

F_AGEINSECONDSN

function from adhoc

Entrypoint ageinsecondsnull **compatible with UTF-8**

Inputs/Outputs

Input	TIMESTAMP	(older) date optionally time 1
	TIMESTAMP	(newer) date optionally time 2
Output	INTEGER	difference in (integer) seconds between timestamp 1 and timestamp 2

Syntax

For compatibility reasons:

If date 2 < date 1 the result is negative. The correct result had been 0 than there is no negative age!

Use F_AGEIN...N or F_...BETWEEN if you don't want a negative age.

TestSQL

```
SELECT 3 AS ISCORRECT, F_AGEINYEARS('01.01.2005 15:01:21','01.10.2008 15:01:01') FROM RDB$DATABASE;
```

```
SELECT -3 AS ISCORRECT, F_AGEINYEARS('01.01.2005 15:01:21','01.10.2002 15:01:01') FROM RDB$DATABASE;
```

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

```
SELECT 9 AS ISCORRECT, F_AGEINMONTHS('01.01.2005 15:01:21','01.10.2005 15:01:01') FROM RDB$DATABASE;
```

```
SELECT -9 AS ISCORRECT, F_AGEINMONTHS('01.10.2005 15:01:21','01.01.2005 15:01:01') FROM RDB$DATABASE;
```

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

```
SELECT 20 AS ISCORRECT, F_AGEINWEEKS('01.01.2005 15:01:21','15.05.2005 15:01:21') FROM RDB$DATABASE;
```

```
SELECT -33 AS ISCORRECT, F_AGEINWEEKS('01.01.2006 15:01:21','15.05.2005 15:01:21') FROM RDB$DATABASE;
```

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

```
SELECT 10 AS ISCORRECT, F_AGEINDAYS('01.10.2005 15:01:03','11.10.2005 15:04:03') FROM RDB$DATABASE;
```

```
SELECT -20 AS ISCORRECT, F_AGEINDAYS('01.10.2005 15:01:03','11.09.2005 15:04:03') FROM RDB$DATABASE;
```

```
SELECT 3 AS ISCORRECT, F_AGEINHOURS('01.10.2005 15:01:03','01.10.2005 18:01:03') FROM RDB$DATABASE;
```

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

```
SELECT 14 AS ISCORRECT, F_AGEINMINUTES('01.10.2005 15:01:03','01.10.2005
```

```
15:15:03') FROM RDB$DATABASE;  
    SELECT NULL AS ISCORRECT, F_AGEINHOURS(NULL, NULL) FROM RDB$DATABASE;  
    SELECT 14 AS ISCORRECT, F_AGEINMINUTES('01.10.2005 15:01:03', '01.10.2005  
15:15:03') FROM RDB$DATABASE;  
    SELECT NULL AS ISCORRECT, F_AGEINMINUTES(NULL, NULL) FROM RDB$DATABASE;  
    SELECT 20 AS ISCORRECT, F_AGEINSECONDS('01.01.2005 15:01:01', '01.01.2005  
15:01:21') FROM RDB$DATABASE;  
    SELECT NULL AS ISCORRECT, F_AGEINSECONDS(NULL, NULL) FROM RDB$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:04-03-02-determine-functions:f_ageinsecondsn

Last update: **2023/04/15 18:42**

