

F_SECONDSBETWEEN

compatibility to GrUDF

Entrypoint secondsbetween compatible with UTF-8

Inputs/Outputs

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

Syntax

The result is always positiv values in difference to F_AGEIN.. which can also return negativ values.

TestSQL

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SELECT 2 AS ISCORRECT, F_YEARSBETWEEN('01.10.2005 15:01:03','11.10.2007 15:01:03') FROM RDB$DATABASE;
SELECT 2 AS ISCORRECT, F_YEARSBETWEEN('11.10.2007 15:01:03','01.10.2005 15:01:03') FROM RDB$DATABASE;
SELECT NULL AS ISCORRECT, F_YEARSBETWEEN(NULL, NULL) FROM RDB$DATABASE;
SELECT 1 AS ISCORRECT, F_MONTHSBETWEEN('01.10.2005 15:01:03','11.11.2005 15:01:03') FROM RDB$DATABASE;
SELECT 1 AS ISCORRECT, F_MONTHSBETWEEN('11.11.2005 15:01:03','01.10.2005 15:01:03') FROM RDB$DATABASE;
SELECT NULL AS ISCORRECT, F_MONTHSBETWEEN(NULL, NULL) FROM RDB$DATABASE;
SELECT 2 AS ISCORRECT, F_WEEKSBETWEEN('01.10.2005 15:01:03','11.10.2005 15:01:03') FROM RDB$DATABASE;
SELECT 2 AS ISCORRECT, F_WEEKSBETWEEN('11.10.2005 15:01:03','01.10.2005 15:01:03') FROM RDB$DATABASE;
SELECT NULL AS ISCORRECT, F_WEEKSBETWEEN(NULL, NULL) FROM RDB$DATABASE;
SELECT 10 AS ISCORRECT, F_DAYS BETWEEN('01.10.2005 15:01:03','11.10.2005 15:01:03') FROM RDB$DATABASE;
SELECT 10 AS ISCORRECT, F_DAYS BETWEEN('11.10.2005 15:01:03','01.10.2005 15:01:03') FROM RDB$DATABASE;
SELECT NULL AS ISCORRECT, F_DAYS BETWEEN(NULL, NULL) FROM RDB$DATABASE;
SELECT 240 AS ISCORRECT, F_HOURS BETWEEN('01.10.2005 15:01:03','11.10.2005 15:04:03') FROM RDB$DATABASE;
SELECT 240 AS ISCORRECT, F_HOURS BETWEEN('11.10.2005 15:04:03','01.10.2005 15:01:03') FROM RDB$DATABASE;
SELECT NULL AS ISCORRECT, F_HOURS BETWEEN(NULL, NULL) FROM RDB$DATABASE;
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SELECT 3 AS ISCORRECT, F_MINUTESBETWEEN('01.10.2005 15:01:03', '01.10.2005
15:04:03') FROM RDB$DATABASE;
SELECT 3 AS ISCORRECT, F_MINUTESBETWEEN('01.10.2005 15:04:03',
'01.10.2005 15:01:03') FROM RDB$DATABASE;
SELECT NULL AS ISCORRECT, F_MINUTESBETWEEN(NULL, NULL) FROM RDB$DATABASE;
SELECT 800 AS ISCORRECT, F_INDMINUTESBETWEEN('08.11.2008 16:00:00',
'08.11.2008 08:00:00') FROM RDB$DATABASE;
SELECT 800 AS ISCORRECT, F_INDMINUTESBETWEEN('08.11.2008 08:00:00',
'08.11.2008 16:00:00') FROM RDB$DATABASE;
SELECT 808 AS ISCORRECT, F_INDMINUTESBETWEEN('08.11.2008 08:00:00',
'08.11.2008 16:05:29') FROM RDB$DATABASE;
SELECT 810 AS ISCORRECT, F_INDMINUTESBETWEEN('08.11.2008 08:00:00',
'08.11.2008 16:05:30') FROM RDB$DATABASE;
SELECT 818 AS ISCORRECT, F_INDMINUTESBETWEEN('08.11.2008 07:55:00',
'08.11.2008 16:05:30') FROM RDB$DATABASE;
SELECT 817 AS ISCORRECT, F_INDMINUTESBETWEEN('08.11.2008 07:55:00',
'08.11.2008 16:05:00') FROM RDB$DATABASE;
SELECT 800 AS ISCORRECT, F_INDMINUTESBETWEENTHR('08.11.2008 07:55:00',
'08.11.2008 16:05:00', '08:00', 1, '16:00', 1) FROM RDB$DATABASE;
SELECT 808 AS ISCORRECT, F_INDMINUTESBETWEENTHR('08.11.2008 07:55:00',
'08.11.2008 16:05:00', '08:00', 0, '16:00', 1) FROM RDB$DATABASE;
SELECT 808 AS ISCORRECT, F_INDMINUTESBETWEENTHR('08.11.2008 16:05:00',
'08.11.2008 07:55:00', '08:00', 0, '16:00', 1) FROM RDB$DATABASE;
SELECT 817 AS ISCORRECT, F_INDMINUTESBETWEENTHR('08.11.2008 07:55:00',
'08.11.2008 16:05:00', '08:00', 0, '16:00', 0) FROM RDB$DATABASE;
SELECT 817 AS ISCORRECT, F_INDMINUTESBETWEENTHR('08.11.2008 07:55:00',
'08.11.2008 16:05:00', '00:00', 0, '00:00', 0) FROM RDB$DATABASE;
SELECT 817 AS ISCORRECT, F_INDMINUTESBETWEENTHR('08.11.2008 07:55:00',
'08.11.2008 16:05:00', null, null, null, null) FROM RDB$DATABASE;
SELECT 817 AS ISCORRECT, F_INDMINUTESBETWEENTHR('08.11.2008 16:05:00',
'08.11.2008 07:55:00', null, null, null, null) FROM RDB$DATABASE;
SELECT 800 AS ISCORRECT, F_INDMINUTESBETWEENTHR('08.11.2008 21:55:00',
'09.11.2008 06:05:00', '22:00', 1, '06:00', 1) FROM RDB$DATABASE;
SELECT 808 AS ISCORRECT, F_INDMINUTESBETWEENTHR('08.11.2008 21:55:00',
'09.11.2008 06:05:00', '22:00', 1, '06:00', null) FROM RDB$DATABASE;
SELECT 800 AS ISCORRECT, F_INDMINUTESBETWEENTHR('08.11.2008 07:55:00',
'08.11.2008 16:05:00', '08:00', 1, '16:00', 1) FROM RDB$DATABASE;
SELECT 808 AS ISCORRECT, F_INDMINUTESBETWEENTHR('08.11.2008 07:55:00',
'08.11.2008 16:05:00', '08:00', 0, '16:00', 1) FROM RDB$DATABASE;
SELECT 817 AS ISCORRECT, F_INDMINUTESBETWEENTHR('08.11.2008 07:55:00',
'08.11.2008 16:05:00', '08:00', 0, '16:00', 0) FROM RDB$DATABASE;
SELECT 818 AS ISCORRECT, F_INDMINUTESBETWEENTHR('08.11.2008 07:55:00',
'08.11.2008 16:05:30', '08:00', 0, '16:00', 0) FROM RDB$DATABASE;
SELECT 180 AS ISCORRECT, F_SECONDSBETWEEN('01.10.2005
15:01:03', '01.10.2005 15:04:03') FROM RDB$DATABASE;
SELECT 180 AS ISCORRECT, F_SECONDSBETWEEN('01.10.2005
15:04:03', '01.10.2005 15:01:03') FROM RDB$DATABASE;
SELECT NULL AS ISCORRECT, F_SECONDSBETWEEN(NULL, NULL) FROM RDB$DATABASE;

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