

Macro

PARDCL

PURPOSE

Create global parameters in the analysis routine.

PARAMETERS

NAME

Name(s) of the global parameter to be created.

INIT(x)

Initialization value(s).

COMMENT(c)

Comment(s)

REMARKS

Either a single variable or a list of variables or an array may be created by one **PARDCL** macro. Several **PARDCL** macros may appear in the analysis routine.

For arrays, the **INIT** and **COMMENT** keywords are assigned to the different elements in sequence. Missing values are repeated from the last given value.

For a list of variable names, the **INIT** and **COMMENT** keywords may contain a list of values to be attributed to the different variables in sequence.

PARDCL appears in the analysis routine. A global parameter may be used in the analysis routine like a normal variable declared by **DECLARE "name" DEC FLOAT(6) STATIC INIT(..)**.

Global parameters, created by the **PARDCL** macro, can be listed and modified by the command **IPAR**. Other commands (**IOPER**, **AOPER**, and others) make use of global parameters.

EXAMPLES

PARDCL(slope) INIT(8.79) COMMENT('slope of time calibration');

Creates the parameter slopes with initialization and comment.

PARDCL(A0,A1) INIT('0.5,27.3') COMMENT('SHIFT,FACTOR');

Creates two parameters with initializations and comments.

PARDCL(X(5)) INIT('7,3,5,9,3.5') COMMENT('X-ARRAY');

Creates an array of parameters (5 elements) with individual initialization and a common comment.

PARDCL(A(-3:2)) INIT(322.5) COMMENT('offset');

Creates an array of parameters (6 elements) with common initialization and a common comment.

PARDCL(B(2)) INIT(-5) COMMENT('Branch1,Branch2');

Creates an array of parameters (2 elements) with common initialization and individual comments.

DECLARATION

This macro may only be used in the analysis program. It is declared by **%INCLUDE '\FRSTOOLS\TRISATAN\SMACROS.PLI;**