NAME

bus_set_resource - associate a definite resource with a given resource ID

SYNOPSIS

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

#include <machine/bus.h>
#include <sys/rman.h>
#include <machine/resource.h>

int
bus_set_resource(*device_t dev*, *int type*, *int rid*, *rman_res_t start*, *rman_res_t count*);

DESCRIPTION

The **bus_set_resource**() function sets the start address of the resource *type*, *rid* pair to be *count* long. Typically, client drivers do not use this interface. Bus drivers, however, often use it to set up the resources a client driver uses.

The arguments are as follows:

dev The device to set the resource on.

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

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

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

start The start address of this resource.

count 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_alloc_resource(9), bus_get_resource(9), device(9), driver(9)

AUTHORS

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