

tar/tar.gz

Create archiv.tar with 1 file and all pdfs

```
tar -cf archiv.tar datei_1.txt *.pdf
```

Create archiv.tar with all subdir

```
tar -cf archiv.tar path/
```

Extract files

```
tar -xf archiv.tar
```

Add 1 specific file to archiv (uncompressed)

```
tar -rf archiv.tar datei_1.txt
```

Create archiv.tar.gz

```
tar -czf archiv.tar.gz file
```

Extract gzip archives

```
tar -xzf archiv.tar.gz -C /
```

Extract gzip archives to /path

```
tar -xzf archiv.tar.gz -C /path
```

Extract 1 specific file

```
tar -xzf archiv.tar.gz Path/file
```

Show which files are in archiv.tar

```
tar -tvf archiv.tar
```

tar.bz2

Create a tar.bz2 archiv

```
tar -cjf archiv.tar.bz2 test /*
```

Extract bz2 archiv

```
tar -xjf beispiel.tar.bz2
```

Extract archiv to specific path

```
tar -xjf archiv.tar.bz2 -C /path
```

Zip/Unzip

Create Zip archiv

```
zip archiv.zip File1 example/*
```

Creating Zip with pw

```
zip -e archiv.zip File1 example/*
```

Extract file

```
unzip archiv.zip -d /path
```

rar

Creating a Rar archiv

```
rar a test.rar -p file1 file2
```

Creating a Rar archiv and split the file into fragments

```
rar a -v2048 test.rar -p file1 file2
```

Creating a Rar archiv with pw

```
rar a -p archiv.rar
```

Extract from Rar archiv

```
unrar e (or with) /path/
```

Extract archiv according their folder structure

```
unrar -x
```

list files in archiv

```
unrar l
```

Update archiv with new file

```
rar u archiv.rar test.txt
```

gzip

Create a compressed gzip

```
gzip FILE
```

Extract file from archiv

```
gzip -d FILE
```

Extract file keeps gzip file

```
gzip -d -k FILE
```

common tar Options

-c --create

create a new archive

-x

extract files from an archive

-j

filter the archive through bzip2

-z

filter the archive through gzip

-f

use archive file or device ARCHIVE

-u

only append files newer than copy in archive

--delete

delete from the archive

-r

append files to the end of an archive

-t

list the contents of an archive

--overwrite

overwrite existing files when extracting

7z

Creating 7zip archiv

```
7z a archiv.7z file
```

Extract 7zip archiv

```
7z e archiv.7z
```

List files from 7zip archiv

```
7z l archiv.7z
```