

Add days skipping weekends and holidays to a Date Picker field

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Use case

This use case explains how to add a fix number of days to a custom field skipping weekends and holidays according to a pre-set calendar.



Prerequisites

Set a JWT calendar

1

Create a [JWT calendar](#) and name it "my_calendar" and configure it as follows:

```
MON - FRI { 00:00-00:00; }  
  
# HOLIDAYS  
DEC/22 - JAN/02 { ; }
```

You can visit [JWT calendar specification](#) for more information about how to configure a JWT calendar to fit to your needs.



Configuration

1

Add the [Update or copy field values](#) post function to the desired transition or create a new transition.

2

Target issue

Choose **Current issue**

3

Fields

1

Field

Choose the **Date Picker field**

2

Value

Choose **Set field value manually**

3

Expression

```
addTime({issue.cfDatePicker}, 14 * {DAY}, "my_calendar", LOCAL)
```

This expression will add 14 days skipping weekends and holidays to a date picker field.

The field code of the custom field `{issue.cfDatePicker}` must be replaced with the corresponding one of your instance.



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	addTime()	
Add or remove request participants		Update or copy field values		
Add watchers ignoring inactive users		Update or copy field values	usersInGroup() isActive() toString() filterByPredicate()	
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 a date two months after the end of the quarter		Update or copy field values	nextTime() addMonths()
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](#).