

File created: 17-May-90 11:18:40 {DSK}<usr>local>lde>lispcore>sources>SETF-RUNTIME.;2

changes to: (IL:VARS IL:SETF-RUNTIMECOMS)

previous date: 5-Oct-87 12:13:18 {DSK}<usr>local>lde>lispcore>sources>SETF-RUNTIME.;1

Read Table: XCL

Package: LISP

Format: XCCS

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(IL:RPAQQ **IL:SETF-RUNTIMECOMS** (

;;; Run time support for setf.

```
(IL:FUNCTIONS SET-SETF-METHOD-EXPANDER SET-SETF-INVERSE SET-SHARED-SETF-INVERSE)
(IL:PROP (IL:FILETYPE IL:MAKEFILE-ENVIRONMENT)
         IL:SETF-RUNTIME))
```

;;; Run time support for setf.

```
(DEFUN SET-SETF-METHOD-EXPANDER (NAME EXPANDER)
  (REMPROP NAME ' IL:SETF-INVERSE)
  (REMPROP NAME ' :SETF-INVERSE)
  (REMPROP NAME ' :SHARED-SETF-INVERSE)
  (SETF (GET NAME ' :SETF-METHOD-EXPANDER)
        EXPANDER))
```

```
(DEFUN SET-SETF-INVERSE (NAME UPDATE-FN)
  (REMPROP NAME ' IL:SETF-METHOD-EXPANDER)
  (REMPROP NAME ' :SETF-METHOD-EXPANDER)
  (SETF (GET NAME ' :SETF-INVERSE)
        UPDATE-FN))
```

```
(DEFUN SET-SHARED-SETF-INVERSE (NAME SHARED-UPDATE-FN)
  (REMPROP NAME ' IL:SETF-METHOD-EXPANDER)
  (REMPROP NAME ' :SETF-METHOD-EXPANDER)
  (REMPROP NAME ' :SETF-INVERSE)
  (SETF (GET NAME ' :SHARED-SETF-INVERSE)
        SHARED-UPDATE-FN))
```

```
(IL:PUTPROPS IL:SETF-RUNTIME IL:FILETYPE COMPILE-FILE)
```

```
(IL:PUTPROPS IL:SETF-RUNTIME IL:MAKEFILE-ENVIRONMENT (:READTABLE "XCL" :PACKAGE "LISP"))
```

```
(IL:PUTPROPS IL:SETF-RUNTIME IL:COPYRIGHT ("Venue & Xerox Corporation" 1987 1990))
```

FUNCTION INDEX

SET-SETF-INVERSE1 SET-SETF-METHOD-EXPANDER1 SET-SHARED-SETF-INVERSE1

PROPERTY INDEX

IL:SETF-RUNTIME1
