GetADBInfo Obtain information on the specified device

#include <DeskBus.h> **ADB Manager**

```
OSErr       GetADBInfo(info, ADBAddr);
ADBDataBlock *info;     address of parameter block
ADBAddress  ADBAddr;    value identifying device table index
            returns     Error Code; 0=no error
```

Use **GetADBInfo** to obtain current information about a device's address, ID, service routine and data area.

info is a parameter block whose relevant fields are:

	Out-In Name	Type		Size	Offset	Description
<-	devHandlerID	SignedByte		1	0	Device type ID
<-	origADBAddr	SignedByte		1	1	Original bus address
<-	dbServiceRtPtr	Ptr	4	2		Pointer to a service routine
<-	dbDataAreaAddr	Ptr	4	6		Pointer to a data area

ADBAddr is the index number on the device table of the entry being queried.

Returns: an operating system Error Code.

noErr (0) No error

Notes: The devHandlerID parameter indicates the device type, which the application can change if the device is capable of various modes of operation. Values below 0x20 are reserved by Apple and other specific values precipitate actions rather than being stored to indicate device type: 0x00 changes bits 8 through 13 of register 3 to mirror the rest of the **Listen** command but leaves the device type unchanged; 0xFD, when sent by the **Listen** command, changes the device address to match bits 8 through 11 if the device activator is depressed but leaves the device type and the flags the same as they were; 0xFE, when sent sent by the **Listen** command, will change the device address to match bits 8 through 11 as long as no other device already has that address but leaves the devHandlerID and flags unchanged; and 0xFF, when sent by the **Listen** command, causes the device to run a self-test. A successful test leaves register 3 the same as before, while a failed self-test clears the devHandlerID field to 0x00.

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