

[howto](#), [zypper](#), [cheatsheet](#), [suse](#)

Zypper Cheat-Sheet

- <https://en.opensuse.org/images/1/17/Zypper-cheat-sheet-1.pdf>
- <https://en.opensuse.org/images/3/30/Zypper-cheat-sheet-2.pdf>

Local copy:

- zypper-cheat-sheet-1.pdf
- zypper-cheat-sheet-2.pdf

List available package versions

- <https://superuser.com/questions/791907/zypper-how-to-list-different-available-versions-of-a-package>

```
zypper search -s chromium
```

S	Name	Type	Version	Arch	Repository
	chromium	package	113.0.5672.126-1.2	x86_64	Main
Repository (OSS)	chromium-bsu	package	0.9.16.1-1.21	x86_64	Main
Repository (OSS)	chromium-ffmpeg-extra	package	103.0.5060.114-1699.2.pm.3	x86_64	Packman
	chromium-ffmpeg-extra	srcpackage	103.0.5060.114-1699.2.pm.3	noarch	Packman
	chromium-ffmpeg-extra	srcpackage	96.0.4664.110-1.3	noarch	Packman
	chromium-ffmpeg-extra-debuginfo	package	103.0.5060.114-1699.2.pm.3	x86_64	Packman
	chromium-plugin-widevinecdm	package	4.10.2557.0-1.5	x86_64	Packman
	chromium-plugin-widevinecdm	srcpackage	4.10.2557.0-1.5	noarch	Packman
	chromium-uget-integrator	package	1.0.0-2.13	x86_64	Main
Repository (OSS)	ungoogled-chromium	package	113.0.5672.126-1.1	x86_64	(System Packages)
v	ungoogled-chromium	package	113.0.5672.126-1.2	x86_64	Main
Repository (OSS)	ungoogled-chromium-chromedriver	package	113.0.5672.126-1.2	x86_64	Main
Repository (OSS)					

reinstall all packages

- <https://unix.stackexchange.com/questions/299548/how-to-reinstall-all-installed-packages-with-zypper>

```
zypper in --no-recommends --download-in-advance -f $(rpm -qa --qf '%{NAME}')
```

find out which Packages got installed via a specific repository

- <https://superuser.com/questions/65560/zypper-how-do-i-display-all-packages-from-a-certain-repository>

```
zypper ref
```

```
Retrieving repository 'Applications for education users (openSUSE_Tumbleweed)' metadata
.....[error]
Repository 'Applications for education users (openSUSE_Tumbleweed)' is invalid.
[Education]https://download.opensuse.org/repositories/Education/openSUSE_Tumbleweed/ Valid metadata not found at specified URL
```

```
History:
- Download (curl) error for
'https://download.opensuse.org/repositories/Education/openSUSE_Tumbleweed/repdata/fb10493ed91b8b6584fff
eb6fc845532a38bc819c12d813c31dcf502bb3a339739f871541bd60d5818598dc746fee4a32b6be2be6b09ebac092145ceb0de0
08b-filelists-ext.xml.gz':
  Error code: Curl error 47
  Error message: Maximum (6) redirects followed
- Can't provide
./repodata/fb10493ed91b8b6584fffefeb6fc845532a38bc819c12d813c31dcf502bb3a339739f871541bd60d5818598dc746fee
4a32b6be2be6b09ebac092145ceb0de008b-filelists-ext.xml.gz
```

Please check if the URIs defined for this repository are pointing to a valid repository.
Skipping repository 'Applications for education users (openSUSE_Tumbleweed)' because of the above error.
Repository 'Emulators (openSUSE_Tumbleweed)' is up to date.
Repository 'Google-Chrome' is up to date.
Repository 'VLC' is up to date.
Repository 'devel repository for Factory updates (openSUSE_Tumbleweed)' is up to date.
Repository 'AnyDesk OpenSUSE - stable' is up to date.
Repository 'Main Repository (NON-OSS)' is up to date.
Repository 'Main Repository (OSS)' is up to date.
Repository 'Main Update Repository' is up to date.
Repository 'gitlab.com_paulcarroty_vscodium_repo' is up to date.
Repository 'google-chrome' is up to date.
Repository 'Graphics Project (openSUSE_Tumbleweed)' is up to date.
Retrieving repository 'Hardware tools (openSUSE_Tumbleweed)' metadata

```
.....
.....[error]
Repository 'Hardware tools (openSUSE_Tumbleweed)' is invalid.
[hardware|https://download.opensuse.org/repositories/hardware/openSUSE_Tumbleweed/] Valid metadata not
found at specified URL
```

```
History:
- Download (curl) error for
'https://download.opensuse.org/repositories/hardware/openSUSE_Tumbleweed/repdata/8bbc62d6faf4f38b3bf776
a62fb7b10e3ac2d3106c941db5998ad01826b5c419bb88b333014d6c852c5aa0c176ac317aee8c2b56cc6806ca8c07b0dcbac56e
03-filelists-ext.xml.gz':
  Error code: Curl error 47
  Error message: Maximum (6) redirects followed
- Can't provide
./repodata/8bbc62d6faf4f38b3bf776a62fb7b10e3ac2d3106c941db5998ad01826b5c419bb88b333014d6c852c5aa0c176ac3
17aee8c2b56cc6806ca8c07b0dcbac56e03-filelists-ext.xml.gz
```

Please check if the URIs defined for this repository are pointing to a valid repository.
Skipping repository 'Hardware tools (openSUSE_Tumbleweed)' because of the above error.
Repository 'hardware:razer (openSUSE_Tumbleweed)' is up to date.
Repository 'Packman' is up to date.
Repository 'picoscope' is up to date.
Repository 'Open H.264 Codec (openSUSE_Tumbleweed)' is up to date.
Repository 'snappy' is up to date.
Repository 'TeamViewer - x86_64' is up to date.
Repository 'all the small tools for the shell (openSUSE_Factory)' is up to date.
Some of the repositories have not been refreshed because of an error.

```
zypper lr
```

```
Repository priorities in effect:
(See 'zypper lr -P' for details)
  90 (raised priority) : 1 repository
  99 (default priority) : 19 repositories

# | Alias | Name |
Enabled | GPG Check | Refresh |
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
1 | Education | Applications for education users (openSUSE_Tumbleweed) |
Yes | (r) Yes | No
```

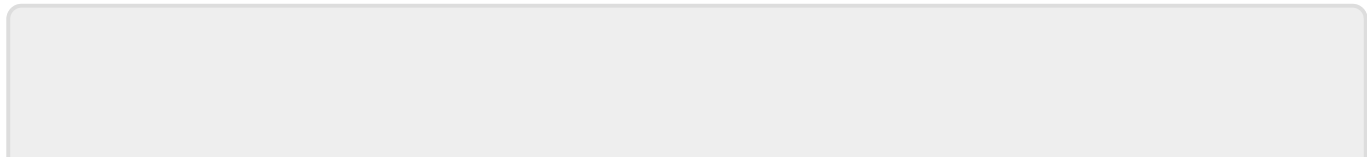
2	Emulators	Emulators (openSUSE_Tumbleweed)	
Yes	(r) Yes	No	
3	Google-Chrome	Google-Chrome	
Yes	(r) Yes	No	
4	VLC	VLC	
Yes	(r) Yes	Yes	
5	X11_common_Factory	devel repository for Factory updates (openSUSE_Tumbleweed)	
Yes	(r) Yes	No	
6	anydesk	AnyDesk OpenSUSE - stable	
Yes	(r) Yes	No	
7	download.opensuse.org-non-oss	Main Repository (NON-OSS)	
Yes	(r) Yes	Yes	
8	download.opensuse.org-oss	Main Repository (OSS)	
Yes	(r) Yes	Yes	
9	download.opensuse.org-tumbleweed	Main Update Repository	
Yes	(r) Yes	Yes	
10	gitlab.com_paulcarroty_vscodium_repo	gitlab.com_paulcarroty_vscodium_repo	
Yes	(r) Yes	No	
11	google-chrome	google-chrome	
Yes	(r) Yes	Yes	
12	graphics	Graphics Project (openSUSE_Tumbleweed)	
Yes	(r) Yes	No	
13	hardware	Hardware tools (openSUSE_Tumbleweed)	
Yes	(r) Yes	No	
14	hardware_razer	hardware:razer (openSUSE_Tumbleweed)	
Yes	(r) Yes	No	
15	openSUSE-20230209-0	openSUSE-20230209-0	
No	----	----	
16	packman	Packman	
Yes	(r) Yes	Yes	
17	picoscope	picoscope	
Yes	(r) Yes	No	
18	repo-debug	openSUSE-Tumbleweed-Debug	
No	----	----	
19	repo-openh264	Open H.264 Codec (openSUSE Tumbleweed)	
Yes	(r) Yes	Yes	
20	repo-source	openSUSE-Tumbleweed-Source	
No	----	----	
21	snappy	snappy	
Yes	(r) Yes	Yes	
22	teamviewer	TeamViewer - x86_64	
Yes	(r) Yes	No	
23	utilities	all the small tools for the shell (openSUSE_Factory)	
Yes	(r) Yes	No	

```
# zypper pa -ir <repo_name_or_number>
zypper pa -ir 1
```

```
Loading repository data...
Reading installed packages...
S | Repository | Name | Version
| Arch
-----+-----+-----+-----
i+ | Applications for education users (openSUSE_Tumbleweed) | javapackages-filesystem | 6.1.0-145.1
| x86_64
v | Applications for education users (openSUSE_Tumbleweed) | javapackages-filesystem | 6.1.0-145.1
| i586
i+ | Applications for education users (openSUSE_Tumbleweed) | javapackages-tools | 6.1.0-145.1
| x86_64
v | Applications for education users (openSUSE_Tumbleweed) | javapackages-tools | 6.1.0-145.1
| i586
i+ | Applications for education users (openSUSE_Tumbleweed) | libblas3 | 3.9.0-62.7
| x86_64
v | Applications for education users (openSUSE_Tumbleweed) | libblas3 | 3.9.0-62.7
| i586
i+ | Applications for education users (openSUSE_Tumbleweed) | libblas3-32bit | 3.9.0-62.7
| x86_64
```

i+	Applications for education users (openSUSE_Tumbleweed)	libbox2d2	2.4.1-16.69
	x86_64		
v	Applications for education users (openSUSE_Tumbleweed)	libbox2d2	2.4.1-16.69
	i586		
i+	Applications for education users (openSUSE_Tumbleweed)	libcbblas3	3.9.0-62.7
	x86_64		
v	Applications for education users (openSUSE_Tumbleweed)	libcbblas3	3.9.0-62.7
	i586		
i+	Applications for education users (openSUSE_Tumbleweed)	libcbblas3-32bit	3.9.0-62.7
	x86_64		
i+	Applications for education users (openSUSE_Tumbleweed)	libenca0	1.19-43.26
	x86_64		
v	Applications for education users (openSUSE_Tumbleweed)	libenca0	1.19-43.26
	i586		
i+	Applications for education users (openSUSE_Tumbleweed)	libfftw3-3	3.3.10-5.38
	x86_64		
v	Applications for education users (openSUSE_Tumbleweed)	libfftw3-3	3.3.10-5.38
	i586		
i+	Applications for education users (openSUSE_Tumbleweed)	libfftw3_threads3	3.3.10-5.38
	x86_64		
v	Applications for education users (openSUSE_Tumbleweed)	libfftw3_threads3	3.3.10-5.38
	i586		
i+	Applications for education users (openSUSE_Tumbleweed)	libgnustep-base1_29	1.29.0-45.20
	x86_64		
v	Applications for education users (openSUSE_Tumbleweed)	libgnustep-base1_29	1.29.0-45.20
	i586		
i+	Applications for education users (openSUSE_Tumbleweed)	libgtxglext-x11-1_0-0	
	1.2.0git20110529-20.12 x86_64		
v	Applications for education users (openSUSE_Tumbleweed)	libgtxglext-x11-1_0-0	
	1.2.0git20110529-20.12 i586		
i+	Applications for education users (openSUSE_Tumbleweed)	liblapack3	3.9.0-62.7
	x86_64		
v	Applications for education users (openSUSE_Tumbleweed)	liblapack3	3.9.0-62.7
	i586		
i+	Applications for education users (openSUSE_Tumbleweed)	liblapack3-32bit	3.9.0-62.7
	x86_64		
i+	Applications for education users (openSUSE_Tumbleweed)	libtbb12	2021.9.0-98.1
	x86_64		
v	Applications for education users (openSUSE_Tumbleweed)	libtbb12	2021.9.0-98.1
	i586		
i+	Applications for education users (openSUSE_Tumbleweed)	python310-numpy	1.25.1-140.1
	x86_64		
v	Applications for education users (openSUSE_Tumbleweed)	python310-numpy	1.25.1-140.1
	i586		
i+	Applications for education users (openSUSE_Tumbleweed)	python311-numpy	1.25.1-140.1
	x86_64		
v	Applications for education users (openSUSE_Tumbleweed)	python311-numpy	1.25.1-140.1
	i586		
i+	Applications for education users (openSUSE_Tumbleweed)	scratch	1.4.0-4.17
	x86_64		
v	Applications for education users (openSUSE_Tumbleweed)	scratch	1.4.0-4.17
	i586		
i+	Applications for education users (openSUSE_Tumbleweed)	squeak-vm	4.10.2-7.271
	x86_64		
v	Applications for education users (openSUSE_Tumbleweed)	squeak-vm	4.10.2-7.271
	i586		

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