

-- DoubleDefs.Mesa Edited by Johnsson on March 10, 1978 5:23 PM

DIRECTORY

InlineDefs: FROM "inlinedefs",
Mopcodes: FROM "mopcodes";

DoubleDefs: DEFINITIONS =
BEGIN

LongCARDINAL: TYPE = InlineDefs.LongCARDINAL;
Comparison: TYPE = {less, equal, greater};

DDivide: PROCEDURE [num, den: LongCARDINAL]
RETURNS [quotient, remainder: LongCARDINAL];

DMultiply: PROCEDURE [a,b: LongCARDINAL]
RETURNS [product: LongCARDINAL];

DAdd: PROCEDURE [a,b: LongCARDINAL] RETURNS [LongCARDINAL] =
MACHINE CODE BEGIN Mopcodes.zDADD END;

DSub: PROCEDURE [a,b: LongCARDINAL] RETURNS [LongCARDINAL] =
MACHINE CODE BEGIN Mopcodes.zDSUB END;

DNeg: PROCEDURE [a: LongCARDINAL] RETURNS [LongCARDINAL];

DInc: PROCEDURE [a: LongCARDINAL] RETURNS [LongCARDINAL];

DCompare: PROCEDURE [a,b: LongCARDINAL] RETURNS [Comparison] =
MACHINE CODE BEGIN Mopcodes.zDCOMP; Mopcodes.zINC END;

AppendDouble: PROCEDURE [s:STRING, a: LongCARDINAL];

END.