

Re: [PATCH] adding two new options to 'cp'

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- *From:* Julian Elischer <[julian@xxxxxxxxxxxxx](mailto:julian@xxxxxxxxxxxxx)>
  - *Date:* Wed, 26 Jul 2006 20:51:13 -0700
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Eric Anderson wrote:

I'm tired of trying to use rsync or gcp (which doesn't like symlinks often) to copy trees of files/directories using hard links, so I added the gcp-ish options `-a` and `-l`.

`-a` is 'archive' mode, which is just a quick form of `-PpR`.

`-l` is 'link' mode, where regular files get hard linked instead of copied.

So, you can mimic an entire tree with something like:

```
cp -al /from/ /to/
```

I've always used:

```
find . -depth |cpio -pdlmv $dest
```

(fully portable) but your addition can't hurt (well it might make the larger program load a bit slower but it isn't that much.)

and it's fast too!

Patch is against 6-STABLE, but works well on 7-CURRENT as well.

Patch is here (with man page edits):

<http://www.googlebit.com/freebsd/patches/cp-patch>

```
cd /tmp/  
fetch http://www.googlebit.com/freebsd/patches/cp-patch  
cd /usr/src/  
patch < /tmp/cp-patch  
cd bin/cp  
make && make install
```

Patch was done for rsnapshot users mainly (there are quite a few of us).

Comments? Flames? Committers willing to commit?

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Eric

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