

File created: 4-Sep-86 13:21:25 {POGO:PARC:XEROX}<LOOPSCORE>USERS>LOOPSINDEX.;2

changes to: (VARS LOOPSINDEXCOMS)

previous date: 28-May-86 19:30:50 {POGO:PARC:XEROX}<LOOPSCORE>USERS>LOOPSINDEX.;1

Read Table: OLD-INTERLISP-FILE

Package: INTERLISP

Format: XCCS

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(RPAQQ **LOOPSINDEXCOMS**

```
(( * * Sets up the SINGLEFILEINDEX package to dump out classes, methods, and instances in an intelligible
way)
(FILE (FROM LISPUSERS)
SINGLEFILEINDEX)
(ADDVARS (SINGLEFILEINDEX.TYPES (CLASS DEFCLASS)
(METHOD METH TestForMethod)
(INSTANCE DEFINST TestForInstance))
(SINGLEFILEINDEX.FILTERS (FUNCTION IndexMethodFilter)))
(FNS IndexMethodFilter TestForInstance TestForMethod)))
```

(* * Sets up the SINGLEFILEINDEX package to dump out classes, methods, and instances in an intelligible way)

```
(FILELOAD (FROM LISPUSERS)
SINGLEFILEINDEX)
```

```
(ADDTOVAR SINGLEFILEINDEX.TYPES (CLASS DEFCLASS)
(METHOD METH TestForMethod)
(INSTANCE DEFINST TestForInstance))
```

```
(ADDTOVAR SINGLEFILEINDEX.FILTERS (FUNCTION IndexMethodFilter))
```

```
(DEFINEQ
```

(**IndexMethodFilter**

```
[LAMBDA (indexEntry) (* smL "31-Mar-86 18:50")
```

(* * The SINGLEFILEINDEX package has an entry for the given function.
If it is a method on the file, don't index it as a function.)

```
(LET [(methodEntry (SFI.LOOKUP.NAME (CAR indexEntry)
(QUOTE METHOD])
(COND
(methodEntry (* Clobber the function entry)
(change (CDR methodEntry)
(NCONC DATUM (CDR indexEntry)))
T)
(T (* Keep the function entry)
NIL])
```

(**TestForInstance**

```
[LAMBDA (stream dumpFn entry) (* smL "31-Mar-86 19:23")
```

(* * For a SINGLEFILEINDEX, return the name of instance being defined by the current expression)

```
(LET ((expr (SFI.WHOLE.EXPRESSION stream)))
(CAR (CADDR expr)))
```

(**TestForMethod**

```
[LAMBDA (stream dumpFn entry) (* smL "31-Mar-86 19:23")
```

(* * For a SINGLEFILEINDEX, return the method name of method being defined by the current expression)

```
(LET ((expr (SFI.WHOLE.EXPRESSION stream)))
(PACK* (CADR expr)
". "
(CADDR expr))
```

```
)
```

```
(PUTPROPS LOOPSINDEX COPYRIGHT ("Xerox Corporation" 1986))
```

FUNCTION INDEX

IndexMethodFilter1 TestForInstance1 TestForMethod1

VARIABLE INDEX

SINGLEFILEINDEX.FILTERS1 SINGLEFILEINDEX.TYPES1
