

Re: Access Denied Error -- Reading Text File in .BAT program

Source:

<http://www.tech-archive.net/Archive/Scripting/microsoft.public.scripting.wsh/2008-10/msg00059.html>

- *From:* "Pegasus \ (MVP)" <I.can@xxxxxxxxxxx>
 - *Date:* Wed, 29 Oct 2008 17:58:04 +0100
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Since you can't post the whole batch file, I can only offer some hints:

– Add three statements to the batch file, two at the start, one at the end, so that you know when each batch file started and when (or if!) it ended:

```
@echo off
set TimeMarker=%time%
echo Start %date% %TimeMarker% >> c:\test.txt
{put your code here}
echo End %date% %TimeMarker% >> c:\test.txt
```

If an end marker is missing then you'll know that the batch file hung.

- When you echo data to a file, use a unique file name for each machine that performs the "echo" function.
- To resolve the reported contradiction of a server file existing / not existing, try to create a folder of the same name while working on the server console.
- IMHO it is a good idea to fully qualify all data files referenced in a batch file. Instead of writing

```
DEL ?-STORE.RW
I would always write
DEL "c:\Datafiles\?-STORE.RW"
```

"PghMark" <PghMark@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:85B7B292-E89C-47E0-BFB0-7B3778481418@xxxxxxxxxxxxxxxxxxxx

I can't send you a copy of the production program (company rules), however the following code is a subset of what happens.

```
REM * PROGRAM START

:BEGIN

IF EXIST ?-STORE.RW DEL ?-STORE.RW
IF EXIST ALLSTORE.RW DEL ALLSTORE.RW

FOR /F "TOKENS=1,2 DELIMS=," %i IN (STORELIST.CSV) DO @CALL
:ADDSTORE
```

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```
%%i
%%j

GOTO :EXITBAT

:ADDSTORE

IF %1 EQU -5 ECHO %2 >>E-STORE.RW
IF %1 EQU -6 ECHO %2 >>C-STORE.RW
IF %1 EQU -7 ECHO %2 >>M-STORE.RW
IF %1 EQU -8 ECHO %2 >>W-STORE.RW

GOTO :EOF

:EXITBAT
TYPE ?-STORE.RW >ALLSTORE.RW

EXIT

REM * PROGRAM END
```

Subsequent programs that access these ".RW" files use FOR statements to read in the list of stores in either a specific time zone (E,C,M,W) or the ALLSTORE.RW file. The files are never opened for update until the next day when the above program runs again.

I can't duplicate the error on demand. When it happens it has never been the same ".RW" file that has been affected, however it appears that the file may be locked at the time the batch program is trying to delete the previous day's file.

NET FILE only shows the production application server/user id as having the file in use. At the time that I check it there are no longer any processes running on the application server.

It is strange the file disappears completely after using the NET FILE /CLOSE option to unlock the file.

Thanks, Mark

"Pegasus (MVP)" wrote:

Re: Access Denied Error -- Reading Text File in .BAT program

"PghMark" <PghMark@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:040B6729-1B2A-48DE-9F6A-51E81D225265@xxxxxxxxxxxxxxxxxxxx

I'm encountering an occasional error that is having
devastating
consequences
for my production processes.

My environment Windows Server 2003. I have the .BAT
program executing
on
an
applications server and all files that are created, or accessed,
are
stored
on a fileserver that is shared out.

The file is accessed dozens of times daily. This error has
occurred
twice
in the last couple of months.

Each night I create a .TXT file, on a network share, with a
list of
store
numbers that I will be processing on that evening.

When my problem occurs, the following happens on my
application server:

1. I am unable to delete the previous days file (access denied)
2. I can't read the .TXT file (access denied)
3. I can't copy the .TXT file (access denied)
4. A directory shows that the .TXT file exists.
5. An IF EXIST statement, both WSH and VBScript,
indicate that the
.TXT
file does not exist

If I go to the file server where the share resides:

1. NET FILE shows that the file is in use by the application
server.
2. NET FILE indicates that the file is in use, but not
LOCKED.
3. A directory listing of the file shows that it exists.

If I use NET FILE ##### /CLOSE the following are the

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results:

1. NET FILE does not show the file in use
2. A DIR command shows that the file no longer exists.

I've checked all of my event logs and there are no errors in the application, system, or security log related to the file, or in the time frame when the file was originally being deleted, then recreated.

I've "googled" the world and can not find anyone that has experienced a similar problem.

For starters, can anyone recommend a method that would help me identify what is happening to the file. If I know that I pretty sure I can figure out how to fix it.

Let's have a look at your batch file.