NAME

bus_get_resource - read a resource range/value with a given resource ID

SYNOPSIS

#include <sys/param.h>
#include <sys/bus.h>
#include <sys/rman.h>

int
bus_get_resource(*device_t dev*, *int type*, *int rid*, *rman_res_t *startp*, *rman_res_t *countp*);

DESCRIPTION

The **bus_get_resource**() function reads the range or value of the resource *type*, *rid* pair and stores it in the *startp* and *countp* arguments.

The arguments are as follows:

dev   The device to read the resource from.

type   The type of resource you want to read. It is one of:

        SYS_RES_IRQ   for IRQs
        SYS_RES_DRQ   for ISA DMA lines
        SYS_RES_MEMORY for I/O memory
        SYS_RES_IOPORT   for I/O ports

rid   A bus-specific handle that identifies the resource being read.

startp A pointer to the start address of this resource.

countp
        A pointer to the length of the resource. For example, the size of the memory in bytes.

RETURN VALUES

Zero is returned on success, otherwise an error is returned.

SEE ALSO

bus_set_resource(9), device(9), driver(9)

AUTHORS

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