

File created: 8-Sep-87 14:41:03 {MCS:MCS:STANFORD}<LANE>READDATATYPE.;3

changes to: (VARS READDATATYPECOMS)
(FNS READDATATYPE)

previous date: 8-Sep-87 11:45:52 {MCS:MCS:STANFORD}<LANE>READDATATYPE.;1

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

::
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```
(RPAQQ READDATATYPECOMS [(FNS READDATATYPE)
                          (P (SETSNTAX '@' (MACRO FIRST READDATATYPE)
                              (FIND-READTABLE "INTERLISP")))]
```

```
(DEFINEQ
```

```
(READDATATYPE
```

```
  [LAMBDA (FILE RDTBL) ; Edited 8-Sep-87 14:38 by cdl
```

```
    (if (EQ '{ (PEEK FILE))
```

```
      then [PROG (TYPE START LOC FLG (DATUM (READ FILE RDTBL)))
```

```
        [SETQ TYPE (SUBATOM DATUM [ADD1 (SETQ START (OR (STRPOS '{ DATUM)
                                                         (RETURN)]
```

```
                (SUB1 (SETQ START (OR (STRPOS '{ DATUM START)
                                       (RETURN)]
```

```
        [SETQ START (ADD1 (OR (STRPOS '%# DATUM START)
                              (RETURN)]
```

```
        [SETQ LOC (CONS (if (SETQ FLG (STRPOS '%, DATUM START))
                            then (PACK* (SUBATOM DATUM START (SUB1 FLG))
                                         'Q)
```

```
                        else 0)
                      (PACK* (SUBATOM DATUM (if FLG
                                                  then (ADD1 FLG)
                                                  else START))
```

```
        (if [EQ TYPE (TYPENAME (SETQ DATUM (VAG LOC]
            then (RETURN (KWOTE DATUM]
```

```
      else '@])
```

```
)
```

```
(SETSNTAX '@' (MACRO FIRST READDATATYPE)
  (FIND-READTABLE "INTERLISP"))
```

```
(PUTPROPS READDATATYPE COPYRIGHT ("Stanford University" 1986 1987))
```

FUNCTION INDEX

READDATATYPE1
