Archivers Cheatsheet

| **Task** | **Options** | **Example** |
| --- | --- | --- |
| Create archive | -c | tar -cf etc.tar /etc |
| Create gzip archive | -z | tar -czf etc.tar.gz /etc |
| Create bzip archive | -j | tar -cjf etc.tar.gz /etc |
| Create xz archive | -J | tar -cJf etc.tar.xz /etc |
| Create archive with permissions | -p | tar -cpf etc.tar. /etc |
| Display verbose output | -v | tar -cvpf etc.tar /etc |
| Display archive | -t | tar -tf etc.tar |
| Display gzip archive | -tz | tar -tz etc.tar.gz |
| Display bzip2 archive | -tj | tar -tj etc.tar.bz2 |
| Display xz archive | -tJ | tar -tJ etc.tar.xz |
| Display verbose output | -v | tar -cvpf etc.tar /etc |
| Extract tar archive | -x | tar -xf archive.tar |
| Extract tar gzip archive | -xz | tar -xzf archive.tar.gz |
| Extract tar bzip2 archive | -xj | tar -xjf archive.tar.bz2 |
| Extract xz archive | -xJ | tar xJf archive.tar.xz |
| Extract to new location | -C | tar -xf archive.tar -C /home/bob/ |
| Extract with permissions | -p | tar -xpf archive.tar |
| Create full backup with incremental file | -g | tar -czvg snapshotfile -f full.tar.gz /home |
| Create incremental backup | -g | tar -czvg snapshotfile -f monday.tar.gz /home |

**Compressor tools**

| **Task** | **Example** |
| --- | --- |
| Create gzip archive | gzip file |
| Create bzip2 archive | bzip2 -z file |
| Create zip archive | zip archive file |
| Create xz archive | xz file |
| Extract gzip archive | gunzip file.gz |
| Extract bzip2 archive | bunzip2 file.bz2 |
| Extract zip archive | unzip file.zip |
| Extract xz archive | unxz file.xz |