



Fun With `rsync`

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Basic Usage

- As an `scp` replacement:

```
rsync -aHv /some/dir/ remhost:/dir  
rsync -aHv remhost:/dir/ /local/dir
```

- Or even just a better `cp`:

```
rsync -aHv /this/dir/ /that/dir
```

- The `'-n'` option is your friend!



As a Backup Solution

`--link-dest=DIR`

- If file exists in *DIR*, make hard link
- You only xfer the "changed" files
- Still looks like complete image

`--exclude-from=FILE`

- *FILE* contains patterns to exclude (e.g. `/proc/`, `*.iso`, etc)



Putting It All Together...

```
rsync -aHv  
  --link-dest=/backup/remhost/20070820  
  --exclude-from=/exclude/remhost.excl  
remhost: / /backup/remhost/20070821  
>/backup/logs/remhost-20070821 2>&1
```