

Re: File system is not working in Retail Version in WinCE 5.0

Source:

<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.embedded/2006-10/msg00042.html>

- *From:* "Jim" <jbarker@xxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* 3 Oct 2006 06:11:31 -0700
-

I have a similar problem. I'm using a NOR based flash (AMD Spansion), and when I'm in debug mode, everything seems to work correctly. The mspart.dll, fatfsd.dll and diskcache.dll all get loaded. When I go to release mode, none of the above three drivers load correctly.

The main difference I have is that this all works in both debug and release mode until I enable hive-based registry, then my problems start.

Are you using a hive registry?

Jim

prabu wrote:

Hi Anthony,

Thanks, Now i am able to format, create the new partition also i am storing the files to the NAND Flash File system. But when i reboot it in the retail Version, i am not able to see the partitions. But in debug version the files i created in the retail version is visible.

In Debug version boot process after the NAND.dll the MSPART.dll, FATFSD.dll and diskCache.dll are called one by one. But The MSPART.dll and other dlls are not called.

"prabu" wrote:

Hi Anthony,

Thanks for your reply.....

As per your suggestion if there is problem in our FMD, for NAND file system i have the own FMD, but for the NOR file system i am using the FMD given by

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the Microsoft in the public Directory and i am using tthe Strata P30 flash.

Advanced Thanks ,
Prabu Kumar.K

"Anthony Pellerin" wrote:

TFAT and FAL work fine in DEBUG and RETAIL version,
you should check your
FMD, and mainly the timing on your chip select of
something like that.
I would suggest you modify your fmd_init so that at the end,
it performs an
erase of the whole flash, writes different patterns in each
sector (and
spares), reads them back and compares to what is expected.

HTH

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"prabu" <prabu@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> a écrit
dans le message de news:
3B511CD4-9EE2-43A8-B95E-583A64CF89F4@xxxxxxxxxxxxxxxxxxxx

Hi all,

I am trying to implement the tfat filesystem
for NAND and NOR flash in my
device on WINDOWSCE 5.0.
Both Nor and Nand Flash filesystem is
working in the Debug version. But it
is not working in the retail version.

During the format operation,

FMD_WriteSector() is called by the
FAL,after that FMD_ReadSector() is
called

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by the FAL, then again the
FMD_WriteSector() and FMD_ReadSector()
is called
for each Sector Starting from 0th Sector.

But the same operation is not taken place in
retail version for both NAND
and NOR filesystem. Only
FMD_ReadSector() is called for some time
and it
says
the following error on the Message box.

"A System Cannot Write to the Specified
Device".

Is there any Code Optimisation Issue During
the Compilation process?

Because
both the NAND and NOR FMD drivers are
working correctly in the Debug
Version. The Same issue is occurred in both
the file system.

Also I am suspecting the issue in FAL.
Because the FMD_ReadSector() and
FMD_WriteSector() is called by that Layer.

Advanced Thanks,
Prabu Kumar.K