

IX.3.3B-SYSTEM-FPDBIO SUBROUTINE FPDBIO

Description

Subroutine FPDBIO reads and checks external location information for a time series in the Processed Data Base [[Hyperlink](#)].

Calling Sequence

CALL FPDBIO (ITSTYP, NUMEXT, EXTLOC, DTYPE, ITIME, DIMN, IMSG, NPDT,
TSCALE, NFOUND, D, MD, LWORK)

Argument List

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
ITSTYP	Input	I*4	1	Indicator for type of time series: 1 = INPUT 2 = UPDATE 3 = OUTPUT
NUMEXT	Output	I*4	1	Number of words of external location information
EXTLOC	Output	R*4	3	External location information 1-2: identifier 3: data type code
DTYPE	Input	A4	1	Time series data type code
ITIME	Input	I*4	1	Time series data time interval (units of HR)
DIMN	Input	A4	1	Time series data dimension code
IMSG	Input	I*4	1	Time series missing data indicator
NPDT	Input	I*4	1	Number of values per time data interval
TSCALE	Input	A4	1	Time series time scale code
NFOUND	Output	I*4	1	Indicator if time series found: 0 = yes 1 = no; time series does not exist on the PDB or the Forecast component time interval is not compatible with the PDB time interval

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
				or the Forecast Component can not write this data type
D	Input	R*4	MD	Array D; used for work space
MD	Input	I*4	1	Dimension of array D
LWORK	Output	I*4	1	Length of the work buffer needed by the PDB Read/Write routines