

Re: du returns a diff size to ls.

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Source: <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2006-06/msg00171.html>

- *From:* Bruce Whittaker <bwhittak@xxxxxxxxxxxxxx>
 - *Date:* Fri, 30 Jun 2006 10:09:39 +1000
-

That's perfect Lamar,

many thanks.

Bruce Whittaker,
CASS Support,
Extension 34193
External (02) 9269 4193.

Lamar Saxon <Lamar.Saxon@xxxxxxxxxxxxxx>
Sent by: IBM AIX Discussion List <aix-l@xxxxxxxxxxxxxx>
30/06/2006 00:47
Please respond to
IBM AIX Discussion List <aix-l@xxxxxxxxxxxxxx>

To
aix-l@xxxxxxxxxxxxxx
cc

Subject
Re: du returns a diff size to ls.

This might help:

<http://www-1.ibm.com/support/docview.wss?rs=111&context=SWG10&q1=sparse+files&uid=isg3T1000145&loc=en>

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From: IBM AIX Discussion List [<mailto:aix-l@xxxxxxxxxxxxxx>] On Behalf Of
Bruce Whittaker
Sent: Thursday, June 29, 2006 2:19 AM
To: aix-l@xxxxxxxxxxxxxx
Subject: du returns a diff size to ls.

Hi all,

a quick question...using AIX 5.2 ML7

I have a sybase device file (a sparse database file) and if I use ls -l it returns the correct size of the file.

If I use a du -sk on the file, it returns a much smaller size (the actual size used?)

ie,

```
bruce@cass4$ ls -l
-rw-r--r-- 1 syadmin sybase 62914560 Jun 27 16:38 master.dat
```

```
bruce@cass4$ du -sk *
9184 master.dat (Size is 9Meg here...)
```

Now... I gzipped the file, transferred it using rcp to another machine and unzipped it. du now returns a value that matches the size found using ls.

```
bruce@cass5$ ls -l
-rw-r--r-- 1 syadmin sybase 62914560 Jun 27 16:38 master.dat
```

```
bruce@cass5$ du -sk *
61440 master.dat t (Now 60 Meg...as per the ls
-l)
```

I find this a little confusing and I'm wondering if anyone can explain what I'm seeing?

Bruce Whittaker,
CASS Support,

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