

# File Compression

- Compression and Decompressing

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## Get file extension

```
file unknownfiletype.bin
```

```
unknownfiletype.bin: gzip compressed data, was "data2.bin", last modified: Thu May 7 18:14:30 2020, max  
compression, from Unix
```

## Decompress

### Decompress Tarball

```
tar xf file3.tar
```

Extract .tar.gz file to current working  
directory and print output:

```
tar -xvf file4.tar.gz
```

### Decompress gzip

```
gzip -d file.gz
```

# Decompress bzip2

```
bzip2 -d file2.bz2
```

# Decompress .tar.gz file with gzip:

```
gzip -d file5.tar
```

# compress

## using tar

```
tar czf <archive name>.tar.gz <file(s) or location(s)>
```

# Using gzip

## Compressing Files with gzip

```
gzip filename
```

## Compressing Files with gzip. Keep the original file

```
gzip -k filename
```

## Compress multiple files

```
gzip file1 file2 file3
```

# using bzip2

```
bzip2 -z file.txt
```