

nextTime()

This function checks whether, a given **timestamp** (e.g. the due date of an issue) falls into a timeframe specified in a [JWT calendar](#).

If it falls into the time frame, the **value** will be **returned**, otherwise the **next possible** timestamp based on a [JWT calendar specification](#).

Syntax

```
nextTime(timestamp, calendarName, timeZone) #Output: Number
```

Examples

Assumption: A custom JWT calendar called "**my_calendar**" has been defined as follows:

```
MON - THU {  
  08:00 - 15:00,  
  16:00 - 19:30;  
}  
  
FRI {  
  08:00 - 15:00;  
}
```

Parser expression	Description
<pre>nextTime(2020/12/01 01:00, "my-calendar", LOCAL)</pre>	<p>This example returns a timestamp representing:</p> <p>"2020/12/01 08:00"</p> <p>The next valid timestamp is 8AM on the same day, December 12th (which is a Tuesday).</p>
<pre>nextTime(2020/12/01 15:00, "my-calendar", LOCAL)</pre>	<p>This example returns a timestamp representing:</p> <p>"2020/13/04 08:00"</p> <p>The next valid timestamp is 8AM on the next day, December 13th.</p>

Additional information

Parameters used in this function:

Parameter	Input(data type)	Description
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timestamp	<input type="text" value="NUMBER"/>	The parameter must be valid timestamp . Usually this value is retrieved from a field (e.g. due date, created date).
calendarName	<input type="text" value="TEXT"/>	The name of the used JWT calendar .
timeZone	<input type="text" value="TIMEZONE"/>	The time zone used for the calculation.

Output

This functions returns a representing a timestamp.

Variant of the function where you can define an additional [JWT calendar specification](#).

Syntax

```
nextTime(timestamp, calendarName, additionalSpecifier, timeZone) #Output: Number
```

Examples

Assumption: A custom JWT calendar called "**my_calendar**" has been defined as follows:

```
MON - THU {
    08:00 - 15:00,
    16:00 - 19:30;
}

FRI {
    08:00 - 15:00;
}
```

Parser expression	Description
<p>Example without an additional term:</p> <pre>nextTime(2020/12/01 15:00, "my_schedule", "2020/12/04 {:}", LOCAL)</pre>	<p>This example returns a timestamp representing:</p> <p>"04/Dec/20 1:00 PM"</p> <p>The next valid timestamp is 8AM on the first day after December 4th, which is December 5th.</p>

Additional information

Parameters used in this function:

Parameter	Input(data type)	Description
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timestamp	<input type="text" value="NUMBER"/>	The parameter must be valid timestamp . Usually this value is retrieved from a field (e.g. due date, created date).
calendarName	<input type="text" value="TEXT"/>	The name of the used JWT calendar .
additionalSpecifier	<input type="text" value="TEXT"/>	A text containing an additional JWT calendar specification .
timeZone	<input type="text" value="TIMEZONE"/>	The time zone used for the calculation.

Output


This function returns a representing a timestamp.

The output can be written into any Jira field of type **Date Picker** ore **Date Time Picker**.

Another very common use case is to use this function in one of the [JWT calculated date-time fields](#).



Use cases and examples

Use case	JWT feature	Workflow function	Field type	Automated action	Parser functions
Set a date two months after the end of the quarter		Update or copy field values			nextTime() addMonths()