

-- AltoDefs.Mesa Edited by Satterthwaite on February 9, 1977 1:43 PM

AltoDefs: DEFINITIONS =

BEGIN

wordlength: INTEGER = 16; -- Alto word length (bits)
maxword: CARDINAL = 177777B; -- N.B. negative as 16 bit number
maxinteger: INTEGER = 077777B; -- maximum positive number

charlength: INTEGER = 8; -- Alto character size (bits)
maxcharcode: INTEGER = 377B;
BYTE: TYPE = [0..maxcharcode];
BytesPerWord, CharsPerWord: INTEGER = wordlength/charlength;
LogBytesPerWord, LogCharsPerWord: INTEGER = 1;

PageSize: INTEGER = 256; -- Alto page size (words)
LogPageSize: INTEGER = 8;
BytesPerPage, CharsPerPage: INTEGER = PageSize*CharsPerWord;
LogBytesPerPage, LogCharsPerPage: INTEGER = LogPageSize+LogCharsPerWord;

VMLimit: CARDINAL = 177777B; -- maximum Alto VM address
Address: TYPE = [0..VMLimit];

MaxVMPage: INTEGER = 255; -- maximum Alto VM page number
MaxFilePage: CARDINAL = 077777B;

PageNumber: TYPE = [0..MaxFilePage];
PageCount: TYPE = [0..MaxVMPage+1];

END.