### dateadd()

Adds time (years, months, weeks, days, hours, minutes, and seconds) to the current date-time.

#### Syntax

dateadd(DATE, "{year|mon|day|hour|min|sec|msec}", INT)

Required Parameter

**DATE**

Expression that returns the time type.

**"{year|mon|day|hour|min|sec|msec}"**

Time unit to add to the INT value, enclosed in a pair of double quotes(" "). For the meaning of each unit of time, refer to the table below.

**Unit of Time**

|  |  |
| --- | --- |
| Unit of Time | Description |
| year | Year |
| mon | Month |
| day | Day |
| hour | Hour |
| min | Minute |
| sec | Second |
| msec | Millisecond |

**INT**

Integer value to add to the date in the given units.

#### Usage

json "{}" | eval \_time = date("2013-09-28 11:47:00", "yyyy-MM-dd HH:mm:ss"), add\_1\_year = dateadd(date("2013-09-28 11:47:00", "yyyy-MM-dd HH:mm:ss"), "year", 1), subtract\_1\_mon = dateadd(date("2013-09-28 11:47:00", "yyyy-MM-dd HH:mm:ss"), "mon", -1), subtract\_3\_days = dateadd(date("2013-09-28 11:47:00", "yyyy-MM-dd HH:mm:ss"), "day", -3), add\_2\_hours = dateadd(date("2013-09-28 11:47:00", "yyyy-MM-dd HH:mm:ss"), "hour", 2), input\_null = dateadd(null, "sec", 10), input\_str = dateadd("invalid", "sec", 10)