-- SDDefs.Mesa Edited by Johnsson on March 31, 1978 3:52 PM

SDDefs: DEFINITIONS =
  BEGIN
  -- indices in system data vector (including trap codes)

  SD: POINTER TO ARRAY [0..0) OF UNSPECIFIED = LOOPHOLE[1060B];

  -- [0..17B] are known by microcode
  sBreak: CARDINAL = 0;
  sAlternateBreak: CARDINAL = 1;
  sStackError: CARDINAL = 2;
  sWakeupError: CARDINAL = 3;
  sXferTrap: CARDINAL = 4;
  sUnimplemented: CARDINAL = 5;
  sAllocTrap: CARDINAL = 6;
  sControlFault: CARDINAL = 7;
  sSwapTrap: CARDINAL = 10B;
  sPageFault: CARDINAL = 11B;
  sWriteProtect: CARDINAL = 12B;
  sUnbound: CARDINAL = 13B;
  sZeroDivisor: CARDINAL = 14B;
  sDivideCheck: CARDINAL = 15B;
  sHardwareError: CARDINAL = 16B;

  sSignalList: CARDINAL = 20B;
  sSignal: CARDINAL = 21B;
  sErrorList: CARDINAL = 22B;
  sError: CARDINAL = 23B;
  sReturnErrorList: CARDINAL = 24B;
  sReturnError: CARDINAL = 25B;
  sUnnamedError: CARDINAL = 26B;
  sUncaughtSignal: CARDINAL = 27B;

  sBLTE: CARDINAL = 30B;
  sDivSS: CARDINAL = 31B;
  sStringInit: CARDINAL = 32B;
  sLongMul: CARDINAL = 33B;

  sNew: CARDINAL = 34B;
  sCopy: CARDINAL = 35B;
  sLongDivMod: CARDINAL = 36B;
  sUnNew: CARDINAL = 37B;

  sCoreSwap: CARDINAL = 40B;
  sProcessBreakpoint: CARDINAL = 41B;
  sInterrupt: CARDINAL = 42B;
  sGoingAway: CARDINAL = 43B;   -- known by BCPL code
  sAddFileRequest: CARDINAL = 44B;
  sIOResetBits: CARDINAL = 45B;
  sBreakBlock: CARDINAL = 46B;
  sBreakBlockSize: CARDINAL = 47B;

  sGFTLength: CARDINAL = 50B;
  sBYTBLTE: CARDINAL = 51B;
  sStart: CARDINAL = 52B;
  sRestart: CARDINAL = 53B;
  sCallDebugger: CARDINAL = 54B;

  sFirstProcess: CARDINAL = 55B;   -- known by BCPL code
  sLastProcess: CARDINAL = 56B;   -- known by BCPL code
  sProcessTrap: CARDINAL = 57B;   -- known by BCPL code
  sFirstStateVector: CARDINAL = 60B;   -- known by BCPL code
  sFork: CARDINAL = 61B;
  sJoin: CARDINAL = 62B;
  sBLTEC: CARDINAL = 63B;
  sBYTBLTEC: CARDINAL = 64B;
  sBLTEL: CARDINAL = 65B;
  sBYTBLTEL: CARDINAL = 66B;
  sBLTECL: CARDINAL = 67B;
  sBYTBLTECL: CARDINAL = 70B;

  sLongDiv: CARDINAL = 71B;
  sLongMod: CARDINAL = 72B;

  sFADD: CARDINAL = 73B;

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sFSUB: CARDINAL = 74B;
sFMUL: CARDINAL = 75B;
sFDIV: CARDINAL = 76B;
sFCOMP: CARDINAL = 77B;
sFIX: CARDINAL = 100B;
sFLOAT: CARDINAL = 101B;

sFirstFree: CARDINAL = 102B;

END...
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