

SW Components and Licensing

This is a snapshot of all the components and associated licenses used. It includes what is used to build EVE-OS and what is included in the EVE-OS images. The golang dependencies in `deps-eve-xyz.csv` are quite voluminous since they include the transitive closure of all of the packages and since different packages in that closure pull in different versions/hashes of other packages there are many instances where several versions/hashes of a package is included.

This snapshot is based on the EVE-OS release: **8.8.0**

Scan code report [scancode-report.html](#)[scancode-report.csv](#)

Snyk report [deps-eve-880.csv](#)

Final image / learn more about building process <https://github.com/lf-edge/eve/blob/master/docs/BUILD.md>

docker sbom lfedge/eve	docker scan lfedge/eve
<pre>Syft v0.43.0 Loaded image Parsed image Cataloged packages [31 packages] [0006] WARN golang cataloger: failed to read buildinfo (file="/ipxe.efi"): unrecognized file format NAME VERSION TYPE apk-tools 2.12.1-r0 apk busybox 1.32.1-r3 apk ca-certificates-bundle 20191127-r5 apk coreutils 8.32-r2 apk glib 2.66.7-r1 apk gmp 6.2.1-r0 apk gnutls 3.7.1-r0 apk libacl 2.2.53-r0 apk libaio 0.3.112-r1 apk libattr 2.4.48-r0 apk libblkid 2.36.1-r1 apk libcrypto1.1 1.1.1j-r0 apk libffi 3.3-r2 apk libintl 0.20.2-r2 apk libmount 2.36.1-r1 apk libssl1.1 1.1.1j-r0 apk libtasn1 4.16.0-r1 apk libtls-standalone 2.9.1-r1 apk libunistring 0.9.10-r0 apk musl 1.2.2-r0 apk nettle 3.7-r0 apk p11-kit 0.23.22-r0 apk pcre 8.44-r0 apk qemu-img 5.2.0-r2 apk s6-ipserver 2.10.0.0-r0 apk skalibs 2.10.0.0-r0 apk ssl_client 1.32.1-r3 apk tar 1.33-r1 apk uboot-tools 2021.01-r0 apk utmps 0.1.0.0-r0 apk zlib 1.2.11-r3 apk</pre>	<pre>Testing lfedge/eve... Package manager: apk Project name: docker-image lfedge/eve Docker image: lfedge/eve Platform: linux/arm64 Tested 32 dependencies for known vulnerabilities, no vulnerable paths found. Note that we do not currently have vulnerability data for your image. For more free scans that keep your images secure, sign up to Snyk at https://dockr.ly/3ePqVcp</pre>

Building process

Build Tools

The following are build tools used to create EVE images, their purpose and source:

- [linuxkit](#) - build bootable operating system images by composing OCI images and raw files together. Used to create `rootfs.img` and `rootfs_in_staller.img`. Installed in `build-tools/bin/`
- [manifest-tool](#) - create OCI v2 manifest images that can reference other images based on architecture or operating system. Enables a single image tag, e.g. `lfedge/foo:1.2` to be resolved automatically to the actual image that works on the current architecture and operating system at run-time. Installed in `build-tools/bin/`

- [makeroootfs.sh](#) - call `linuxkit` to build a bootable image's filesystem, in tar format, for `rootfs.img` or `rootfs_installer.img`. Passes the resultant tar stream to a container from `pkg/mkrootfs-squash` or `pkg/mkrootfs-ext4`, depending on desired output format.
- [mkrootfs-squash](#) or [mkrootfs-ext4](#) - take a build rootfs from the previous step as stdin in tar stream format, customize it with a filesystem UUID and other parameters, and create a squashfs or ext4 filesystem.
- [makeflash.sh](#) - take an input tar stream of several images, primarily `rootfs.img` and `config.img`. Create a file to use as an image of a target size or default. Passes the resultant tar stream to a container from `pkg/mkimage-raw-efi`.
- [mkimage-raw-efi](#) - create an output file that represents an entire disk, with multiple partitions. By default, `efi,imga,imgb,config,persist`. The installer image creates only `efi,img,config`.
- [tools/makeconfig.sh](#) - package up the provided directory, normally `conf/` into a tar stream, and pass to a container from `pkg/mkconf`.
- [mkconf](#) - combine the input tar stream with defaults in `/conf/` from `lfedge/eve-pillar` into a new container image in `.`. Create a FAT32 disk image from it.
- [parse-pkgs.sh](#) - determine the correct latest hash to use for all packages and higher-order components. See [parse-pks](#).

Components

Name	Version	Component	Link	License
QEMU	5.1.0	https://github.com/lf-edge/eve/pkg/kvm-tools/Dockerfile 5.1	https://www.qemu.org	GPL-2.0 1. QEMU as a whole is released under the GNU General Public License, version 2 . 2. Parts of QEMU have specific licenses which are compatible with the GNU General Public License, version 2. Hence each source file contains its own licensing information. Source files with no licensing information are released under the GNU General Public License, version 2 or (at your option) any later version. As of July 2013, contributions under version 2 of the GNU General Public License (and no later version) are only accepted for the following files or directories: <code>bsd-user/</code> , <code>linux-user/</code> , <code>hw/misc/vfio.c</code> , <code>hw/xen/xen_pt*</code> . 3. The Tiny Code Generator (TCG) is released under the BSD license (see license headers in files). 4. QEMU is a trademark of Fabrice Bellard .
Linux Kernel	5.10.121	https://github.com/lf-edge/eve/pkg/kernel/Dockerfile	https://www.kernel.org	GNU General Public License version 2 only (GPL-2.0)
XEN	4.15	https://github.com/lf-edge/eve/pkg/xen/Dockerfile	https://xenproject.org	GNU General Public License version 2 only (GPL-2.0)
abuild	3.7.0-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://git.alpinelinux.org/abuild/	GPL-2.0-only (GNU General Public License v2.0 only)
alpine-baselayout	3.2.0-r8	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://git.alpinelinux.org/cgi/aports/tree/main/alpine-baselayout	GPL-2.0-only (GNU General Public License v2.0 only)
alpine-keys	2.4-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://pkgs.alpinelinux.org/package/v3.13/main/x86_64/alpine-keys	MIT
apk-tools	2.12.7-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://gitlab.alpinelinux.org/alpine/apk-tools	GPL-2.0-only (GNU General Public License v2.0 only)
argp-standalone	1.3-r4	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	http://www.lysator.liu.se/~nisse/misc/	GPL-2.0-or-later (GNU General Public License v2.0 or later)
attr-dev	2.4.48-r0	https://github.com/lf-edge/eve/blob	https://savannah.nongnu.org/projects/attr	LGPL-2.1 (GNU Lesser General Public License v2.1 only)

		/master/pkg /alpine/mirrors /3.13/main		
aut oc onf	2. 69 - r3	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnu.org/software/autoconf/	GPL-2.0-or-later (GNU General Public License v2.0 or later)
aut oc onf - arc hive	20 19 . 01 . 06 - r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnu.org/software/autoconf-archive/	GPL-3.0-or-later (GNU General Public License v3.0 or later)
aut om ake	1. 16 . 3- r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnu.org/software/automake/	GPL-2.0-or-later (GNU General Public License v2.0 or later)
ba sh	5. 1. 16 - r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnu.org/software/bash/bash.html	GPL-3.0-or-later (GNU General Public License v3.0 or later)
bc	1. 07 . 1- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnu.org/software/bc/bc.html	GPL-2.0-or-later (GNU General Public License v2.0 or later)
bin util s- dev	2. 35 . 2- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnu.org/software/binutils/	GPL-3.0-or-later (GNU General Public License v3.0 or later)
bin util s- gold	2. 35 . 2- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnu.org/software/binutils/	GPL-3.0-or-later (GNU General Public License v3.0 or later)
bis on	3. 7. 4- r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnu.org/software/bison/bison.html	GPL-3.0-or-later (GNU General Public License v3.0 or later)
bs d- co mp at- he ad ers	0. 7. 2- r3	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://alpinelinux.org	BSD-3-Clause (BSD-3-Clause "New" or "Revised" License)
bui ld- ba se	0. 5- r3	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://dev.alpinelinux.org/cgit/	MIT
bu sy box	1. 32 . 1- r9	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://busybox.net	GPL-2.0-only (GNU General Public License v2.0 only)
ca- cer tifi cat es	20 22 06	https://github.com/lf-edge/eve/blob	https://wiki.mozilla.org/CA	MPL-2.0 (Mozilla Public License, v2.0)

	14 - r0	/master/pkg/alpine/mirrors/3.13/main		
ca-cer-tifi-cat-es-ca-cert	20220614 - r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://wiki.mozilla.org/CA	MPL-2.0 (Mozilla Public License, v2.0)
cai-ro	1.16.0 - r4	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://cairographics.org	LGPL-2.1 (GNU Lesser General Public License v2.1 only)
cai-ro-dev	1.16.0 - r4	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://cairographics.org	LGPL-2.1 (GNU Lesser General Public License v2.1 only)
cmake	3.18.4 - r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://cmake.org	BSD-3-Clause-Clear (BSD-3-Clause Clear License)
coreutils	8.32 - r2	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnu.org/software/coreutils/	GPL-3.0-or-later (GNU General Public License v3.0 or later)
cryptsetup-dev	2.3.7 - r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://gitlab.com/cryptsetup/cryptsetup	GPL-2.0-or-later (GNU General Public License v2.0 or later)
curl	7.79.1 - r2	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://curl.se	MIT
curl-dev	7.79.1 - r3	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://curl.se	MIT
dev86	0.16.21 - r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://github.com/lkundrak/dev86/	GPL-2.0-or-later (GNU General Public License v2.0 or later)
dhcpcd	8.1.9 - r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://roy.marples.name/projects/dhcpcd/	BSD-2-Clause (BSD-2-Clause "Simplified" License)
diffutils	3.7 - r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnu.org/software/diffutils/	GPL-3.0-or-later (GNU General Public License v3.0 or later)
dmidecode	3.3 - r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.nongnu.org/dmidecode/	GPL-2.0-or-later (GNU General Public License v2.0 or later)
				GPL-3.0-or-later (GNU General Public License v3.0 or later)

dosfstools	4.1-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://github.com/dosfstools/dosfstools	
doxygen	1.9.1-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.doxygen.nl	GPL-2.0-or-later (GNU General Public License v2.0 or later)
dtc	1.6.0-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://git.kernel.org/pub/scm/utis/dtc/dtc.git/	GPL-2.0-or-later (GNU General Public License v2.0 or later)
dtc-dev	1.6.0-r2	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://git.kernel.org/pub/scm/utis/dtc/dtc.git/	GPL-2.0-or-later (GNU General Public License v2.0 or later)
e2fsprogs	1.45.7-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	http://e2fsprogs.sourceforge.net	GPL-2.0-or-later (GNU General Public License v2.0 or later)
e2fsprogs-extra	1.45.7-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	http://e2fsprogs.sourceforge.net	GPL-2.0-or-later (GNU General Public License v2.0 or later)
elfutils-dev	0.182-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://sourceware.org/elfutils/	GPL-3.0-or-later (GNU General Public License v3.0 or later)
elfutils-libelf	0.182-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://sourceware.org/elfutils/	GPL-3.0-or-later (GNU General Public License v3.0 or later)
ethtool	5.10-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://mirrors.edge.kernel.org/pub/software/network/ethtool/	GPL-2.0-only (GNU General Public License v2.0 only)
file	5.39-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.darwinsys.com/file/	BSD-2-Clause (BSD-2-Clause "Simplified" License)
findutils	4.8.0-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnu.org/software/findutils/	GPL-3.0-or-later (GNU General Public License v3.0 or later)
flex	2.6.4-r2	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://github.com/westes/flex	BSD-2-Clause (BSD-2-Clause "Simplified" License)
g++	10.2.1-pr1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://gcc.gnu.org	GPL-2.0-or-later (GNU General Public License v2.0 or later)

	- r3			
ga wk	5. 1. 0- r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnu.org/software/gawk/gawk.html	GPL-3.0-or-later (GNU General Public License v3.0 or later)
gcc	10 . 2. 1_ pr e1 - r3	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://gcc.gnu.org	GPL-2.0-or-later (GNU General Public License v2.0 or later)
get text	0. 20 .2- r2	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnu.org/software/gettext/gettext.html	GPL-3.0-or-later (GNU General Public License v3.0 or later)
git	2. 30 .5- r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.git-scm.com	GPL-2.0-or-later (GNU General Public License v2.0 or later)
gli b- dev	2. 66 .8- r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://docs.gtk.org/glib/	LGPL-2.1 (GNU Lesser General Public License v2.1 only)
gm p- dev	6. 2. 1- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://gmplib.org	LGPL-3.0-or-later (GNU Lesser General Public License v3.0 or later)
gn u- efi- dev	3. 0. 12 - r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	ftp://ftp.hpl.hp.com/pub/linux-ia64	BSD-3-Clause (BSD-3-Clause "New" or "Revised" License)
gn upg	2. 2. 31 - r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnupg.org	GPL-3.0-or-later (GNU General Public License v3.0 or later)
gn utls	3. 7. 1- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnutls.org	LGPL-2.1 (GNU Lesser General Public License v2.1 only)
gr ep	3. 7- r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnu.org/software/grep/grep.html	GPL-3.0-or-later (GNU General Public License v3.0 or later)
hd pa rm	9. 60 - r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://sourceforge.net/projects/hdparm/	BSD-2-Clause (BSD-2-Clause "Simplified" License)
iasl	20 20 07 17 - r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.acpica.org	GPL-2.0-only (GNU General Public License v2.0 only)
				GPL-2.0 (GNU General Public License v2.0)

ins tall kernel	3.5-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://git.alpinelinux.org/aports/tree/main/installkernel	
ip6 tables	1.8.6-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.netfilter.org/projects/iptables/index.html	GPL-2.0-or-later (GNU General Public License v2.0 or later)
ip6 tables - openrc	1.8.6-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.netfilter.org/projects/iptables/index.html	GPL-2.0 (GNU General Public License v2.0)
iptables-es-openrc	1.8.6-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.netfilter.org/projects/iptables/index.html	GPL-2.0-or-later (GNU General Public License v2.0 or later)
iproute2	5.10.0-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://wiki.linuxfoundation.org/networking/iproute2	GPL-2.0-or-later (GNU General Public License v2.0 or later)
iproute2 - minimal	5.10.0-r2	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://wiki.linuxfoundation.org/networking/iproute2	GPL-2.0-or-later (GNU General Public License v2.0 or later)
ipset	7.10-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://ipset.netfilter.org	GPL-2.0-only (GNU General Public License v2.0 only)
ipset-openrc	7.10-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://ipset.netfilter.org	GPL-2.0-only (GNU General Public License v2.0 only)
iptables	1.8.6-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.netfilter.org/projects/iptables/index.html	GPL-2.0-or-later (GNU General Public License v2.0 or later)
jpeg	9d-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.ijg.org	AS-IS
jpeg-dev	9d-r2	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.ijg.org	AS-IS
jq	1.6-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://stedolan.github.io/jq/	MIT
keyutils	1.6.3-r0	https://github.com/lf-edge/eve/blob/master/pkg	https://people.redhat.com/~dhowells/keyutils/	GPL-2.0-or-later (GNU General Public License v2.0 or later)

		/alpine/mirrors/3.13/main		
km od	28 - r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://git.kernel.org/pub/scm/utills/kernel/kmod/kmod.git	GPL-2.0-or-later (GNU General Public License v2.0 or later)
km od - dev	28 - r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://git.kernel.org/pub/scm/utills/kernel/kmod/kmod.git	GPL-2.0-or-later (GNU General Public License v2.0 or later)
lib aio - dev	0. 3. 11 2- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://pagure.io/libaio	GPL-2.0-or-later (GNU General Public License v2.0 or later)
lib arc hiv e- too ls	3. 5. 3- r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://libarchi.eve.org	BSD-2-Clause (BSD-2-Clause "Simplified" License)
libt as n1 - pr ogs	4. 16 .0- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://gnutls.org	GPL-3.0-only (GNU General Public License v3.0 only)
lib bz2	1. 0. 8- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	http://sources.redhat.com/bzip2	bzip2-1.0.6 (bzip2 and libbzip2 License v1.0.6)
lib c- dev	0. 7. 2- r3	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://alpineli.nux.org	BSD-2-Clause (BSD-2-Clause "Simplified" License)
lib c- utils	0. 7. 2- r4	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://alpineli.nux.org	BSD-2-Clause (BSD-2-Clause "Simplified" License)
lib ca p- ng - dev	0. 8. 2- r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://people.redhat.com/sgrubb/libcap-ng/index.html	GPL-2.0-or-later (GNU General Public License v2.0 or later)
lib cry pto 1.1	1. 1. 1q - r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.openssl.org	OpenSSL
lib est r- dev	0. 1. 11 - r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://libestr.adiscon.com	LGPL-2.1 (GNU Lesser General Public License v2.1 only)
libf ast jso n- dev	0. 99 .8- r2	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.rsyslog.com	MIT
libf dt		https://github.com/lf-edge/eve/blob		GPL-2.0-or-later (GNU General Public License v2.0 or later)

	1.6-0-r1	/master/pkg/alpine/mirrors/3.13/main	https://git.kernel.org/pub/scm/utls/dtc/dtc.git/	
libgcr-ypt-dev	1.8-8-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnupg.org	LGPL-2.1 (GNU Lesser General Public License v2.1 only)
libice-dev	1.0-10-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.x.org/wiki/	X11 (X11 License)
libloggin-dev	1.0-6-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	http://www.liblogging.org	BSD-2-Clause (BSD-2-Clause "Simplified" License)
libpcap-dev	1.10.0-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.tcpdump.org	BSD-3-Clause (BSD-3-Clause "New" or "Revised" License)
libpciaccess	0.16-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.x.org/wiki/	X11 (X11 License)
libpciaccess-dev	0.16-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.x.org/wiki/	X11 (X11 License)
libpng	1.6.37-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	http://www.libpng.org	Libpng (libpng License)
libpng-dev	1.6.37-r2	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	http://www.libpng.org	Libpng (libpng License)
librlog-dev	1.6-0-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.rsyslog.com	GPL-3.0-or-later (GNU General Public License v3.0 or later)
libressl-dev	3.1.5-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.libressl.org	OpenSSL
libseccomp-dev	2.5.1-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://github.com/seccomp/libseccomp	LGPL-2.1 (GNU Lesser General Public License v2.1 only)
libssl1.1	1.1.1q-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.openssl.org	OpenSSL
				BSD-3-Clause (BSD-3-Clause "New" or "Revised" License)

libt irp c- dev	1. 3. 1- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://sourceforge.net/projects/libtirpc	
libt ls- sta nd alo ne	2. 9. 1- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.libressl.org/	ISC (ISC License)
libt ool	2. 4. 6- r7	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnu.org/software/libtool	LGPL-2.0 (GNU Library General Public License v2 only)
lib un wi nd - dev	1. 5. 0- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.nongnu.org/libunwind/	MIT
lib usb	1. 0. 24 - r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://libusb.info/	LGPL-2.0-or-later (GNU Library General Public License v2 or later)
lib us b- dev	1. 0. 24 - r2	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://libusb.info/	LGPL-2.0-or-later (GNU Library General Public License v2 or later)
lib uuid	2. 37 4- r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://git.kernel.org/cgit/utls/util-linux/util-linux.git	GPL-3.0-or-later (GNU General Public License v3.0 or later)
lib xd am ag e- dev	1. 1. 5- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	http://xorg.freedesktop.org/	MIT
lib xfi xe s- dev	5. 0. 3- r2	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	http://xorg.freedesktop.org/	other
lib xi- dev	1. 7. 10 - r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.x.org/	MIT
lib xin er am a- dev	1. 1. 4- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	http://xorg.freedesktop.org/	MIT
lib xra nd r- dev	1. 5. 2- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	http://xorg.freedesktop.org/	MIT
lib xts t- dev	1. 2. 3- r3	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://wiki.freedesktop.org/xorg/	custom

lin ux- he ad ers	5. 7. 8- r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	http://kernel.org/	GPL-2.0-only (GNU General Public License v2.0 only)
lin ux- pa m- dev	1. 5. 1- r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.kernel.org/pub/linux/libs/pam	BSD-3-Clause (BSD-3-Clause "New" or "Revised" License)
lv m2	2. 02 . 18 7- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://sourceware.org/lvm2/	GPL-2.0-only (GNU General Public License v2.0 only)
lz4	1. 9. 2- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://github.com/lz4/lz4	BSD-2-Clause (BSD-2-Clause "Simplified" License)
lz4 - libs	1. 9. 2- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://github.com/lz4/lz4	BSD-2-Clause (BSD-2-Clause "Simplified" License)
lzo - dev	2. 10 - r2	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	http://www.oberhumer.com/opensource/lzo	GPL-2.0 (GNU General Public License v2.0)
m4	1. 4. 18 - r2	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnu.org/software/m4	GPL-3.0-or-later (GNU General Public License v3.0 or later)
ma ke	4. 3- r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnu.org/software/make	GPL-3.0-or-later (GNU General Public License v3.0 or later)
mk init fs	3. 5. 0- r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://gitlab.alpinelinux.org/alpine/mkinitfs	GPL-2.0-only (GNU General Public License v2.0 only)
mp c1- dev	1. 2. 0- r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	http://www.multiprecision.org/	LGPL-3.0-or-later (GNU Lesser General Public License v3.0 or later)
mp fr- dev	4. 1. 0- r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.mpfr.org/	LGPL-3.0-or-later (GNU Lesser General Public License v3.0 or later)
mt ools	4. 0. 26 - r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnu.org/software/mtools/	GPL-3.0-or-later (GNU General Public License v3.0 or later)
mu ltip ath	0. 8. 5- r0	https://github.com/lf-edge/eve/blob	http://christophe.varoqui.free.fr/	LGPL-2.1 (GNU Lesser General Public License v2.1 only)

- tools		/master/pkg /alpine/mirrors /3.13/main		
musl	1. 2. 2- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://musl.libc.org/	MIT
musl-dev	1. 2. 2- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://musl.libc.org/	MIT
musl-utils	1. 2. 2- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://musl.libc.org/	MIT
nas	2. 15 . 05 - r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.nasm.us/	BSD-2-Clause (BSD-2-Clause "Simplified" License)
ncurses-dev	6. 2_ p2 02 10 10 9- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://invisible-island.net/ncurses/	MIT
nettle	3. 7. 3- r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.lysator.liu.se/~nisse/nettle/	LGPL-2.1 (GNU Lesser General Public License v2.1 only)
openssh	8. 4_ p1 - r4	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.openssh.com/portable.html	BSD-3-Clause (BSD-3-Clause "New" or "Revised" License)
openssl	1. 1. 1q - r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.openssl.org/	OpenSSL
openssl-dev	1. 1. 1q - r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.openssl.org/	OpenSSL
p11-kit	0. 23 . 22 - r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://p11-glue.freedesktop.org/	BSD-3-Clause (BSD-3-Clause "New" or "Revised" License)
patch	2. 7. 6- r7	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnu.org/software/patch/patch.html	GPL-3.0-or-later (GNU General Public License v3.0 or later)
pciutils	3. 7. 0- r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	http://mj.ucw.cz/pciutils.html	GPL-2.0-only (GNU General Public License v2.0 only)

perl	5.32.0-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.perl.org/	GPL-1.0 (GNU General Public License v1.0)
pixman-dev	0.40.0-r2	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://gitlab.freedesktop.org/pixman	MIT
pkgconf	1.7.3-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://git.sr.ht/~kaniini/pkgconf	ISC (ISC License)
ppp	2.4.8-r2	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://ppp.samba.org/	GPL-2.0-or-later (GNU General Public License v2.0 or later)
protobuf-dev	3.13.0-r2	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://github.com/google/protobuf	BSD-3-Clause (BSD-3-Clause "New" or "Revised" License)
py3-apdirs	1.4.4-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://pypi.org/project/apdirs/	MIT
py3-distlib	0.3.1-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://bitbucket.org/pypa/distlib	PSF-2.0
py3-packaging	20.9-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://pypi.python.org/pypi/packaging	Apache-2.0 (Apache License, v2.0)
py3-parsing	2.4.7-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://github.com/pyparsing/pyparsing	MIT
py3-requests	2.25.1-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	http://www.python-requests.org/	Apache-2.0 (Apache License, v2.0)
py3-setuptools	51.3.3-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://pypi.python.org/pypi/setuptools	MIT
py3-six	1.15.0-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://pypi.python.org/pypi/six	MIT
py3-toml	0.10.2-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://github.com/uiri/toml	MIT

python3	3.8.10-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.python.org/	PSF-2.0
python3-dev	3.8.10-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.python.org/	PSF-2.0
radvd	2.19-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	http://www.litech.org/radvd	BSD-3-Clause (BSD-3-Clause "New" or "Revised" License)
rsync	3.2.4-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://rsync.samba.org/	GPL-3.0-or-later (GNU General Public License v3.0 or later)
scanelf	1.2.8-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://wiki.gentoo.org/wiki/Hardened/PaX_Uutilities	GPL-2.0-only (GNU General Public License v2.0 only)
sed	4.8-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnu.org/software/sed	GPL-3.0-or-later (GNU General Public License v3.0 or later)
sgdisk	1.0.7-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.rodsbooks.com/gdisk	GPL-2.0-or-later (GNU General Public License v2.0 or later)
smartmontools	7.2-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.smartmontools.org/	GPL-2.0-or-later (GNU General Public License v2.0 or later)
socat	1.7.4-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	http://www.dest-unreach.org/socat/	GPL-2.0-only (GNU General Public License v2.0 only)
squashfs-tools	4.5-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://github.com/plougher/squashfs-tools	GPL-2.0-or-later (GNU General Public License v2.0 or later)
ssl_client	1.32.1-r9	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://busybox.net/	GPL-2.0-only (GNU General Public License v2.0 only)
strace	5.10-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://strace.io/	BSD-3-Clause (BSD-3-Clause "New" or "Revised" License)
sudo	1.9.5p2-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.sudo.ws/sudo/	other

		/master/pkg/alpine/mirrors/3.13/main		
swig	4.0.2-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	http://www.swig.org/	GPL-3.0-only (GNU General Public License v3.0 only)
tar	1.34-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnu.org/software/tar/	GPL-3.0-or-later (GNU General Public License v3.0 or later)
tcpdump	4.99.0-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.tcpdump.org/	BSD-3-Clause (BSD-3-Clause "New" or "Revised" License)
texinfo	6.7-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnu.org/software/texinfo/	GPL-3.0-or-later (GNU General Public License v3.0 or later)
uboot-tools	2021.01-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.denx.de/wiki/U-Boot/WebHome	GPL-2.0 (GNU General Public License v2.0)
usbutils	013-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	http://linux-usb.sourceforge.net/	GPL-2.0-or-later (GNU General Public License v2.0 or later)
util-linux	2.37.4-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://git.kernel.org/cgit/utis/util-linux/util-linux.git	GPL-3.0-or-later (GNU General Public License v3.0 or later)
util-linux-dev	2.37.4-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://git.kernel.org/cgit/utis/util-linux/util-linux.git	GPL-3.0-or-later (GNU General Public License v3.0 or later)
vim	8.2.4836-r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.vim.org/	Vim
wget	1.21.1-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://www.gnu.org/software/wget/wget.html	GPL-3.0-or-later (GNU General Public License v3.0 or later)
wireless-tools	30_pre9-r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	http://www.hpl.hp.com/personal/Jean_Tourrilhes/Linux/Tools.html	GPL-2.0-only (GNU General Public License v2.0 only)
wpa_supplicant	2.9-r11	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://w1.fi/wpa_supplicant/	BSD-3-Clause (BSD-3-Clause "New" or "Revised" License)
	5.10	https://github.com/lf-edge		LGPL-2.1 (GNU Lesser General Public License v2.1 only)

xfs pr ogs	.0- r0	/eve/blob /master/pkg /alpine/mirrors /3.13/main	https://xfs.org /index.php /Main_Page	
xor riso	1. 5. 2- r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://dev.lovelylhq.com/libburnia/web/wikis/home	GPL-2.0-or-later (GNU General Public License v2.0 or later)
xz	5. 2. 5- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://tukaani.org/xz	GPL-2.0-or-later (GNU General Public License v2.0 or later)
xz- dev	5. 2. 5- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://tukaani.org/xz	GPL-2.0-or-later (GNU General Public License v2.0 or later)
xz- libs	5. 2. 5- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://tukaani.org/xz	GPL-2.0-or-later (GNU General Public License v2.0 or later)
yajl	2. 1. 0- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	http://lloyd.github.com/yajl/	MIT
yajl- dev	2. 1. 0- r1	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	http://lloyd.github.com/yajl/	MIT
zfs	2. 0. 1- r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://zfsonlineux.org	CDDL-1.0 (Common Development and Distribution License 1.0)
zfs - dev	2. 0. 1- r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://zfsonlineux.org	CDDL-1.0 (Common Development and Distribution License 1.0)
zfs - ud ev	2. 0. 1- r0	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://zfsonlineux.org	CDDL-1.0 (Common Development and Distribution License 1.0)
zlib	1. 2. 12 - r2	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://zlib.net	Zlib (License of ZLib)
zlib- dev	1. 2. 12 - r2	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://zlib.net	Zlib (License of ZLib)
zlib- sta- tic	1. 2. 12 - r2	https://github.com/lf-edge/eve/blob/master/pkg/alpine/mirrors/3.13/main	https://zlib.net	Zlib (License of ZLib)

