

Difference between cpio copy and tar copy

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Hello Sun Gurus;

I recently had to dump almost 100 Gbyte of data from a mounted read only vxfs volume to a newly formatted ufs mount point.

So I used the following command

```
#cd /<source directory>
```

```
#find . | cpio -pdmv <target directory>
```

Lo and behold, the above command worked.

To a point. It ended after copying about 23 Gbyte of data with the following messages;

```
.
```

```
.
```

```
.
```

```
/xxyy/querust/abcdefg.LOG
```

```
48581232 blocks
```

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3 error(s)

Why did it stop before the whole directory was copied? Surely not because of the 3 errors! The 3 errors occurred somewhere in the middle of the cpio operation well before the cpio stopped seemingly gracefully.

I had thought cpio was a lot more advanced than a simple cp operation.

My colleague subsequently asked me to use the following command

```
#cd /<source directory>  
#tar -cf - * | (cd /<target directory>;tar -xf -)
```

Which successfully copied the whole thing.

My question is why did cpio not worked properly and which of the above command is more appropriate for a large copy operation? And which is faster?

Warmest Regards
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