# 1 CheatSheet: Linux Compress And Decompress

Tools

Updated: September 24, 2019

- PDF Link: cheatsheet-archive-A4.pdf, Category: tools
- Blog URL: https://cheatsheet.dennyzhang.com/cheatsheet-archive-A4
- Related posts: Shell CheatSheet, #denny-cheatsheets

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### 1.1 Decompress

Name	Summary
Unpack *.tar	tar -xvf ./file.tar
Unpack *.tar.gz	tar xvzf ./file.tar.gz
Unpack *.rar	unrar e ./file.rar
Unpack *.zip	unzip ./file.zip
Unpack *.gz	<pre>gunzip ./file.gz; gzip -d file.gz</pre>
Unpack *.bz2	<pre>tar -jxvf file.tar.bz2 -C /tmp/extract_here/</pre>
Unpack $*.7z$	7z e ./file.7z install p7zip first
Unpack *.xz	tar -xf ./file.tar.xz
Unpack *.jar	jar -xvf ./file.jar
Unpack *.war	jar -xvf ./file.war
Unpack *.tgz	tar -xf ./file.tgz

## 1.2 Compress Common Format

Name	Command
Pack to *.tar	tar -cvf ./file.tar <dir_to_compress></dir_to_compress>
Pack to *.gz	<pre>tar -zcvf ./newfile.tar.gz <dir_to_compress></dir_to_compress></pre>
Pack to *.tgz	tar -cvzf backup.tgz *
Pack to *.bz2	<pre>tar -cvf ./file.tar.bz2 <dir_to_compress></dir_to_compress></pre>
Pack to *.zip	<pre>zip -r ./file.zip <dir_to_compress></dir_to_compress></pre>

### 1.3 Advanced Usage

Name	Command
Pack with exclude	tarexclude "*.git*" -cvf file.tar <dir_to_compress></dir_to_compress>
Remove a single file from tarball	tardelete -f file.tar file1.txt
Add file to tarballr indicates append	tar -rf file.tar file1.txt

### 1.4 More Resources

http://www.simplehelp.net/2008/12/15/how-to-create-and-extract-zip-tar-targz-and-tarbz2-files-in-linux License: Code is licensed under MIT License.