

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)

```
(FILES (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)

```
(FILESLOAD (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
