

Re: CreateFile() returns ERROR_ACCESS_DENIED to the user

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Source:

<http://www.tech-archive.net/Archive/Development/microsoft.public.win32.programmer.kernel/2006-11/msg00250.ht>

- *From:* "SteM" <xxx@xxxxxxx>
 - *Date:* Mon, 13 Nov 2006 18:10:53 +0100
-

Thanks Anton,
my guess was that, at least, open, close and DeviceIoControl was allowed
.....
How can i solve ?
Do i must modify user rights or driver rights ????

Thanks
—
SteM

"anton bassov" <soviet_bloke@xxxxxxxxxxxx> ha scritto nel messaggio
<news:1163436308.076405.201750@xx>

Hi mate

This is just absolutely normal default behaviour – limited users have no access to devices by default. If you want non-privileged users to gain access to it, you have to EXPLICITLY allow the above (it is understandable that it can be done only from the Admin account)

Anton Bassov

SteM wrote:

Hello,
I've written a small wdm driver for Win2000 to access an old custom hw

on

parallel port.
The accesses are via a couple of DeviceIoControl() custom commands.
It works fine, does exactly what i intended; however, it only works if I

am

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logged in as Administrator (or equivalent).

If I log in as a regular user (Power User) the call to CreateFile fails

with

ACCESS_DENIED.

```
// Open driver
rv = CreateFile (
ifDetail->DevicePath,
0, // Desidered access
0, // Share mode
NULL, // Security attrb
CREATE_NEW, // How to create
FILE_FLAG_DELETE_ON_CLOSE, // File attribute
NULL // Template file
);
```

```
if (rv==INVALID_HANDLE_VALUE)
{
.....
```

Thanks in advance for any pointers...

—
SteM