

U_DATE2STRLANG

function from `adhoc`

Entrypoint `u_date2strlang` compatible with UTF-8

Inputs/Outputs

Input	TIMESTAMP	date optionally time
	CSTRING(254)	pattern
	CSTRING(2)	language identifier for the output
Output	CSTRING(254)	date formatted with parameter 2 in chosen language

Syntax

multifunctional configurable version of `F_DATETOSTR`
Pattern for Parameter 2 in `icu-Standard`:

^ Symbols ^ Meaning ^ Examples ^ Examples ^

y	year	yy yyyy or y	96 1996
Y	year of “Week of Year”	Y	1997
u	extended year	u	4601
Q	quarter	Q or QQ QQQ QQQQ	02 Q2 2nd quarter
q	Stand Alone quarter	q or qq qqq qqqq	02 Q2 2nd quarter
M	month in year	M or MM MMM MMMM MMMMM	09 Sept September S
L	Stand Alone month in year	L or LL LLL LLLL LLLLL	09 Sept September S
w	week of year	w or ww	27
W	week of month	w	2
d	day in month	d dd	2 02

D	day of year	D	189
f	day of week in month		2 (2nd Wed in July)
g	modified julian day	g	2451334
E	day of week	E, EE, or EEE EEEE EEEE	Tues Tuesday T
e	local day of week (example: if Monday is 1st day, Tuesday is 2nd day)	e or ee eee eeee eeeee	2 Tues Tuesday T
c	Stand Alone local day of week	e or ee eee eeee eeeee	2 Tues Tuesday T
a	am/pm maker	a	pm
h	hour in am/pm (1~12)	h hh	7 07
H	hour in day (0~23)	H HH	0 00
k	hour in day (0~24)	k kk	24 24
K	hour in am/pm (0~11)	K KK	0 00
m	made in hour	m mm	4 04
s	second in minute	s ss	5 05
S	millisecond (rounds to count of letters)	S SS SSS SSSS	2 24 235 2350
A	milliseconds in day	A	61201235
z	Time Zone: specific non-location	z, zz, or zzz zzzz	PDT Pacific Daylight Time
Z	Time Zone: RFC 822 Time Zone: localized GMT	Z, ZZ, or ZZZ ZZZZ	-0800 GMT-08:00
v	Time Zone: generic non-location	v vvvv	PT Pacific Time or United States (Los Angeles)
V	Time Zone: generic non-location	V	PT
VVVV	Time Zone: generic location	VVVV	United States (Los Angeles)
W	week in month		2
'	escape for text	'	(nothing)
' '	two single quotes produce one	' '	'

Examples

Format Pattern	Result
yyyy.MM.dd G 'at' HH:mm:ss zzz	1996.07.10 AD at 15:08:56 PDT

Format Pattern	Result
EEE, MMM d, yy Wed, July 10, '96 h:mm a 12:08 PM hh 'oclock' a, zzzz	12 o'clock PM, Pacific Daylight Time
K:mm a, z	0:00 PM, PST
yyyyy.MMMM.dd GGG hh:mm aaa	01996.July.10 AD 12:08 PM

Sprachkennzeichen: every legal 2-digit identifier closed by the top-level-domains, e.g. de for german

TestSQL

```
SELECT 'Tuesday, 10 February ' || F_SQM() || '04 at 2 o' || F_SQM() ||
'clock and 23 minutes 17 seconds PM' AS ISCORRECT, U_DATE2STRLANG('10.02.04
14:23:17', 'EEEE, dd MMMM ' || F_DSQM() || 'yy ' || F_SQM() || 'at' ||
F_SQM() || ' K ' || F_SQM() || 'o' || F_DSQM() || 'clock and ' || F_SQM() ||
'm' || F_SQM() || ' minutes ' || F_SQM() || 's' || F_SQM() || ' seconds ' ||
F_SQM() || 'a', 'en') FROM RDB$DATABASE;
```

```
SELECT 'mardi, 10 février 2004, 14:23:17' AS ISCORRECT,
U_DATE2STRLANG('10.02.04 14:23:17', 'EEEE, dd MMMM yyyy, HH:mm:ss', 'fr')
FROM RDB$DATABASE;
```

```
SELECT 'Dienstag, 10 Februar 2004, 14:23:17' AS ISCORRECT,
U_DATE2STRLANG('10.02.04 14:23:17', 'EEEE, dd MMMM yyyy, HH:mm:ss', 'de')
FROM RDB$DATABASE;
```

```
SELECT NULL AS ISCORRECT, U_DATE2STRLANG(NULL, NULL, NULL) FROM
RDB$DATABASE;
```

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