

rsync

rsync is an [open source](#) utility that provides fast incremental file transfer. rsync is freely available under the [GNU General Public License](#).

Package

```
pacman -S rsync
```

SSH

```
rsync --recursive --links --times --owner --group --itemize-changes --  
partial --progress --human-readable --verbose --stats /local/path  
user@host:~/path/
```

From ssh to local:

```
rsync --recursive --links --times --owner --group --itemize-changes --  
partial --progress --human-readable --verbose --stats user@host:~/path/  
/local/path
```

Short:

```
rsync -rltogiPhv --stats /local/path user@host:~/path/
```

```
rsync -rltogiPhv --stats user@host:~/path/ /local/path
```

Different port:

```
rsync -rltogiPhv --stats -e "ssh -p PORTNUMBER" /local/path  
user@host:~/path/
```

See what each option does - https://man.archlinux.org/man/rsync.1#OPTION_SUMMARY

Daemon

Credentials

```
echo "$user:$password" > /etc/rsyncd.secrets  
chmod 400 /etc/rsyncd.secrets
```

Config

```
nano /etc/rsyncd.conf
```

```
[archive]
path = /path/
comment = Archive
timeout = 300
read only = false
# Security
auth users = $user
secrets file = /etc/rsyncd.secrets
# Optional
#hosts allow = 192.168.1.0/255.255.255.0
```

Service

```
systemctl enable --now rsyncd.service
```

From:

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<http://wiki.techsaviours.org/en/server/services/rsync?rev=1645819494>

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