

## Re: Unknown Wdf01000.sys error

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*Source:*

<http://www.tech-archive.net/Archive/Development/microsoft.public.development.device.drivers/2008-04/msg00622.html>

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- *From:* "Doron Holan [MSFT]" <[doronh@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:doronh@xxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Tue, 22 Apr 2008 21:50:27 -0700
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i do not think it is a corrupt collection, i think that one of the objects in the collection was incorrectly deleted. you should also review what handles and their types that you are manually deleting by calling WdfObjectDelete

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"Ûà ? " <[ZivHuang@xxxxxxxx](mailto:ZivHuang@xxxxxxxx)> wrote in message  
[news:71915bec-6c49-48f2-8989-53c515576c89@xx](mailto:news:71915bec-6c49-48f2-8989-53c515576c89@xx)  
Thanks, Doron,

Here is a part of message from the original one. Does it mean the problem is coming from collections?

```
82bb7888 807073a0 850ce370 8502b624 8502b624 Wdf01000!  
FxCollectionInternal::CleanupEntryObject+0x19  
82bb789c 807073fc 84ff17e0 8502b628 82bb78d4 Wdf01000!  
FxCollectionInternal::RemoveEntry+0x13  
82bb78ac 80707421 00000000 8502b624 8502b5f0 Wdf01000!  
FxCollectionInternal::Remove+0x1c  
82bb78bc 807074b6 8502b5f0 8502b5f0 806eaa89 Wdf01000!  
FxCollectionInternal::Clear+0x14  
82bb78c8 806eaa89 8502b5f0 82bb78f4 806a7d13 Wdf01000!  
FxCollection::~FxCollection+0x16
```

I always use WDFMEMORY object to allocate memory and use WdfObjectDelete to free that kind of memory.

This problem is hard to reproduce. I will try again. Thanks for your information. ^\_^



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```
> *
>
*****_*****

> DRIVER_IRQL_NOT_LESS_OR_EQUAL (d1)
> An attempt was made to access a pageable (or completely invalid)
> address at an
> interrupt request level (IRQL) that is too high. This is usually
> caused by drivers using improper addresses.
> If kernel debugger is available get stack backtrace.
> Arguments:
> Arg1: 00000d06, memory referenced
> Arg2: 00000002, IRQL
> Arg3: 00000001, value 0 = read operation, 1 = write operation
> Arg4: 806d37fc, address which referenced memory

> Debugging Details:
> -----

> WRITE_ADDRESS: 00000d06

> CURRENT_IRQL: 2

> FAULTING_IP:
> Wdf01000!FxPoolFree+8d
> 806d37fc 897904 mov dword ptr [ecx+4],edi

> DEFAULT_BUCKET_ID: VISTA_DRIVER_FAULT

> BUGCHECK_STR: 0xD1

> PROCESS_NAME: System

> TRAP_FRAME: 82bb77a4 -- (.trap 0xfffffff82bb77a4)
> ErrCode = 00000002
> eax=00000000 ebx=00000000 ecx=00000d02 edx=00000000 esi=850ce330
> edi=850d07a8
> eip=806d37fc esp=82bb7818 ebp=82bb7824 iopl=0  nv up ei pl zr
> na pe nc
> cs=0008  ss=0010  ds=0023  es=0023  fs=0030  gs=0000
> efl=00010246
> Wdf01000!FxPoolFree+0x8d:
> 806d37fc 897904 mov dword ptr [ecx+4],edi ds:
> 0023:00000d06=????????
> Resetting default scope

> LAST_CONTROL_TRANSFER: from 818d873f to 81881760

> STACK_TEXT:
> 82bb7384 818d873f 00000003 82bbc894 00000000 nt!
> RtlpBreakWithStatusInstruction
```

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> 82bb73d4 818d91ac 00000003 00000d06 806d37fc nt!KiBugCheckDebugBreak  
> +0x1c  
> 82bb7784 8188fc44 0000000a 00000d06 00000002 nt!KeBugCheck2+0x5f4  
> 82bb7784 806d37fc 0000000a 00000d06 00000002 nt!KiTrap0E+0x2ac  
> 82bb7824 806ce9eb 850ce358 82bb7840 806e084f Wdf01000!FxPoolFree+0x8d  
> 82bb7830 806e084f 850ce370 850ce370 82bb7860 Wdf01000!  
> FxObject::operator delete+0x13  
> 82bb7840 806a7d13 00000001 806d48ea 00000000 Wdf01000!  
> FxMemoryPagedBufferFromPool::~vector deleting destructor'+0x19  
> 82bb7848 806d48ea 00000000 00000000 00000000 Wdf01000!  
> FxObject::SelfDestruct+0xb  
> 82bb7860 806cef06 8502b624 84ff17e0 82bb7888 Wdf01000!  
> FxObject::ProcessDestroy+0x9f  
> 82bb7870 80705c19 8502b624 0000007a 00000000 Wdf01000!FxObject::Release  
> +0x10c  
> 82bb7888 807073a0 850ce370 8502b624 8502b624 Wdf01000!  
> FxCollectionInternal::CleanupEntryObject+0x19  
> 82bb789c 807073fc 84ff17e0 8502b628 82bb78d4 Wdf01000!  
> FxCollectionInternal::RemoveEntry+0x13  
> 82bb78ac 80707421 00000000 8502b624 8502b5f0 Wdf01000!  
> FxCollectionInternal::Remove+0x1c  
> 82bb78bc 807074b6 8502b5f0 8502b5f0 806eaa89 Wdf01000!  
> FxCollectionInternal::Clear+0x14  
> 82bb78c8 806eaa89 8502b5f0 82bb78f4 806a7d13 Wdf01000!  
> FxCollection::~~FxCollection+0x16  
> 82bb78d4 806a7d13 00000001 806d48ea 00000000 Wdf01000!  
> FxIoResReqList::~vector deleting destructor'+0xd  
> 82bb78dc 806d48ea 00000000 00000000 00000000 Wdf01000!  
> FxObject::SelfDestruct+0xb  
> 82bb78f4 806cef06 8502b604 8502b5f0 82bb7924 Wdf01000!  
> FxObject::ProcessDestroy+0x9f  
> 82bb7904 806d4ade 00000000 00000465 00000000 Wdf01000!FxObject::Release  
> +0x10c  
> 82bb7924 806d4bb8 8502b500 8514ac68 8514ac84 Wdf01000!  
> FxObject::DeletedAndDisposedWorkerLocked+0xe1  
> 82bb793c 806d4ac5 850afd74 8514ac68 82bb7964 Wdf01000!  
> FxObject::ParentDeleteEvent+0xcf  
> 82bb794c 806d4bb8 8514ac00 850afd60 850afd7c Wdf01000!  
> FxObject::DeletedAndDisposedWorkerLocked+0xc8  
> 82bb7964 806d4ac5 8512488c 850afd60 82bb798c Wdf01000!  
> FxObject::ParentDeleteEvent+0xcf  
> 82bb7974 806d4bb8 850afd00 850baaa8 00000124 Wdf01000!  
> FxObject::DeletedAndDisposedWorkerLocked+0xc8  
> 82bb798c 806f491a 00000008 850baaa8 806f3387 Wdf01000!  
> FxObject::ParentDeleteEvent+0xcf  
> 82bb7998 806f3387 806f4551 82bb79cc 806f4fec Wdf01000!  
> FxPkgPnp::PnpEventRemovedCommonCode+0xf8  
> 82bb799c 806f4551 82bb79cc 806f4fec 850baaa8 Wdf01000!  
> FxPkgFdo::PnpEventFdoRemovedOverload+0x5  
> 82bb79a4 806f4fec 850baaa8 8070e380 850baaa8 Wdf01000!  
> FxPkgPnp::PnpEventFdoRemoved+0xd

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```
> 82bb79cc 806f5d40 00000117 850bab48 850baaa8 Wdf01000!  
> FxPkgPnp::PnpEnterNewState+0x15c  
> 82bb79f4 806f606d 82bb7a0c 00000000 850baaa8 Wdf01000!  
> FxPkgPnp::PnpProcessEventInner+0x1f5  
> 82bb7a1c 806ee774 00000200 850baaa8 8070d8a0 Wdf01000!  
> FxPkgPnp::PnpProcessEvent+0x1cf  
> 82bb7a44 806edb83 850baaa8 82bb7a64 a193af20 Wdf01000!  
> FxPkgPnp::_PnpRemoveDevice+0x69  
> 82bb7a68 806d7665 a193af20 82bb7a90 806d786a Wdf01000!  
> FxPkgPnp::Dispatch+0x2a6  
> 82bb7a74 806d786a 84f904e8 a193af20 a193af20 Wdf01000!  
> FxDevice::Dispatch+0x7f  
> 82bb7a90 81ace681 84f904e8 a193af20 86b11b38 Wdf01000!  
> FxDevice::DispatchWithLock+0x5d  
> 82bb7ab4 81827e86 8a7035a5 85169498 84f904e8 nt!IovCallDriver+0x252  
> 82bb7ac8 8a7035a5 85169498 82bb7af0 8a703a0e nt!IofCallDriver+0x1b  
> WARNING: Stack unwind information not available. Following frames may  
> be wrong.  
> 82bb7ad4 8a703a0e 851693e0 a193af20 a193af20 pnpfiltr+0x5a5  
> 82bb7af0 8a7055ff 851693e0 a193af20 a193af20 pnpfiltr+0xa0e  
> 82bb7b08 81ace681 851693e0 a193af20 a193affc pnpfiltr+0x25ff  
> 82bb7b2c 81827e86 819af4a9 82bb7bcc 851693e0 nt!IovCallDriver+0x252  
> 82bb7b40 819af4a9 851041d8 850b6bf8 851041d8 nt!IofCallDriver+0x1b  
> 82bb7b74 819af70f 851041d8 82bb7ba8 00000000 nt!IopSynchronousCall  
> +0xce  
> 82bb7bd0 81806561 851041d8 00000002 a68acaf8 nt!IopRemoveDevice+0xd5  
> 82bb7bfc 819a5ced 00000000 a68acaf8 00000000 nt!  
> PnpRemoveLockedDeviceNode+0x172  
> 82bb7c14 819a5f67 00000000 00000000 00000000 nt!  
> PnpDeleteLockedDeviceNode+0x2b  
> 82bb7c44 819aa8d8 8546d700 a68acaf8 00000002 nt!  
> PnpDeleteLockedDeviceNodes+0x4c  
> 82bb7d04 819aac2b 82bb7d34 00000000 a68b1b78 nt!  
> PnpProcessQueryRemoveAndEject+0x8ac  
> 82bb7d1c 819a9793 00000000 818fde3c 846fc828 nt!  
> PnpProcessTargetDeviceEvent+0x38  
> 82bb7d44 81878e18 84f75760 00000000 846fc828 nt!PnpDeviceEventWorker  
> +0x201  
> 82bb7d7c 81a254a8 84f75760 82bbc680 00000000 nt!ExpWorkerThread+0xfd  
> 82bb7dc0 8189145e 81878d1b 00000001 00000000 nt!PspSystemThreadStartup  
> +0x9d  
> 00000000 00000000 00000000 00000000 00000000 nt!KiThreadStartup+0x16  
  
> STACK_COMMAND: kb  
  
> FOLLOWUP_IP:  
> Wdf01000!FxPoolFree+8d  
> 806d37fc 897904 mov dword ptr [ecx+4],edi  
  
> SYMBOL_STACK_INDEX: 4
```

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> SYMBOL\_NAME: Wdf01000!FxPoolFree+8d  
> FOLLOWUP\_NAME: MachineOwner  
> MODULE\_NAME: Wdf01000  
> IMAGE\_NAME: Wdf01000.sys  
> DEBUG\_FLR\_IMAGE\_TIMESTAMP: 474f6583  
> FAILURE\_BUCKET\_ID: 0xD1\_W\_VRF\_Wdf01000!FxPoolFree+8d  
> BUCKET\_ID: 0xD1\_W\_VRF\_Wdf01000!FxPoolFree+8d  
> Followup: MachineOwner  
> ----- ?I« (‡W –  
  
– ?:<< (‡W –