

Re: Can someone else help? Was changing partition size.

## Re: Can someone else help? Was changing partition size.

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*Source:*

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.general/2009-07/msg00923.html>

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- *From:* Dennis <den942@xxxxxxxxxxx>
  - *Date:* Tue, 07 Jul 2009 01:15:44 -0400
- 

Unfortunately, no. Somehow, sometime, this last week I could see that partition and the files, but not now. I think it was before I got Windows 98 to boot up. If I loose that, I'm hurting bad. I did back it up, I think, but not real recently.

Andy wrote:

Can you access the Windows XP files when booting from the Windows 98 floppy diskette?

On Mon, 06 Jul 2009 19:43:17 -0400, Dennis <den942@xxxxxxxxxxx> wrote:

I screwed up on this post. It is the second Partition on the first hard drive, what would be D: with one hard drive, that Windows 98 does not list. Windows XP is on what Windows 98 would call D: but XP changes the letters and it screws me up...

Dennis wrote:

Update:

I ran c:\regscan/restore and picked the oldest version to restore.

Now Windows 98 boots up. But, I can not run Scandisk or Defrag

because it says there isn't enough memory. It shows 768 mg of

memory is installed and 58% is free. I can get on the internet, run PC Pitstop optimize, run SuperantiSpyware, etc.. I can not

run Scandisk or Defrag in regular or Safe Mode because it says

I don't have enough memory.

Also, My Computer still does not list the partition that has Windows XP installed. That is the first partition on the second

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hard drive. It shows the second partition on the second hard drive.

Dennis wrote:

Ok, did the sys c: thing. At boot up I get the option screen and if I say Normal Mode, I get this:  
Invalid VxD dynamic link called to Device No 3 Service B. Invalid copy of Windows. Please reinstall Windows.(or something like this)  
If I pick Safe Mode, it boots up in safe mode. While in Safe Mode, it does not recognize or at least does not show the partition with Windows XP installed. It only shows three of four partitions on the two hard drives.  
While in safe mode I copied everything on C: to drive E:. It would not let me run Scandisk or Defrag saying I had insufficient memory.

Andy wrote:

Boot from the Windows 98 boot floppy, and run the sys c: command.  
This should fix the boot sector on the C: drive and allow you to boot to Windows 98. Then boot to the Windows XP recovery console and execute the fixboot command.

On Wed, 01 Jul 2009  
09:32:49 -0400, Dennis  
<den942@xxxxxxxxxxx>  
wrote:

Ok, I ran scandisk and it repaired the FAT table.

C:\dir

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shows me  
all the  
folders and  
files on C:.

Test disk  
said the  
boot sector  
was ok and  
the copy  
was  
ok but it  
still won't  
boot up.I  
still get a  
boot disk  
failure  
message.

BTW,  
Testdisk did  
not write  
the back up  
FAT to the  
disk,  
Scandisk  
repaired  
that part.

This is the  
drive that I  
changed the  
partition  
size that  
started  
this whole  
mess. Is that  
why it still  
won't boot  
up? Is the  
partition  
size  
incorrect in  
the MBR  
and keeping  
it from  
booting? Is  
there a way  
to fix that?

Andy

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wrote:

Did  
you  
write  
the  
partition  
structure  
to  
the  
disk?  
and  
What  
does  
TestDisk  
say  
about  
the  
boot  
sector?

If  
there's  
a  
valid  
FAT32  
boot  
sector,  
boot  
from  
the  
Windows  
98  
emergency  
floppy,  
and  
do  
a  
dir  
c:\.  
If  
you  
see  
the  
expected  
Windows  
98  
files  
and  
folders,  
then

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perform  
a  
scandisk  
c:\  
to  
fix  
the  
file  
system.

On  
Mon,  
29  
Jun  
2009  
09:47:50  
-0400,  
Dennis  
<den942@xxxxxxxxxxx>  
wrote:

Here  
is  
what  
I  
get:

Disk  
88  
-  
20  
GB  
/  
18  
GiB  
-  
CHS  
2435  
255  
63

Current  
Partition  
Structure

Partition  
Start  
End  
Size  
in

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Sectors

Invalid  
FAT  
Boot  
Sector

1  
\*  
FAT  
32  
0  
1  
1  
828  
254  
63  
13317822  
1  
\*  
FAT  
32  
0  
1  
1  
828  
254  
63  
13317822  
2  
E  
extended  
LBA  
1217  
0  
1  
2433  
254  
63  
19551105  
5  
L  
FAT  
32  
1  
1  
2433  
254  
63  
19551105  
[XP]

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\*=Primary  
Bootable  
P=Primary  
L=Logical  
E=Extended  
D=Deleted

[Quick  
Search]  
[Backup]  
Try  
to  
locate  
partition

---

Andy  
wrote:

There's  
a  
utility  
named  
TestDisk  
that  
can  
recover  
the  
Windows  
98  
FAT32  
partition.

<[http://www.cgsecurity.org/wiki/TestDisk\\_D](http://www.cgsecurity.org/wiki/TestDisk_D)

<[http://www.cgsecurity.org/wiki/TestDisk\\_S](http://www.cgsecurity.org/wiki/TestDisk_S)

<[http://www.cgsecurity.org/wiki/Advanced\\_I](http://www.cgsecurity.org/wiki/Advanced_I)

Following  
is  
an  
example  
of  
a  
recovery  
operation:

(No

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Log)

(Select  
disk;  
Proceed)

(Intel)

(Analyse)

(Quick  
Search)

(Vista?  
No)

TestDisk  
6.11.3,  
Data  
Recovery  
Utility,  
May  
2009

Christophe  
GRENIER

<grenier@xxxxxxxxxxxxxxxx>

<http://www.cgsecurity.org>

Disk  
/dev/sda

-

40

GB

/

37

GiB

-

CHS

4865

255

63

Partition

Start

End

Size

in

sectors

\*

FAT12

0

1

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1  
1  
254  
63  
32067  
[NO  
NAME]  
L  
FAT32  
LBA  
2433  
1  
1  
4864  
254  
63  
39070017  
[WINDOWS  
XP]

Structure:  
Ok.  
Use  
Up/Down  
Arrow  
keys  
to  
select  
partition.  
Use  
Left/Right  
Arrow  
keys  
to  
CHANGE  
partition  
characteristics:  
\*=Primary  
bootable  
P=Primary  
L=Logical  
E=Extended  
D=Deleted  
Keys  
A:  
add  
partition,  
L:  
load  
backup,

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T:  
change  
type,  
P:  
list  
files,  
Enter:  
to  
continue  
FAT12,  
16  
MB  
/  
15  
MiB

(Enter)

(Deeper  
Search)

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Disk  
/dev/sda  
-  
40  
GB  
/  
37  
GiB  
-  
CHS  
4865  
255  
63  
Partition  
Start  
End  
Size  
in

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sectors  
D  
FAT12  
0  
1  
1  
1  
254  
63  
32067  
[NO  
NAME]  
D  
FAT32  
LBA  
0  
1  
1  
1216  
254  
63  
19551042  
[WINDOWS98SE]  
D  
HPFS  
-  
NTFS  
0  
1  
1  
4864  
254  
63  
78156162  
D  
FAT32  
LBA  
2433  
1  
1  
4864  
254  
63  
39070017  
[WINDOWS  
XP]

Structure:  
Ok.  
Use

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Up/Down  
Arrow  
keys  
to  
select  
partition.  
Use  
Left/Right  
Arrow  
keys  
to  
CHANGE  
partition  
characteristics:  
\*=Primary  
bootable  
P=Primary  
L=Logical  
E=Extended  
D=Deleted  
Keys  
A:  
add  
partition,  
L:  
load  
backup,  
T:  
change  
type,  
P:  
list  
files,  
Enter:  
to  
continue  
FAT12,  
16  
MB  
/  
15  
MiB  
  
(Use  
Left/Right  
Arrow  
keys  
to  
CHANGE  
partition  
characteristics)

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Disk  
/dev/sda  
-  
40  
GB  
/  
37  
GiB  
-  
CHS  
4865  
255  
63  
Partition  
Start  
End  
Size  
in  
sectors  
D  
FAT12  
0  
1  
1  
1  
254  
63  
32067  
[NO  
NAME]  
\*  
FAT32  
LBA  
0  
1  
1  
1216  
254

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63  
19551042  
[WINDOWS98SE]  
D  
HPFS  
-  
NTFS  
0  
1  
1  
4864  
254  
63  
78156162  
L  
FAT32  
LBA  
2433  
1  
1  
4864  
254  
63  
39070017  
[WINDOWS  
XP]

Structure:  
Ok.  
Use  
Up/Down  
Arrow  
keys  
to  
select  
partition.  
Use  
Left/Right  
Arrow  
keys  
to  
CHANGE  
partition  
characteristics:  
\*=Primary  
bootable  
P=Primary  
L=Logical  
E=Extended  
D=Deleted

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Keys  
A:  
add  
partition,  
L:  
load  
backup,  
T:  
change  
type,  
P:  
list  
files,  
Enter:  
to  
continue  
FAT32,  
20  
GB  
/  
18  
GiB

(Enter)

TestDisk  
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Data  
Recovery  
Utility,  
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Disk  
/dev/sda  
-  
40  
GB  
/  
37  
GiB  
-  
CHS  
4865  
255  
63

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```
Partition
Start
End
Size
in
sectors

1
*
FAT32
LBA
0
1
1
1216
254
63
19551042
[WINDOWS98SE]
2
E
extended
LBA
2433
0
1
4864
254
63
39070080
5
L
FAT32
LBA
2433
1
1
4864
254
63
39070017
[WINDOWS
XP]

[
Quit
]
[
Write
```

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]
[Extd
Part]
Write
partition
structure
to
disk

(Write)

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Write
partition
table,
confirm
?
(Y/N)

(y)

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Disk
/dev/sda
-
40
GB
/
37

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GiB  
-  
CHS  
4865  
255  
63  
Partition  
Start  
End  
Size  
in  
sectors  
1  
\*  
FAT32  
LBA  
0  
1  
1  
1216  
254  
63  
19551042  
[WINDOWS98SE]

Boot  
sector  
OK  
Warning:  
valid  
FAT  
bootsector  
but  
not  
a  
FAT32  
one!  
Backup  
boot  
sector  
OK

First  
sectors  
(Boot  
code  
and  
partition  
information)  
are  
not

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identical.  
Second  
sectors  
(cluster  
information)  
are  
not  
identical.

A  
valid  
FAT  
Boot  
sector  
must  
be  
present  
in  
order  
to  
access  
any  
data;  
even  
if  
the  
partition  
is  
not  
bootable.

[  
Quit  
]  
[  
List  
]  
[Backup  
BS]  
[Rebuild  
BS]  
[  
Dump  
]  
Copy  
backup  
boot  
sector  
over  
boot

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sector

(Backup  
BS)

(Quit)

(Quit)

On  
Tue,  
23  
Jun  
2009  
10:52:02  
-0400,  
"Dennis"  
<den942@xxxxxxxxxx>  
wrote:

After  
debug,  
rebooting  
and  
entering  
sys  
c:  
at  
A:\  
gets  
this:  
File  
Allocation  
table  
bad,  
drive  
C

"Andy"  
<1@xxx>  
wrote  
in  
message  
[news:k480459fe3ijeqk5ef7ilo93anqh](mailto:news:k480459fe3ijeqk5ef7ilo93anqh)

The

-

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is  
the  
debug  
prompt  
symbol.  
You  
just  
enter  
w  
100  
2  
0  
1  
and  
q.

On  
Sun,  
21  
Jun  
2009  
23:54:23  
-0400,  
"Dennis"  
<den942@xxxxxxxxxx>  
wrote:

After  
I  
type  
debug,  
are  
the  
next  
two  
lines  
automatic  
computer  
responses  
or  
inputs  
from  
me?  
Do  
I  
put  
in  
the  
-w  
100

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2  
0  
1  
and  
the  
-q?  
I  
want  
to  
do  
it  
right  
once.

"Andy"  
<1@xxx>  
wrote  
in  
message  
[news:s6at35525ksop](mailto:news:s6at35525ksop)

The  
directory  
listing  
of  
C:\  
that  
looks  
like

Volu  
in  
drive  
C  
has  
no  
label  
Volu  
serial  
num  
is  
0000

Dire  
of  
C:\

1  
file(  
222,

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byte  
0  
dir(s  
7,  
086,  
byte  
free

(minus  
the  
ntldr  
file)  
is  
the  
result  
of  
the  
Windows  
XP  
Recovery  
console  
fixboot  
command  
not  
being  
able  
to  
determine  
the  
file  
system  
of  
the  
C:  
partition.  
After  
trying  
to  
determine  
the  
file  
system,  
the  
fixboot  
command  
wrote  
an  
MS-DOS  
5.0  
FAT12

Re: Can someone else help? Was changing partition size.

Re: Can someone else help? Was changing partition size.

boot  
sector  
instead  
of  
the  
correct  
MSWIN  
4.1  
FAT32  
boot  
sector,  
which  
is  
why  
no  
files  
are  
shown.

To  
fix  
the  
problem,  
do  
the  
following:  
Boot  
from  
Windows  
98  
emergency  
boot  
floppy  
and  
do  
the  
following  
(this  
wipes  
out  
the  
existing  
boot  
sector):  
A:\>debug  
-  
w  
100  
2  
0  
1

Re: Can someone else help? Was changing partition size.

Re: Can someone else help? Was changing partition size.

-q  
A:\>

Boot  
the  
computer  
from  
the  
Windows  
98  
emergency  
boot  
floppy  
again  
(this  
must  
be  
done)  
and  
do  
the  
following:  
A:\>sys  
c:

Hopefully,  
the  
system  
will  
be  
transferred,  
and  
the  
computer  
should  
boot  
to  
Windows  
98  
from  
the  
hard  
drive.  
If  
there's  
an  
error,  
more  
complicated  
procedures  
can

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be  
performed.

Alternatively  
if  
there  
aren't  
any  
files  
on  
the  
C:  
drive  
that  
you  
can't  
do  
without,  
it's  
easier  
just  
to  
reinstall  
Windows  
98  
by  
reformatting  
C:  
first.  
Then  
Windows  
XP  
fixboot  
will  
work  
correctly.

On  
Fri,  
19  
Jun  
2009  
08:49:46  
-0400,  
"Dennis"  
<den942@x...>  
wrote:

C:\  
dir

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gets  
this  
Volu  
in  
drive  
C:  
has  
no  
lable  
Volu  
seria  
num  
is  
0000

Dire  
of  
C:\

NTL  
08-  
12:0  
P  
1  
file(  
222,  
byte  
0  
dir(s  
7,  
086,  
byte  
free

"An  
<1@  
wrot  
in  
mess.  
new

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