

-- file: SystemDefs.Mesa; edited by Sandman on March 2, 1978 3:05 PM

DIRECTORY

FSPDefs: FROM "fspdefs";

SystemDefs: DEFINITIONS =

BEGIN

-- page allocation/deallocation

PagesForWords: PROCEDURE [nwords: CARDINAL] RETURNS [npages: CARDINAL];  
AllocatePages: PROCEDURE [npages: CARDINAL] RETURNS [base: POINTER];  
AllocateResidentPages: PROCEDURE [npages: CARDINAL] RETURNS [base: POINTER];  
FreePages: PROCEDURE [base: POINTER];

AllocateSegment: PROCEDURE [nwords: CARDINAL] RETURNS [base: POINTER];  
AllocateResidentSegment: PROCEDURE [nwords: CARDINAL]  
RETURNS [base: POINTER];  
SegmentSize: PROCEDURE [base: POINTER] RETURNS [nwords: CARDINAL];  
FreeSegment: PROCEDURE [base: POINTER];

-- heap allocation/deallocation

HeapZone: PROCEDURE RETURNS [FSPDefs.ZonePointer];

AllocateHeapNode: PROCEDURE [nwords: CARDINAL] RETURNS [p: POINTER];  
FreeHeapNode: PROCEDURE [p: POINTER];

AllocateHeapString: PROCEDURE [nchars: CARDINAL] RETURNS [STRING];  
FreeHeapString: PROCEDURE [s: STRING];

PruneHeap: PROCEDURE RETURNS [BOOLEAN];

END.