tar | File Archive Commands

TAR (No Compression)

Create TAR Archive

Create a TARarchive from a directory. "-cf" is to create and append. No compression.

```
tar -cf <filename> <dir>
```

Extract TAR Archive

Extract the TAR file to the current directory.

```
tar -xf <filename>
```

View TAR Archive

View the content of the TAR file.

```
tar -tf <filename>
```

TAR (With Compression)

Create a TAR file with compression

Create a TAR archive with compression. The order of the letter is important.

```
(gzip) $ tar -czf <filename> <dir>
(bzip2) $ tar -cjf <filename> <dir>
(xz) $ tar -cJf <filename> <dir>
```

Extract a compressed TAR file

Extract a compressed TAR file to the current directory.

```
(gzip) $ tar -xzf <filename>

(bzip2) $ tar -xjf <filename>

(xz) $ tar -xJf <filename>
```

Preserve Permission and Verbose

Create a compressed TAR file and **preserve permissions**.

```
(gzip) $ tar -cvpzf <filename> <dir>

(bzip2) $ tar -cvpzf <filename> <dir>

(xz) $ tar -cvpzf <filename> <dir>
```

permission gzip

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