

CheatSheet: Linux Compress And Decompress

TOOLS

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

File me Issues or star this repo

1.1 Decompress

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

1.2 Compress Common Format

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

1.3 Advanced Usage

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

1.4 More Resources

<http://www.simplehelp.net/2008/12/15/how-to-create-and-extract-zip-tar-targz-and-tarbz2-files-in-linux>
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