

free

Finding IODevice objects lookUpByDeviceName:objectNumber:deviceKind:
lookUpByObjectNumber:deviceKind:deviceName:

Getting and setting parameter values

getCharValues:forParameter:objectNumber:count:
getIntValues:forParameter:objectNumber:count:
setCharValues:forParameter:objectNumber:count:
setIntValues:forParameter:objectNumber:count:

free

Does nothing an IODeviceMaster should never be freed.

```
(IOReturn)getCharValues:(unsigned char *)array  
    forParameter:(IOParameterName)parameter  
    objectNumber:(IOObjectNumber)objectNumber  
    count:(unsigned int *)count
```

Gets the array of values associated with parameter for the IODevice object specified by objectNumber. If objectNumber is IO_R_SUCCESS. Unless count is specified to be 0, the returned array contains no more than count characters. If count is set to the number of characters in the array. You can obtain values for objectNumber using IODeviceMaster:lookUpByDeviceName:objectNumber:deviceKind:.

If objectNumber is larger than the highest existing object number, this method returns IO_R_NO_DEVICE. If objectNumber refers to an object number for a device driver that's no longer registered, this method returns IO_R_OFFLINE. If parameter is invalid (it isn't recognized by the IODevice instance to have characters), this method returns IO_R_UNSUPPORTED.

getCharValues:forParameter:objectNumber:count:, setCharValues:forParameter:objectNumber:count:

```
(IOReturn)getIntValues:(unsigned int *)array  
    forParameter:(IOParameterName)parameter  
    objectNumber:(IOObjectNumber)objectNumber  
    count:(unsigned int *)count
```

Gets the array of values associated with parameter for the IODevice object specified by objectNumber. If objectNumber is IO_R_SUCCESS. Unless count is specified to be 0, the returned array contains no more than count characters. If count is set to the number of characters in the array. You can obtain values for objectNumber using IODeviceMaster:lookUpByDeviceName:objectNumber:deviceKind:.

If objectNumber is larger than the highest existing object number, this method returns IO_R_NO_DEVICE. If objectNumber refers to an object number for a device driver that's no longer registered, this method returns IO_R_OFFLINE. If parameter is invalid (it isn't recognized by the IODevice instance to have integers), this method returns IO_R_UNSUPPORTED.

getCharValues:forParameter:objectNumber:count:, setIntValues:forParameter:objectNumber:count:

```
(IOReturn)lookUpByDeviceName:(IOString)deviceName  
    objectNumber:(IOObjectNumber *)objectNumber  
    deviceKind:(IOString *)deviceKind
```

Gets the object number and descriptive string associated with the specified device name. The name must be the same as the value the driver sets using setName:. Returns IO_R_SUCCESS if the lookup was successful, and returns IO_R_NO_DEVICE.

lookUpByObjectNumber:deviceKind:deviceName:

```
(IOReturn)lookUpByObjectNumber:(IOObjectNumber)objectNumber
```

```
(IOReturn)setCharValues:(unsigned char *)array  
    forParameter:(IOParameterName)parameter  
    objectNumber:(IOObjectNumber)objectNumber  
    count:(unsigned int)count
```

Sets the array of values associated with parameter for the IODevice object specified by objectNumber. Returns IO_R_SUCCESS. The count argument specifies the number of elements in the array. You can obtain objectNumber using the method lookUpByDeviceName:objectNumber:deviceKind:.

If objectNumber is larger than the highest existing object number, this method returns IO_R_NO_OBJECT. If objectNumber refers to an object number for a device driver that's no longer registered, this method returns IO_R_OFFLINE. If parameter is invalid (it isn't recognized by the IODevice instance to have characters be written), this method returns IO_R_UNSUPPORTED.

setIntValues:forParameter:objectNumber:count:, getCharValues:forParameter:objectNumber:count:

```
(IOReturn)setIntValues:(unsigned int *)array  
    forParameter:(IOParameterName)parameter  
    objectNumber:(IOObjectNumber)objectNumber  
    count:(unsigned int)count
```

Sets the array of values associated with parameter for the IODevice object specified by objectNumber. Returns IO_R_SUCCESS. The count argument specifies the number of elements in the array. You can obtain objectNumber using the method lookUpByDeviceName:objectNumber:deviceKind:.

If objectNumber is larger than the highest existing object number, this method returns IO_R_NO_OBJECT. If objectNumber refers to an object number for a device driver that's no longer registered, this method returns IO_R_OFFLINE. If parameter is invalid (it isn't recognized by the IODevice instance to have integers be written), this method returns IO_R_UNSUPPORTED.

setCharValues:forParameter:objectNumber:count:, getIntValues:forParameter:objectNumber:count: