

File created: 27-Jul-90 07:37:36 {DSK}<usr>local>lde>loops>src>SYSTEM>INSPECT-PATCH.;2

changes to: (VARS INSPECT-PATCHCOMS)

previous date: 14-Jun-88 16:11:55 {DSK}<usr>local>lde>loops>src>SYSTEM>INSPECT-PATCH.;1

Read Table: XCL

Package: INTERLISP

Format: XCCS

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(RPAQQ INSPECT-PATCHCOMS ((FNS INSPECT/AS/FUNCTION)))

(DEFINEQ

(INSPECT/AS/FUNCTION

(LAMBDA (ATM STKP WINDOW)

; Edited 14-Jun-88 16:11 by raf

;; calls an editor on function ATM. STKP and WINDOW are the stack pointer and window of the break in which this inspect command was called

(LET ((EDITOR (SELECT.FNS.EDITOR ATM))

FRAME CODEBASE PROC)

(AND EDITOR (|if| (EQ EDITOR 'INSPECTCODE)

|then| (COND

((AND (STACKP STKP)

(NOT (|fetch| (FX INVALIDP) |of| (SETQ FRAME (|fetch| (STACKP EDFXP)
|of| STKP))))))

(INSPECTCODE (COND

((EQ (\\GET-COMPILED-CODE-BASE ATM)

(SETQ CODEBASE (|fetch| (FX FNHEADER) |of| FRAME)))

ATM)

(T

;; Function executing in this frame is not the one in the definition cell of its name, so fetch
;; the real code. Have to pass a CCODEP

(MAKE-COMPILED-CLOSURE CODEBASE)))

NIL NIL NIL (|fetch| (FX PC) |of| FRAME)))

(T (INSPECTCODE ATM)))

|else| (LET ((PROC (AND WINDOW (WINDOWPROP WINDOW 'PROCESS)))

(EDITORARGS (|if| (EQ EDITOR 'ED)

|then| (LIST ATM ' (METHOD-FNS FUNCTIONS FNS \:DONTWAIT
\:DISPLAY))

|else| (LIST ATM))))

(|if| PROC

|then| (PROCESS.APPLY PROC EDITOR EDITORARGS)

|else| (CL:APPLY EDITOR EDITORARGS))))))

)

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FUNCTION INDEX

INSPECT/AS/FUNCTION1
