|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | unidirectional | Two-way | Last Update | By | Note |
| [rsync](https://linuxize.com/post/how-to-use-rsync-for-local-and-remote-data-transfer-and-synchronization/) | [auto](https://stackoverflow.com/questions/12460279/how-to-keep-two-folders-automatically-synchronized) | ([bash](https://stackoverflow.com/questions/48506485/how-to-make-a-bash-function-to-run-a-bidirectional-rsync)) | [2018](https://download.samba.org/pub/rsync/rsync.html) | samba.org | incremental backup |
| [Lsyncd](https://linoxide.com/tools/setup-lsyncd-sync-directories/) | v | ? | [2018](https://github.com/axkibe/lsyncd) | <https://axkibe.github.io/lsyncd/> | wraps rsync |
| [Syncthing](https://syncthing.net/) |  | v | [current](https://github.com/syncthing/syncthing); [forum](https://forum.syncthing.net/) | syncthing.net | encrypting when scanning |
| [osync](http://www.netpower.fr/osync) |  | v | [2017](http://www.netpower.fr/osync); [current](https://github.com/deajan/osync) | netpower.fr |  |
| [unison](https://www.cis.upenn.edu/~bcpierce/unison/) |  | v | [2018](https://github.com/bcpierce00/unison/releases) | cis.upenn.edu (Benjamin Pierce) | synchronizer; [slow & unreliable](https://stackoverflow.com/questions/2936627/two-way-sync-with-rsync); |