rsync

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A replacement for rcp/scp

```
rsync [OPTION] ... SRC [SRC] ... [USER@]HOST:DES
rsync [OPTION] ... [USER@]HOST:SRC [DEST]
```

```
rsync -avhz --progress SRC DEST
```

Syntax caveat

```
rsync -av /src/foo /dest
rsync -av /src/foo/ /dest/foo
```

Source or destination may be local or remote

```
rsync -avhz user@myhost:/src/foo /dest
```

Mirror the SRC exactly

```
rsync -av --delete SRC DEST
```

```
rsync -avhz --append-verify SRC DEST
```

Test your command first

```
rsync -avz --delete --dry-run SRC DEST
```

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- Set permissions; set ownership.
- Don't traverse devices or file systems.
- Remove all empty directories.
- Hard-link unchanged files.