

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

::
:: Copyright (c) 1986, 1987 by Stanford University. All rights reserved.

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

```
(DEFINEQ
```

```
(READDATATYPE
```

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

```
    (if (EQ '{ (PEEKC 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))
```

```
          'Q]
```

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

```
        then (RETURN (KWOTE DATUM]
```

```
      else '@])
```

```
)
```

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

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

FUNCTION INDEX

READDATATYPE1
