NAME

end, **etext**, **edata** - end boundaries of image segments

SYNOPSIS

extern end;
extern etext;
extern edata;

DESCRIPTION

The globals *end*, *etext* and *edata* are program segment end addresses.

etext is the first address after the end of the text segment.

edata is the first address after the end of the initialized data segment.

end is the first address after the end of the data segment (BSS) when the program is loaded. Use the sbrk(2) system call with zero as its argument to find the current end of the data segment.

SEE ALSO

sbrk(2), malloc(3), a.out(5)

HISTORY

An **end** manual page appeared in Version 6 AT&T UNIX.

BUGS

Traditionally, no variable existed that pointed to the start of the text segment because the text segment always started at address zero. Although it is no longer valid to make this assumption, no variable similar to the ones documented above exists to point to the start of the text segment.