

File created: 23-Jul-85 12:55:55 {DSK}<LISPPFILES>TESTER>SOURCES>TEST-ARITHMETIC-UTILS.;3

changes to: (VARS TEST-ARITHMETIC-UTILSCOMS TEST.BIGNUM-SPECIAL-NUMBERS)
(FNS TEST.GENERAL-IPLUS-SUCCESS-PREDICATE)

previous date: 11-Jul-85 11:05:16 {DSK}<LISPPFILES>TESTER>TEST-ARITHMETIC-UTILS.;1

Read Table: OLD-INTERLISP-FILE

Package: INTERLISP

Format: XCCS

(* * Copyright (c) 1985 by Xerox Corporation. All rights reserved.)

(RPAQQ **TEST-ARITHMETIC-UTILSCOMS** ((FNS TEST.GENERAL-IPLUS-SUCCESS-PREDICATE TEST.NON-NUMERIC-ERROR)
(VARS TEST.BIGNUM-SPECIAL-NUMBERS)))

(DEFINEQ

(**TEST.GENERAL-IPLUS-SUCCESS-PREDICATE**

[LAMBDA (RESULT ARGUMENTS)

(* sm "18-Jul-85 18:29")

(if (TEST.ERRORP RESULT)

then (QUOTE FAILURE)

else (for ARGUMENT in ARGUMENTS do (SETQ RESULT (IDIFFERENCE RESULT ARGUMENT))))

(if (ZEROP RESULT)

then (QUOTE SUCCESS)

else (QUOTE FAILURE]))

(**TEST.NON-NUMERIC-ERROR**

[LAMBDA (RES ARGS)

(* sm " 3-Jul-85 10:49")

(if (AND (TEST.ERRORP RES)

(EQP (CADR RES)

10))

then (QUOTE SUCCESS)

else (QUOTE FAILURE]))

)

(RPAQQ **TEST.BIGNUM-SPECIAL-NUMBERS**

(0 1 -1 16382 -16382 16383 -16383 16384 -16384 32766 -32766 32767 -32767 32768 -32768 65534 -65534 65536
-65536 16777214 -16777214 16777215 -16777215 16777216 -16777216 134217726 -134217726 134217727
-134217727 134217728 -134217728))

(PUTPROPS **TEST-ARITHMETIC-UTILS COPYRIGHT** ("Xerox Corporation" 1985))

FUNCTION INDEX

TEST.GENERAL-IPLUS-SUCCESS-PREDICATE1 TEST.NON-NUMERIC-ERROR1

VARIABLE INDEX

TEST.BIGNUM-SPECIAL-NUMBERS1
