

IX.3.0B-SYSTEM-URELCH SUBROUTINE URELCH

Description

Subroutine URELCH converts a real value to character string.

Calling Sequence

CALL URELCH (REAL,MAXCHR,CHAR,NUMDEC,NFILL,ISTAT)

Argument List

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
REAL	Input	R*4	1	Real value
MAXCHR	Input	I*4	1	Maximum number of characters in CHAR: <0 = zeros on right will not be removed
CHAR	Output	A1	MAXCHR	Character string
NUMDEC	Input	I*4	1	Number of decimal places to be filled in CHAR; maximum is 9: 0 = decimal point is the right most character in CHAR -1 = no decimal point is stored in CHAR
NFILL	Output	I*4	1	Number of characters filled in CHAR
ISTAT	Output	I*4	1	Status code: 0 = no errors 1 = MAXCHR not large enough to hold VALUE 2 = NUMDEC greater than 9; NUMDEC set to 9 and CHAR filled 3 = value out of valid range (i.e. ABS(VALUE) GE 2**31)