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## BS2\_GetSlaveDevice

Searches a slave device from the RS-485 network.

### Declaration

```
#include "BS_API.h"

int BS2_GetSlaveDevice(void* context, uint32_t deviceId,
BS2Rs485SlaveDevice** slaveDeviceObj, uint32_t* slaveDeviceCount);
```

[See BS2Rs485SlaveDevice Structure](#)

### Parameter

- [In] *context* : Context
- [In] *deviceId* : Device ID
- [Out] *slaveDeviceObj* : Slave device list pointer
- [Out] *slaveDeviceCount* : Number of slave devices

#### NOTE

The *slaveDeviceObj* variable needs to return the memory to the system by the [BS2\\_ReleaseObject](#) function after being used.

### Return Value

If successfully done, `BS_SDK_SUCCESS` will be returned.  
If there is an error, the corresponding error code will be returned.

### See Also

[BS2\\_SetSlaveDevice](#)

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