

PUTCHAR(a)

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NAME

putchar — output characters to character device driver

SYNOPSIS

(putchar = 193.)

putchar(pointer, segid, offset, count)

int *pointer; /* pointer to process, channel pair */
int segid; /* ID of segment being written from */
int offset; /* byte offset into segment */
int count; /* byte count */

DESCRIPTION

Putchar outputs *count* characters from the caller from the segment specified by *segid* starting at *offset* bytes into the segment. If the segment is a stack segment the *offset* is from the end of the segment. *Pointer* points to the pair of words specifying the process number of the kernel process and the logical channel number of the device controlled by the kernel process. The call to the kernel within the library routine returns the byte count. If all bytes are not written to the kernel device driver, the number of bytes that have been written is returned. If no bytes can be written, a zero is returned (i. e. the process should be roadblocked until the character device driver is ready to receive more data).

SEE ALSO

getchar(a), setty(a), getty(a)

DIAGNOSTICS

If an error condition is detected (illegal buffer address or size) the negative value of the error code is returned in C.