

Re: Unsized Arrays in Structures, and user space

Source:

<http://www.tech-archive.net/Archive/Development/microsoft.public.development.device.drivers/2005-12/msg00373.1>

- *From:* "Hesham Desouky" <hesham>
 - *Date:* Wed, 14 Dec 2005 11:15:13 +0200
-

just for knowledge,

why mapping to user space is a bad idea?

"Don Burn" <burn@xxxxxxxxxxxxxxxxxx> wrote in message

[news:ODXqGg\\$\\$FHA.272@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](news:ODXqGg$$FHA.272@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

> Well if you possibly can have the application pass the buffers in and have
> the driver lock them down.

>

>

> --

> Don Burn (MVP, Windows DDK)

> Windows 2k/XP/2k3 Filesystem and Driver Consulting

> Remove StopSpam from the email to reply

>

>

>

> "Hesham Desouky" <hesham> wrote in message

> [news:uP60oa\\$\\$FHA.292@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](news:uP60oa$$FHA.292@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

>> Thanks for reply

>>

>> I am using Compuware Driverworks for driver development and it is c++.

>>

>> Anyhow, what are you suggesting for sharing memory between the driver
and

>> the application?

>>

>> The driver needs to allocate large amount of locked memory to stream
high

>> rate data from hardware device. So what mechanism you sugges?

>>

>> Sorry for double post

>>

>> Thanks

>>

>> "Don Burn" <burn@xxxxxxxxxxxxxxxxxx> wrote in message

>> [news:uT994W\\$\\$FHA.3872@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](news:uT994W$$FHA.3872@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

>>> Well first mapping anything to user space that was allocated in the

>>> kernel

>>> is a bad idea. Second, mapping ps does not map memory it points to.

Re: Unsized Arrays in Structures, and user space

- **Follow-Ups:**
 - ◆ **Re: Unsized Arrays in Structures, and user space**
 - ◇ From: Maxim S. Shatskih
 - ◆ **Re: Unsized Arrays in Structures, and user space**
 - ◇ From: Don Burn

- **References:**
 - ◆ **Unsized Arrays in Structures, and user space**
 - ◇ From: Hesham Desouky
 - ◆ **Re: Unsized Arrays in Structures, and user space**
 - ◇ From: Don Burn
 - ◆ **Re: Unsized Arrays in Structures, and user space**
 - ◇ From: Hesham Desouky
 - ◆ **Re: Unsized Arrays in Structures, and user space**
 - ◇ From: Don Burn

- Prev by Date: **Re: Tool to detect drivers with long period at DISPATCH_LEVEL?**
- Next by Date: **x64 porting: error C4013: 'HalGetInterruptVector' undefined**
- Previous by thread: **Re: Unsized Arrays in Structures, and user space**
- Next by thread: **Re: Unsized Arrays in Structures, and user space**
- Index(es):
 - ◆ **Date**
 - ◆ **Thread**