

dateTime()

This function **creates a timestamp** in milliseconds based on **input values**.

Syntax

dateTime(year, month, day, hour, minute, timeZone) #Output: Number

Examples

Parser Expression	Description
dateTime(2020, 03, 01, 15, 30, LOCAL)	This example returns the timestamp of March 1st, 2020 15:30 in milliseconds.

Additional information

Parameters used in this function

Parameter	Input (data type)	Description
year	<input type="text" value="NUMBER"/>	The year as number, e.g. 2020, 2015 or 2010.
month	<input type="text" value="NUMBER"/>	The month as number, e.g. 1, 5 or 12 (starting with 1 = January, ..., 12 = December).
day	<input type="text" value="NUMBER"/>	The day as number.
hour	<input type="text" value="NUMBER"/>	The hour in 24h format, e.g. 1, 12 or 23.
minute	<input type="text" value="NUMBER"/>	The minute as number.
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](#).

This function can come in handy when trying to create custom dates without calculating them based on existing dates.

Use case	JWT feature	Workflow function	Field type	Automated action	Parser functions
Prevent setting due dates outside business hours		Logical validator Logical condition			withinCalendar()
Add comment when creating issues outside of business hours		Add comment			withinCalendar()