

# dateTimeToString()

This function returns the full timestamp (date and time) of **any given date** in **text form**.

### Syntax

```
dateTimeToString(timestamp, timeZone, language) #Output: Text
```

### Examples

| Parser Expression                                                            | Description                                             |
|------------------------------------------------------------------------------|---------------------------------------------------------|
| <code>%{dateTimeToString({issue.created}, RUN_AS_LOCAL, RUN_AS_LANG)}</code> | This example could return:<br><b>18/May/20, 7:52 am</b> |

### Additional information

Parameters used in this function

| Parameter | Input (data type)                     | Description                                                                                                                                |
|-----------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| timestamp | <input type="text" value="NUMBER"/>   | The parameter must be valid <b>timestamp</b> . Usually this value is retrieved from a <a href="#">field</a> (e.g. due date, created date). |
| timeZone  | <input type="text" value="TIMEZONE"/> | The <b>time zone</b> used for the conversion.                                                                                              |
| language  | <input type="text" value="LANGUAGE"/> | The <b>language</b> used for the conversion.                                                                                               |

### Output

This function returns a

Variant where you can additionally define a **custom date time pattern** ([see documentation](#)).

### Syntax

```
dateTimeToString(timestamp, dateTimePattern, language) #Output: Text
```

### Examples

| Parser expression | Description |
|-------------------|-------------|
|-------------------|-------------|

```
%{dateTimeToString({issue.created}, "YYYY.MM.DD [at] HH:mm:ss", "en_GB")}
```

This example could return:

**2020.05.18 at 07:52:02**

## Additional information

Parameters used in this function

| Parameter       | Input (data type)                     | Description                                                                                                                                |
|-----------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| timestamp       | <input type="text" value="NUMBER"/>   | The parameter must be valid <b>timestamp</b> . Usually this value is retrieved from a <a href="#">field</a> (e.g. due date, created date). |
| dateTimePattern | <input type="text" value="TEXT"/>     | A date time pattern in text form according to the <a href="#">moment patterns</a> .                                                        |
| language        | <input type="text" value="LANGUAGE"/> | The <b>language</b> used for the conversion.                                                                                               |

## Output

This function returns a

Variant where you can specify a **custom format** according to the **date time pattern** ([see documentation](#)) and additionally a **time zone**.

### Syntax

```
dateTimeToString(timestamp, dateTimePattern, timeZone, language) #Output: Text
```

## Examples

| Parser expression                                                                                   | Description                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>%{dateTimeToString({issue.created}, "dddd, MMMM Do YYYY, h:mm:ss a", "MST", "en")}</pre>       | This example will return:<br><br>The <b>issue's creation date</b> in a readable way using the Mountain Time Zone e.g. <b>Friday, March 6th 2020, 2:29:21 am</b> |
| <pre>%{dateTimeToString(0, "dddd, MMMM Do YYYY, h:mm:ss a", "Pacific/Auckland", RUN_AS_LANG)}</pre> | This example will return:<br><br><b>Thursday, January 1st 1970, 12:00:00 pm</b>                                                                                 |

## Additional information

Parameters used in this function

| Parameter | Input (data type)                   | Description                                                                                                                                  |
|-----------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| timestamp | <input type="text" value="NUMBER"/> | The parameter must be a valid <b>timestamp</b> . Usually this value is retrieved from a <a href="#">field</a> (e.g. due date, created date). |

|                 |                                   |                                                                                     |
|-----------------|-----------------------------------|-------------------------------------------------------------------------------------|
| dateTimePattern | <input type="text" value="TEXT"/> | A date time pattern in text form according to the <a href="#">moment patterns</a> . |
| timeZone        | <input type="text" value="TEXT"/> | The <b>time zone</b> used for the conversion.                                       |
| language        | <input type="text" value="TEXT"/> | The <b>language</b> used for the conversion.                                        |

## Output

This function returns a

This function is useful in the [Update fields](#) post function to represent as a text the result of a time expression.



## Use cases and examples

| Use case                                                                        | JWT feature | Workflow function             | Parser functions                                                                                  | Label |
|---------------------------------------------------------------------------------|-------------|-------------------------------|---------------------------------------------------------------------------------------------------|-------|
| <a href="#">Add three days skipping weekends automatically to a Date Picker</a> |             | <a href="#">Update fields</a> | <a href="#">dateTimeToString()</a><br><a href="#">dayOfTheWeek()</a><br><a href="#">addDays()</a> |       |
| <a href="#">Set a date field to a future date</a>                               |             | <a href="#">Update fields</a> | <a href="#">dateTimeToString()</a>                                                                |       |
| <a href="#">Set a date field to the current date</a>                            |             | <a href="#">Update fields</a> | <a href="#">dateTimeToString()</a>                                                                |       |