

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. |
| LOOPFILES | 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.

LOOPUSERSDIRECTORY [Variable]

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

LOOPUSERSRULESDIRECTORY [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**).

LOOPFILES [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.

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