20. SYSTEM VARIABLES AND FUNCTIONS

This section describes the following system variables and functions. These variables are set within the file **LOADLOOPS** or when the function **LOADLOOPS** is executed.

Name	Type	Description
LoopsVersion	Variable	Identifies a release of LOOPS.
LoopsDate	Variable	Identifies the date when the function **LOADLOOPS** is executed.
FEATURES	Variable	Has the symbol LOOPS added to it when the function **LOADLOOPS** is evaluated.
LoadLoopsForms	Variable	Contains a list of forms that are evaluated when LOOPS is loaded.
LispUserFilesForLoops		Variable Contains a list of files required by LOOPS.
OptionalLispuserFIles	Variable	Contains a list of files that is loaded when LOOPS is loaded.
LOOPSDIRECTORY	Variable	Contains the connected directory when **LOADLOOPS** is loaded.
LOOPSLIBRARYDIRECTORY	Variable	Contains the directory where the LOOPS library files reside.
LOOPSUSERSDIRECTORY	Variable	Contains the directory where the LOOPS Users' Modules files reside.
LOOPSUSERSRULESDIRECTORY	Variable	Contains the directory where the LOOPS Rules User Module file resides.
LoopsPatchFiles	Variable	Contains a list of LOOPS files that are loaded when LOOPS is loaded.
LOOPSFILES	Variable	Contains a list of LOOPS files that are loaded by the function **LOADLOOPS**.
ClearAllCaches	Function	Clears all caches used by LOOPS.
ClearAllCaches	Variable	Contains a list of forms that are evaluated within a call to the function **ClearAllCaches**.

LoopsVersion   [Variable]

Set to uniquely identify a release of LOOPS.

LoopsDate   [Variable]

Set to the value of (DATE) when the function **LOADLOOPS** is evaluated.

FEATURES [Variable]

Has the symbol LOOPS added to it when the function **LOADLOOPS** is evaluated. See the *Common Lisp: the Language* for more information on ***FEATURES***.

LoadLoopsForms [Variable]

Contains a list of forms that are evaluated when LOOPS is loaded. Initialized to NIL using the File Manager command **INITVARS** (see the *Lisp Release Notes* and the *Interlisp-D Reference Manual*).

LispUserFilesForLoops [Variable]

Contains a list of files required by LOOPS. Initialized to (**GRAPHER**).

OptionalLispuserFiles [Variable]

Contains a list of files that is loaded when LOOPS is loaded. Initialized to NIL using the File Manager command **INITVARS**.

LOOPSDIRECTORY [Variable]

Initialized to the directory from which the file **LOADLOOPS** is loaded using the File Manager command **INITVARS**.

LOOPSLIBRARYDIRECTORY [Variable]

Contains the directory where the LOOPS library files reside.

LOOPSUSERSDIRECTORY [Variable]

Contains the directory where the LOOPS Users' Modules files reside.

LOOPSUSERSRULESDIRECTORY [Variable]

Contains the directory where the LOOPS Rules User Module file resides.

LoopsPatchFiles [Variable]

Contains a list that can be passed to **FILESLOAD** (see the *Lisp Release Notes* and the *Interlisp-D Reference Manual*) and is used during the loading of LOOPS. Initialized to ((**LOAD FROM VALUEOF LOOPSDIRECTORY**) **MASTERSCOPE MSPARSE**).

LOOPSFILES [Variable]

Contains the list of LOOPS files loaded by **LOADLOOPS** when building a LOOPS sysout.

(**ClearAllCaches**) [Function]

Purpose: Clears all caches used by LOOPS

Behavior: In addition to clearing some caches used to speed up method and instance variable lookup, this clears the hash array **CLISPARRAY** (see the *Lisp Release Notes* and the *Interlisp-D Reference Manual*) and sends the **ClearMenuCache** message to any open LOOPS windows or their icons.

Returns: NIL

ClearAllCaches [Variable]

Contains a list of forms, each of which is evaluated within a call to the function **ClearAllCaches**. Initially set to NIL.

[This page intentionally left blank]