### date()

Converts the string to date type.

#### Syntax

date(DATE\_EXPR, DATE\_FMT, [LOCALE])

Required Parameter

**DATE\_EXPR**

Source string expression to be converted to date type.

**DATE\_FMT**

Pattern letters to specify the date and time format.

|  |  |  |
| --- | --- | --- |
| Units of time | Description | Example |
| G | BC/AD | AD |
| y | Year | 1996; 96 |
| M | Month | July; Jul; 07 |
| w | Week of the year | 27 |
| W | Week of the month | 2 |
| d | Day of the year | 189 |
| D | Day of the month | 10 |
| F | Day of week number | 2 |
| E | Day of the week | Tuesday; Tue |
| u | Number of the day of the week(1=Monday, ..., 7=Sunday) | 1 |
| a | AM/PM | PM |
| H | Hour(0-23) | 0 |
| k | Hour(1-24) | 24 |
| K | AM/PM Hour starting with 0 (0-11) | 0 |
| h | AM/PM Hour starting with 1(1-12) | 12 |
| m | Minute | 30 |
| s | Second | 55 |
| S | Millisecond | 978 |
| z | Time zone | Pacific Standard Time; PST |
| Z | Time zone(RFC 822) | -0800 |
| X | Time zone(ISO 8601) | -08;-0800;08:00 |

Optional Parameter

**LOCALE**

A 2-digit or 3-digit code locale specified by ISO 639. If you do not specify the locale, it is set to en. For the ISO 639 locale code, refer to the following link: <https://iso639-3.sil.org/code_tables/639/>.

#### Description

If the DATE\_EXPR is null or an empty string, it returns null. If it is a type other than a string, it attempts to convert the date after automatically converting it to a string.

#### Usage

json "{}"| eval date=date("2013-06-10 00:30:55.978", "yyyy-MM-dd HH:mm:ss.SSS")=> 2013-06-10 00:30:55+0900json "{}"| eval date=date("2020-01-30T10:11:12.123Z", "yyyy-MM-dd'T'HH:mm:ss.SSSX")=> 2020-01-30 19:11:12+0900json "{}"| eval date=date("6월 1 2020 12:34:56", "MMM dd yyyy HH:mm:ss", "ko")=> 2020-06-01 12:34:56+0900