

## 20. SYSTEM VARIABLES AND FUNCTIONS

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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
<b>LoopsVersion</b>	Variable	Identifies a release of LOOPS.
<b>LoopsDate</b>	Variable	Identifies the date when the function <b>LOADLOOPS</b> is executed.
<b>*FEATURES*</b>	Variable	Has the symbol <b>LOOPS</b> added to it when the function <b>LOADLOOPS</b> is evaluated.
<b>LoadLoopsForms</b>	Variable	Contains a list of forms that are evaluated when <b>LOOPS</b> is loaded.
<b>LispUserFilesForLoops</b>	Variable	Contains a list of files required by <b>LOOPS</b> .
<b>OptionalLispuserFiles</b>	Variable	Contains a list of files that is loaded when <b>LOOPS</b> is loaded.
<b>LOOPSDIRECTORY</b>	Variable	Contains the connected directory when <b>LOADLOOPS</b> is loaded.
<b>LOOPSLIBRARYDIRECTORY</b>	Variable	Contains the directory where the <b>LOOPS</b> library files reside.
<b>LOOPUSERSDIRECTORY</b>	Variable	Contains the directory where the <b>LOOPS</b> Users' Modules files reside.
<b>LOOPUSERSRULESDIRECTORY</b>	Variable	Contains the directory where the <b>LOOPS</b> Rules User Module file resides.
<b>LoopsPatchFiles</b>	Variable	Contains a list of <b>LOOPS</b> files that are loaded when <b>LOOPS</b> is loaded.
<b>LOOPFILES</b>	Variable	Contains a list of <b>LOOPS</b> files that are loaded by the function <b>LOADLOOPS</b> .
<b>ClearAllCaches</b>	Function	Clears all caches used by <b>LOOPS</b> .
<b>ClearAllCaches</b>	Variable	Contains a list of forms that are evaluated within a call to the function <b>ClearAllCaches</b> .

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**LoopsVersion** [Variable]

Set to uniquely identify a release of **LOOPS**.

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**LoopsDate** [Variable]

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

**\*FEATURES\*** [Variable]

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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]

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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]

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

**OptionalLispuserFiles** [Variable]

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

**LOOPSDIRECTORY** [Variable]

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

**LOOPSLIBRARYDIRECTORY** [Variable]

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Contains the directory where the **LOOPS** library files reside.

**LOOPSUSERSDIRECTORY** [Variable]

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

**LOOPSUSERSRULESDIRECTORY** [Variable]

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

**LoopsPatchFiles** [Variable]

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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]

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

**(ClearAllCaches)** [Function]

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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

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**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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