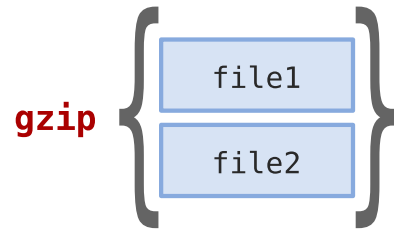


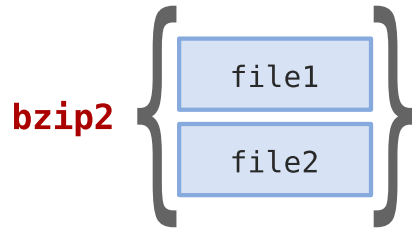
## Compression



**gzip**



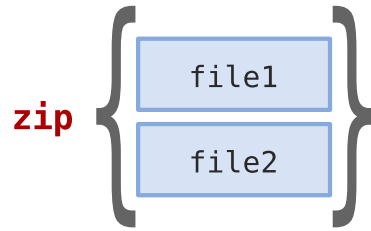
```
gzip file1 file2  
-k keep original files  
-r recurse into subdirectories  
-# where # is level of compression (0-9)  
-d extract files  
-N save original name & timestamp
```



**bzip2**



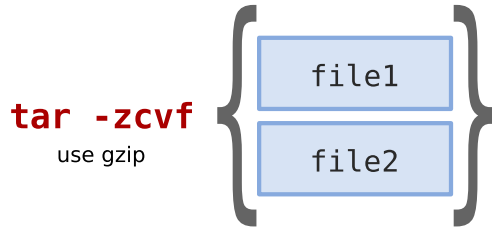
```
bzip2 file1 file2  
-k keep original files  
-# where # is level of compression (0-9)  
-d extract files
```



**zip**



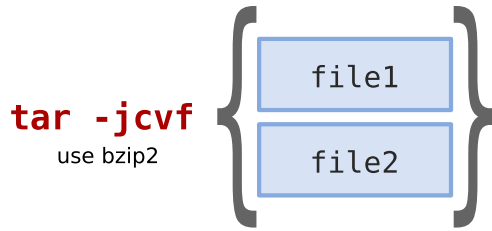
```
zip arch.zip file1 file2  
-db display progress in bytes  
-e encrypt (password protect)  
-f freshen (update existing files, add new ones)  
-r recurse into subdirectories  
-# where # is level of compression (0-9)
```



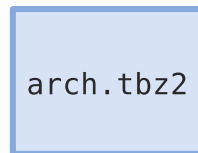
**tar -zcvf**  
use gzip



```
tar -zcvf arch.tgz file1 file2  
-c create archive  
-r update archive (include only files newer than those in archive)  
-t list archive  
-x extract files from archive  
-z use gzip compression  
-j use bzip2 compression  
-a determine compression from archive name
```



**tar -jcvf**  
use bzip2



```
-W attempt to verify after packing  
-f input file  
-v verbose (list files currently processed)  
-T [FILE]  
get names to extract or create from FILE  
--numeric-owner  
always use numbers for user/group names
```

## Decompression



**bzip2 -d**  
**bunzip2**



**gzip -d**  
**gunzip**



**unzip**



**tar -zxvf**

## Listing



**gunzip -l**



**unzip -l**



**tar -ztvf**