

-- WartDefs.mesa Modified by: Sandman, February 20, 1978 1:36 PM

DIRECTORY

ImageDefs: FROM "imagedefs",
Mopcodes: FROM "mopcodes",

AltoDefs: FROM "altodefs",
SegmentDefs: FROM "segmentdefs",
ControlDefs: FROM "controldefs";

DEFINITIONS FROM AltoDefs, SegmentDefs, ControlDefs;

WartDefs: DEFINITIONS =
BEGIN

BootTableLimit: INTEGER = 17777B;
BootIndex: TYPE = POINTER [0..BootTableLimit] TO BootScriptEntry;
NullBootIndex: BootIndex = LAST[BootIndex];
SegmentBootIndex: TYPE = POINTER [0..BootTableLimit) TO Segment BootScriptEntry;

BootScriptHeader: TYPE = MACHINE DEPENDENT RECORD [
tablebase: [0..17777B], -- origin of the script table
av,gft,sd: POINTER,
ffvmp, lfvmp: [0..AltoDefs.MaxVMPPage],
loadState: SegmentBootIndex,
fill1: [0..7],
initLoadState: SegmentBootIndex,
fill2: [0..7],
bcd: SegmentBootIndex,
fill3: [0..7],
nub, user: GlobalFrameHandle]; -- who to start

BootCommand: TYPE = {bc0, bc1, bc2, bc3, bc4, bc5, bc6, bc7};

BootScriptEntry: TYPE = MACHINE DEPENDENT RECORD [
body: SELECT option: * FROM
Command => [
command: BootCommand,
fill: [0..1777B]],
SwapOutCode => [
fill: BootIndex,
frame: GlobalFrameHandle],
Segment => [
fill1: [0..777B],
data: BOOLEAN,
access: SegmentDefs.AccessOptions,
base: CARDINAL,
pages: [1..MaxVMPPage+1],
vmpage: [0..MaxVMPPage],
handle: FileSegmentHandle],
CodeLink => [
codeseg: SegmentBootIndex,
frame: GlobalFrameHandle],
Unlock => [
seg: SegmentBootIndex],
OpenFile => [
fill: BootIndex],
Stop => [
fill: BootIndex],
ENDCASE];

END.