

IX.3.3B-SYSTEM-SETUP SUBROUTINE SETUP

Description

Subroutine SETUP sets up the Operations Table [[Hyperlink](#)] that will be used for a Segment in the Forecast Component.

This subroutine stores information in the P, C and T arrays by calling the input and the Operation table entry subroutine for each Operation that is used for the Segment.

Calling Sequence

CALL SETUP (P,MP,C,MC,T,MT,TS,MTS,D,MD,NXD,MINDT,LWMAX)

Argument List

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
P	Output	R*4	MP	Array containing all parameters and other information for all operations for a given Segment
MP	Input	I*4	1	Dimension of the P array
C	Output	R*4	MC	Array containing carryover values for all Operations within a Segment
MC	Input	I*4	1	Dimension of the C array
T	Output	I*4	MT	Array containing the pointers to parameters, carryover and data for each Operation within a segment
MT	Input	I*4	1	Dimension of the T array
TS	Input	R*4	MTS	Array containing information about each time series used for the Segment
MTS	Input	I*4	1	Dimension of the TS array
D	Input	R*4	MD	The entire D array
MD	Input	I*4	1	Dimension of the D array
NXD	Input	I*4	1	Next open position in the D array The beginning location available for working space

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
MINDT	Output	I*4	1	Minimum time interval in hours for which this segment can be executed
LWMAX	Both	I*4	1	Maximum working space needed