

File created: 26-Jun-90 19:26:19 {DSK}<usr>local>lde>lispcore>internal>library>STACKHACK.;2

changes to: (VARS STACKHACKCOMS)

previous date: 11-May-88 11:28:17 {DSK}<usr>local>lde>lispcore>internal>library>STACKHACK.;1

Read Table: XCL

Package: INTERLISP

Format: XCCS

; Copyright (c) 1988, 1990 by Venue & Xerox Corporation. All rights reserved.

```
(RPAQQ STACKHACKCOMS ((FNS DO-SKIP-FRAMES SKIP-FRAMES FRAGMENT-STACK)
  (DECLARE\ : DONTEVAL@LOAD DOEVAL@COMPILE DONTCOPY COMPILEVARS (ADDVARS (NLAMA)
    (NLAML)
    (LAMA
      DO-SKIP-FRAMES
    ) )))
```

(DEFINEQ

(DO-SKIP-FRAMES

```
(LAMBDA I
  (ENVAPPLY 'SKIP-FRAMES (LIST (ARG I 1)
    (ARG I 2))
    'SKIP-FRAMES
    'SKIP-FRAMES)))
```

; Edited 7-Mar-88 15:35 by

(SKIP-FRAMES

```
(LAMBDA (N FN)
```

```
(|if| (ZEROP N)
  |then| (CL:FUNCALL FN)
  |else| (CL:MACROLET ((LONGCALL (FN &REST ARGS)
    \ (APPLY 'FN (LIST* ,@ARGS ' (|to| 500 |collect| NIL))))))
  (LONGCALL DO-SKIP-FRAMES (SUB1 N)
    FN))))
```

; Edited 11-May-88 11:19 by MASINTER
; create some stack with N holes and then call FN

(FRAGMENT-STACK

```
(LAMBDA NIL
  (ADD.PROCESS ' (DO (SKIP-FRAMES 10 (FUNCTION (LAMBDA NIL
    (DISMISS 5000)))))))
```

; Edited 11-May-88 11:27 by MASINTER

)

(DECLARE\ : DONTEVAL@LOAD DOEVAL@COMPILE DONTCOPY COMPILEVARS

(ADDTOVAR **NLAMA**)

(ADDTOVAR **NLAML**)

(ADDTOVAR **LAMA** DO-SKIP-FRAMES)

)

(PUTPROPS **STACKHACK COPYRIGHT** ("Venue & Xerox Corporation" 1988 1990))

FUNCTION INDEX

DO-SKIP-FRAMES1 FRAGMENT-STACK1 SKIP-FRAMES1
