

F_ADDPERIOD

function from adhoc

Entrypoint addperiod compatible with UTF-8

Inputs/Outputs

Input	CSTRING(254)	period 1 in pattern [d]:h:m:s
	CSTRING(254)	period 2 in pattern [d]:h:m:s
Output	CSTRING(254)	sum of period 1 and 2

Syntax

Periods could be entered with 2- or 1-digit intervals (dd:hh:mm:ss or d:h:m:s).

Negative periods starts with a "-" in front.

Periods with pattern days:hours:seconds (4 intervalls) or hours:minutes:seconds (3 intervalls) are allowed.

The output of periods with less than 3 intervals or containing other characters is <null> or an empty string.

For input also f.e. '0:26:0:0' instead of '1:2:0:0' allowed for 26 hours.

The output is always in pattern days:hours:minutes:seconds (4 * 2 digit intervals)

TestSQL

```
SELECT '00:01:25:10' AS ISCORRECT, F_ADDPERIOD('0:1:10:0', '0:0:15:10')
FROM RDB$DATABASE;
```

```
SELECT '00:01:25:10' AS ISCORRECT, F_ADDPERIOD('01:10:00', '00:15:10')
FROM RDB$DATABASE;
```

```
SELECT '00:00:54:50' AS ISCORRECT, F_SUBPERIOD('0:1:10:0', '0:0:15:10'),
F_ADDPERIOD('0:1:10:0', '-0:0:15:10') FROM RDB$DATABASE;
```

```
SELECT NULL AS ISCORRECT, F_ADDPERIOD(NULL, NULL) FROM RDB$DATABASE;
```

From:
<http://ibexpert.com/docu/> - IBExpert

Permanent link:
http://ibexpert.com/docu/doku.php?id=04-ibexpert-udf-functions:04-03-date_time-functions:04-03-01-calculate-functions:f_addperiod

Last update: 2023/04/11 23:32

