

Set Due Date with latest value among sub-tasks

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Use case

In Jira, work can be split up into several issues. One bigger task can be split up into several sub-tasks. For keeping track of the current status, due dates can be used to indicate, when the issue should be finished. As new sub-tasks are created and the work load increases, the due date of the parent issue might not be up-to-date anymore.

In the following use case we therefore are going to set the **parent issue's due date to the latest one among all sub-tasks**.



Configuration

1

Add the [Update or copy field values](#) post function to the **create transition of the sub-tasks' workflow**.

This way the due date will be automatically updated as soon as a new sub-task is created.

2

Target issue

Choose **Parent issue**

3

Fields

1

Field

Choose **Due Date**

2

Value

Choose **Set field value manually**

3

Expression

```
max(fieldValue({issue.dueDate}, siblingSubtasks()))
```

By using this expression, the **latest due date** within all **sibling sub-tasks** will be grabbed.

The used functions are:

- [max\(\)](#)
- [fieldValue\(\)](#)

- `siblingSubtasks()`



Screenshots

Update parameters of the Update or copy field values Function for this transition.

Update parameters of the Update or copy field values Function for this transition.

Basic configuration*

Define the required parameters needed to execute this post function.

Target issue*

Parent issue

Select the issues to be updated.

Fields*

Define the fields to be updated.

Field	Value	Write protection
Due date	Parser expression	123 max(fieldValue(issue. ...
Add field		

> Additional options

> Conditional execution

> Run as

Update or copy field values



Documentation

Update one or multiple issue fields or copy field values across the same issue or related issues (parent / child, Epic / Story, linked issues and more).

Workflow

JWT 3.0.0 Use cases



Examples

Pick one of the following example configuration and get started in no time. More details will be provided upon your selection.

- Assign issue to current user
- Keep parent's priority in sync
- Assign important issues to the project lead



Related use cases

Use case	JWT feature	Workflow function	Parser functions	Label
Add days skipping weekends and holidays to a Date Picker field		Update or copy field values	<code>addTime()</code>	
Add or remove request participants		Update or copy field values		
Add watchers ignoring inactive users		Update or copy field values	<code>usersInGroup()</code> <code>isActive()</code> <code>toString()</code> <code>filterByPredicate()</code>	
Assign important issues to the project lead		Update or copy field values		
Assign issue to current user		Update or copy field values		

Automatically fill an insight custom field after a transition		Update or copy field values	
Change the assignee to the next evaluator		Update or copy field values	first() toStringList()
Create an internal Service Management comment on linked issues		Update or copy field values	
Keep parent issue's priority in sync		Update or copy field values	
Keep track of important status updates		Update or copy field values Fields required or changed	dateTimeToString()
Match several values of a list		Update or copy field values	toString() distinct() filterByPredicate()
Prioritize the issues globally		Update or copy field values	indexOf() previousValue() issuesFromJQL()
Set a date on the same week day on alternate weeks		Update or copy field values	addDays() nextDayOfTheWeek() modulus() weekOfTheYear() datePart()
Set a Date Picker field to the nth day of the month		Update or copy field values	dayOfTheMonth() lastDayOfTheMonth() addDays()
Set assignee based on a former assignee		Update or copy field values	previousValue()
Set Due Date with latest value among sub-tasks		Update or copy field values	fieldValue() max() siblingSubtasks()
Set fix version based on its start and release date		Update or copy field values	toString() textOnStringList() unreleasedVersions() startDates() releaseDates() first()
Set the next fix version		Update or copy field values	floor() toNumber() substring() length()
Shorten the summary to a maximum number of characters		Update or copy field values	substring() length()

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