

SOURCE FILE . . . . . LMIDTAYL/UTLSRC  
 MEMBER . . . . . UTLDUSNQ

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SEQNBR*...+... 1 ...+... 2 ...+... 3 ...+... 4 ...+... 5 ...+... 6 ...+... 7 ...+... 8 ...+... 9 ...+... 0
  1 -- * USER DEFINED FUNCTIONS: UTLDATEQ * 08/16/22
  2 -- * CHG0033073 HORIZON AFE INTEGRATION PROJECT * 08/16/22
  3 -- * AUTHOR: DAVID H TAYLOR 08/16/22 * 08/16/22
  4 -- * VARIOUS SQL-BASED DATE CONVERSION ROUTINES * 08/16/22
  5 -- * * 08/16/22
  6 -- * FUNCTION: * 08/16/22
  7 -- https://haiku.mannlib.cornell.edu/ 08/16/22
  8 -- 08/16/22
  9 -- Aug 16, 2022 | Author, Lee Gurga 08/16/22
 10 -- 08/16/22
 11 -- fluttering madly 08/16/22
 12 -- butterfly in the slipstream 08/16/22
 13 -- of a passing freight 08/16/22
 14 -- 08/16/22
 21 -- *=====* 08/16/22
1500 ---- CONVERT DATE TO USA NUMBER----- 08/16/22
1501 -- Input a date and receive back the value as an 8 digit number 08/16/22
1502 -- in MMDDCCYY format. 08/16/22
1600 CREATE OR REPLACE FUNCTION DATE_TO_USA_NUM ( 08/16/22
1700     INDATE DATE 08/16/22
1800     ) 08/16/22
1900     RETURNS DECIMAL(8,0) 08/16/22
2000     LANGUAGE SQL 08/16/22
2001     SPECIFIC UTLDUSNQ01 08/16/22
2100     DETERMINISTIC 08/16/22
2101     SET OPTION DBGVIEW = *SOURCE , OUTPUT=*PRINT 08/16/22
2200 08/16/22
2300 BEGIN 08/16/22
2400     DECLARE THISDATE DATE; 08/16/22
2401     DECLARE DATETEXT CHAR(10); 08/16/22
2402     DECLARE DATENUM DECIMAL(8,0); 08/16/22
2403     SET THISDATE = INDATE; 08/16/22
2404     SET DATETEXT = CHAR(THISDATE,USA); 08/16/22
2405     SET DATETEXT = REPLACE(DATETEXT,'/',' '); 08/16/22
2406     SET DATETEXT = REPLACE(DATETEXT,'-',' '); 08/16/22
2407     SET DATENUM = DECIMAL(DATETEXT,8,0); 08/16/22
2800     RETURN DATENUM; 08/16/22
2900 END ; 08/16/22
8801 08/16/22
8900 -- *=====* 08/16/22
9000 ---- CONVERT DATE TO ISO NUMBER----- 08/16/22
9100 -- Input a date and receive back the value as an 8 digit number 08/16/22
9200 -- in CCYYMMDD format. 08/16/22
9300 CREATE OR REPLACE FUNCTION DATE_TO_ISO_NUM ( 08/16/22
9400     INDATE DATE 08/16/22
9500     ) 08/16/22
9600     RETURNS DECIMAL(8,0) 08/16/22
9700     LANGUAGE SQL 08/16/22
9800     SPECIFIC UTLDUSNQ02 08/16/22
9900     DETERMINISTIC 08/16/22
10000     SET OPTION DBGVIEW = *SOURCE , OUTPUT=*PRINT 08/16/22
10100 08/16/22
10200 BEGIN 08/16/22

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SEQNBR*	1	2	3	4	5	6	7	8	9	0	
10300	DECLARE	THISDATE	DATE;								08/16/22
10400	DECLARE	DATETEXT	CHAR(10);								08/16/22
10500	DECLARE	DATENUM	DECIMAL(8,0);								08/16/22
10600	SET	THISDATE	= INDATE;								08/16/22
10700	SET	DATETEXT	= CHAR(THISDATE,ISO);								08/16/22
10800	SET	DATETEXT	= REPLACE(DATETEXT,'/','');								08/16/22
10900	SET	DATETEXT	= REPLACE(DATETEXT,'-','');								08/16/22
11000	SET	DATENUM	= DECIMAL(DATETEXT,8,0);								08/16/22
11100	RETURN	DATENUM;									08/16/22
11200	END	;									08/16/22
11300											08/16/22

\* \* \* \* E N D O F S O U R C E \* \* \* \*