current configuration, this expression will return the number of days between the first date and the second one. In order to display the number of hours, remove */24* from the expression.

Variation

If you prefer to use our parsing mode, you can set the expression editor to **General mode** and create an expression as follows:










```
%{({issue.cf10001}-{issue.cf10002})/1000 /60 /60 /24}
```

Do not forget to surround the operation with an additional `%{ }`



Related use cases

Use case	JWT feature	Workflow function	Parser functions	Label
Add a sub-task's summary and key to the description of its parent		Update fields		
Add three days skipping weekends automatically to a Date Picker		Update fields	dateTimeToString() dayOfTheWeek() addDays()	
Add watchers from another field		Update fields Transition issue	union() toStringList()	
Assign an issue to the project lead, if the issue is unassigned on creation		Update fields		
Assign an issue to the user who last commented on it		Update fields		

Assign important issues to the project lead		Update fields	
Copy field values from epic to issues under it after creation		Update fields Transition issue	epic() issuesUnderEpic() filterByStatus()
Copy labels of a sub-task to the parent issue upon closing		Update fields	
Keep parent's priority in sync		Update fields	
Obtain the difference between two dates		Update fields	
Set a date field to a future date		Update fields	dateTimeToString()
Set a date field to the current date		Update fields	dateTimeToString()
Set Fix version to Affects version when resolving an issue		Update fields	
Set the priority to Highest if the 'Infrastructure' component is selected		Update fields	

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