

# duplicity

Creates incremental, compressed, encrypted and versioned backups.  
Can also upload the backups to a variety of backend services.

- Backup a folder via FTPS to a remote machine, encrypting it with a password:

```
FTP_PASSWORD={{ftp_login_password}} PASSPHRASE={{encryption_password}} duplicity  
{{path/to/source/directory}} {{ftps://user@hostname/target/directory/path/}}
```

- Backup a folder to Amazon S3, doing a full backup every month:

```
duplicity --full-if-older-than {{1M}} --use-new-style  
s3://{{bucket_name[/prefix]}}
```

- Delete versions older than 1 year from a backup stored on a WebDAV share:

```
FTP_PASSWORD={{webdav_login_password}} duplicity remove-older-than {{1Y}} --  
force {{webdav[s]://user@hostname[:port]/some_dir}}
```

- List the available backups:

```
duplicity collection-status "file://{{absolute/path/to/backup/folder}}"
```

- List the files in a backup stored on a remote machine, via ssh:

```
duplicity list-current-files --time {{YYYY-MM-DD}}  
scp://{{user@hostname}}/path/to/backup/dir
```

- Restore a subdirectory from a GnuPG-encrypted local backup to a given location:

```
PASSPHRASE={{gpg_key_password}} duplicity restore --encrypt-key {{gpg_key_id}} -  
-file-to-restore {{relative/path/restorefolder}}  
file://{{absolute/path/to/backup/folder}} {{path/to/directory/to/restore/to}}
```