

Tar / Untar

```
tar -zcvf archive-name.tar.gz directory-name
```

Where,

- -z : Compress archive using gzip program in Linux or Unix
- -c : Create archive on Linux
- -v : Verbose i.e display progress while creating archive
- -f : Archive File name

For example, say you have a directory called /home/jerry/prog and you would like to compress this directory then you can type tar command as follows:

```
$ tar -zcvf prog-1-jan-2005.tar.gz /home/jerry/prog
```

Above command will create an archive file called prog-1-jan-2005.tar.gz in current directory. If you wish to restore your archive then you need to use the following command (it will extract all files in current directory):

```
$ tar -zxvf prog-1-jan-2005.tar.gz
```

Where,

- -x: Extract files from given archive

If you wish to extract files in particular directory, for example in /tmp then you need to use the following command:

```
$ tar -zxvf prog-1-jan-2005.tar.gz -C /tmp  
$ cd /tmp  
$ ls -
```

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