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(Getopt::Long 2.51, IO 1.42, libextutils-parsexs-perl 3.350000, libio-pty-perl 1.15, libtime-duration-perl 1.21, Perl 5.32.1)

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(Pipe Viewer 1.6.6)

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(libicu67 67.1)

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(jemalloc 5.2.1)

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(protobuf-c 1.3.3)

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(tcpstat 1.5)

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(racc 1.5.2)

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(lua-nginx-module v0.10.20)

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(pkg/errors v0.9.1)

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(libhyperscan4.2 5.4.0)

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(libfido2-1 1.6.0)

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(libonig-dev 6.9.6)

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0>

Source: <https://github.com/kkos/oniguruma>

Files: \*

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(ruby-csv 3.1.2)

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(libev 4.33)

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(rexml 3.2.5, webrick 1.7.0)

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(ruby-rexml 3.2.4)

Upstream-Contact: <https://github.com/ruby/rexml/issues>

Source: <https://github.com/ruby/rexml>

Files: \*

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(debconf 1.5.77)

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(liborc-0.4-0 0.4.32)

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(libruby2.7 2.7.4, ruby-openssl 2.1.1, ruby2.7 2.7.4)

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(power\_assert 1.1.7)

Source: [https://github.com/k-tsj/power\\_assert](https://github.com/k-tsj/power_assert)

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(ruby-ruby2-keywords 0.0.2)

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(libogg 1.3.4)

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(tcsch 6.21.00)

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(Network Time Protocol project (NTP) 4.2.8p15)

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(libvorbis 1.3.7)

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(double-conversion 3.1.5, libdouble-conversion3 3.1.5)

Upstream-Contact: Florian Loitsch

Source: <http://double-conversion.googlecode.com>

Files: \*

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(libhyperscan4.2 5.4.0)

Source: <https://github.com/intel/hyperscan>

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(websocket-client v0.57.0)

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(julienschmidt/httprouter v1.3.0)

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(antlr 4.9)

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(libtirpc 1.2.6, RPCBind 1.2.5)

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(inih 53)

Source: <https://github.com/benhoyt/inih>

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(@netapp/luci 3.1.2)

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(libisal 2.30.0)

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(rapidjson 1.0.2)

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(libevent-2.1-7 2.1.12-stable, libevent-core-2.1-7 2.1.12-stable, libevent-threads-2.1-7 2.1.12-stable)

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(ODP-DPDK 0.14.4)

Upstream-Contact: [coresight@lists.linaro.org](mailto:coresight@lists.linaro.org)

Source: <https://github.com/Linaro/OpenCSD>

Files: \*

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Files: debian/\*

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(golang-gogoprotobuf-dev 1.3.2)

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(ASM 5.0.4)

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(google/uuid v1.2.0)

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(pcscd 1.9.1)

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(pmdk 1.10)

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(sg3\_utils 1.45, sg3\_utils 1.46)

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(libpcap 1.10.0, tcpdump 4.99.0)

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(pyca/cryptography 3.3.2)

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(libjpeg-turbo 2.0.6)

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(colorama 0.4.4)

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(libdns-export1110 9.11.19, libisc-export1105 9.11.19)

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(jitterentropy-rngd 1.2.1)

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(iputils 20210202)

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(ssl-cert 1.1.0+nmu1)

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(libnl-genl-3-200 3.4.0, libnl-route-3-200 3.4.0)

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(Golang Protobuf v1.3.2)

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(zstd 1.4.8)

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(python-itsdangerous 1.1.0)

Upstream-Contact: Armin Ronacher

Source: <https://github.com/mitsuhiko/itsdangerous>

Files: \*

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(libp11-kit0 0.23.22, p11-kit 0.23.22)

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(antlr4-cpp-runtime 4.9)

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(psutil 5.8.0)

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(libevent 2.1.12-stable, Ildpd 1.0.11)

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(golang/text v0.3.7, golang/tools gopls/v0.3.3-pre1)

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(stringtemplate4 4.0.8)

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(tcl8.6 8.6.11)

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DATASTAX DOCUMENTATION  
DATASTAX ENTERPRISE 5.1.38 THIRD-PARTY SOFTWARE

<https://docs.datastax.com/en/home/docs/3rdpartysoftware/dse5138.html>

DataStax Enterprise 5.1.38 third-party software

Table 1. DataStax Enterprise 5.1.38 third-party software

Component	Version	License
[1]		
Airline - IO Library	2.2.0	Apache-2.0
Airline - Library	2.2.0	Apache-2.0
An open source Java toolkit for Amazon S3	0.9.4	Apache-2.0
Animal Sniffer Annotations	1.18	MIT
Annotation Processing Commons	0.0.2	Apache-2.0
Ant	1.6.5	Apache-2.0
ANTLR 3 Tool	3.5.2	BSD-2-Clause
Antlr 3.4 Runtime	3.5, 3.5.2	BSD-2-Clause
ANTLR 4 Runtime	4.7.2	BSD-3-Clause
AntLR Parser Generator	2.7.7	ANTLR-PD
ANTLR ST4	4.0.4 4.0.7, 4.0.8	BSD-2-Clause
ANTLR StringTemplate	3.2.1	BSD-2-Clause
AOP alliance	1	Public-Domain
Apache Ant + JUnit	1.10.9	Apache-2.0
Apache Ant Core	1.10.9	Apache-2.0
Apache Ant Launcher	1.10.9	Apache-2.0
Apache Avro	1.7.7	Apache-2.0
Apache Avro IPC	1.7.7	Apache-2.0
Apache Commons BeanUtils	1.9.3, 1.9.4	Apache-2.0
Apache Commons CLI	1.3.1	Apache-2.0
Apache Commons Codec	1.15	Apache-2.0
Apache Commons Collections	4.1	Apache-2.0
Apache Commons Compress	1.21	Apache-2.0
Apache Commons Configuration	1.1	Apache-2.0
Apache Commons IO	2.5	Apache-2.0
Apache Commons Lang	3.3.2	Apache-2.0
Apache Directory API ASN.1 API	1.0.0-M33, 1.0.3	Apache-2.0
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Apache Directory LDAP API Codec Core	1.0.3	Apache-2.0
Apache Directory LDAP API Codec Standalone	1.0.3	Apache-2.0
Apache Directory LDAP API Extras ACI	1.0.3	Apache-2.0
Apache Directory LDAP API Extras Codec	1.0.3	Apache-2.0
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Apache MINA Core	2.0.21	Apache-2.0
Apache ServiceMix :: Bundles :: ANTRL	2.7.7_5	Apache-2.0
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Apache TinkerPop :: Gremlin Core	3.2.2	Apache-2.0
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(base-passwd 3.5.51, bcache-tools 1.0.8, cpupower 5.14, cpupower 6.5.9, DPDK, e-series FPGA kernel module driver 2.0.0, e2fsprogs 1.46.2, ebttables 2.0.11, galera-4 26.4.11, GPT fdisk 1.0.6, gptfdisk 1.0.6, gptfdisk-fixparts 1.0.6, High-Performance iSCSI Initiator 2.1.3, htop 3.0.5, i2c-lcdd Unspecified, i40e Ethernet Driver 2.20.12, iproute2 5.10.0, IPTables 1.8.7, irqbalance 1.7.0, keepalived 2.1.5, keepalived v2.2.7, kexec-tools 2.0.20, libibverbs1 33.2, libmariadb3 10.5.21, libnetfilter-contrack-dev 1.0.8, linux-misc 2.0+5.10.197, lsb 11.1.0, lsb-release 11.1.0, MariaDB 10.5.21, mariadb-client-core-10.5 10.5.21, mdadm 4.1, nftables 0.9.8, nvme-cli v1.12, OpenFabrics Enterprise Distribution - OFED 33.2, pciutils/pciutils, rdma-core 42.0, Shadow Tool Suite 4.8.1, sysstat v12.5.2, ucf 3.0043, wireguard-tools 1.0.20200729)

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(libbpf 0.3, Linux Kernel 5.10.197)

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Version 3, 29 June 2007

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(libatomic1 10.2.1, libstdc++6 10.2.1)

GCC RUNTIME LIBRARY EXCEPTION

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(mariadb-tools 10.5.17)

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(glibc-static 2.28)

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Version 3, 29 June 2007

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(krb5/krb5 1.18.3)

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(PyYAML 5.3.1)

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(mini\_portile2 2.5.3)

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(netifaces 0.10.9)

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(strnum 1.0.5)

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(libpsl 0.21.0)

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(Python six 1.12.0)

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(greenlet 0.4.17)

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(dumb-init 1.2.5)

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(nokogiri 1.11.6)

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(angularjs 1.8.0)

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(argparse4j 0.8.1)

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(liblua-jit-5.1-2 2.1.0~beta3)

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(mattn/go-ieproxy v0.0.3)

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(urllib3 1.26.5)

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(rapidjson 1.1.0)

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(multi\_json 1.14.1)

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(liblua5.1-0 5.1.5, lua 5.1.5)

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(DataMapper 1.2.1, dm-do-adapter 1.2.0, dm-mysql-adapter 1.2.0)

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(codahale's bcrypt-ruby 3.1.16, codahale's bcrypt-ruby 3.1.5)

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(libdrm2 2.4.104)

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(jq 1.6)

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(dm-serializer 1.2.2)

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(RapidXml 1.13)

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(pypi/setuputils 52.0.0)



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15.0.0-canary.684e33d25.0, @material/touch-target 15.0.0-canary.684e33d25.0, @material/typography 15.0.0-canary.684e33d25.0, @ng-bootstrap/ng-bootstrap 14.0.1, @ngx-translate/http-loader 7.0.0, @popperjs/core 2.11.7, Angular UI ui-select 0.19.8, angular2-ladda 5.0.0, ardm-core v1.2.1-dm, Azure/azure-storage-blob-go v0.15.0, Azure/go-ntlmssp 754e69321358ada85ce213a4ec971d3e4d1bfdf7, bootstrap 3.4.1, bootstrap 5.2.3, Bootstrap (Twitter) 5.2.3, Bowser 2.11.0, Cairo-Pixman 0.40.0, Cassandra Migration 2.3.0, cespare/xxhash v2.2.0, chart.js 4.2.1, chartjs-adapter-moment 1.0.1, cilium/ebpf 20221212-snapshot, cosiner/argv 20220823-snapshot, datamapper 1.2.0, delve 1.20.2, derekparker/trie 20230627-snapshot, did\_you\_mean 2.6.6, discover-data 2.2013.01.11+nmu1, dm-constraints 1.2.0, dm-transactions 1.2.0, DPDK, e2fsprogs 1.46.2, fast-xml-parser 4.2.5, fontconfig 2.13.1, go humanize 1.0.1, go-asn1-ber-asn1-ber v1.5.4, go-delve/delve 1.9.1, go-delve/delve v1.20.2, go-ldap-ldap v3.4.4, go-toml v2.1.0, go-viper v1.16.0, go-zap v1.24.0, go.uber.org/multierr v1.11.0, golang-github-spf13-viper-dev 1.16.0, golang-github-subosito-gotenv 1.6.0, golang-github-test-deep 1.1.0, high-scale-lib 1.0.6, iniparser, interact.js 1.10.17, java-dogstatsd-client 2.6.1, JCL 1.2 Implemented Over SLF4J 1.7.6, joshbuddy's jsonpath v1.1.2, libdrm-dev 2.4.104, libepoxy 1.5.5, liburing 0.7, liburing1 0.7, libvirglrenderer1 0.8.2, libx11-data 1.7.2, libXdmcp 1.1.2, libxext6 1.3.3, libxi6 1.7.10, libxml2 2.9.10, libxml2 2.9.12, libxpm4 3.5.12, libxslt 1.1.34, lua-resty-iputils 3151d6485e830421266eee5c0f386c32c835dba4, lua-resty-mlcache 2.5.0, mapstructure v1.5.0, Material Design for Angular 15.2.5, moment 2.29.4, moment-timezone 0.5.43, moment/moment 2.29.4, ncurses 6.2+20201114, ncurses-bin 6.2+20201114, ncurses-term 6.2+20201114, ngx-cookie-service 15.0.0, parse5 7.1.2, perl-Locale-Maketext-Simple 0.21, popt 1.18, racc 1.4.14, RDoc 6.2.1.1, rh-ruby27-rubygem-did\_you\_mean 1.4.0, rh-ruby27-rubygem-racc 1.4.16, ruby-webrick 2.7.4, rubygem-psych 3.1.0, SLF4J API Module 1.7.24, SLF4J API Module 1.7.36, spf13-cast v1.5.1, systemd-timesyncd 248.3, tablednd 0.2, Tilt v2.0.10, uthash uthash-1.9.3, vkbeautify 0.99.0, Wayland 1.18.0, xauth 1.1, XCB 1.14, xen-utils-3.2-1 4.14.6, xkeyboard-config xkeyboard-config-2.29, XML Security Library 1.2.31, xml-formatter 3.3.2, xml-parser-xo 4.0.5, xorg-x11 1.7.2, yaml for Go v3.0.1, yi01lib Unspecified, Zone.js 0.13.0)

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(ngx-translate/core 14.0.0)

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(json-schema-validator 0.20.9)

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(rapidjson 1.0.2)

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(libev 1.11.0)

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(backports 3.16.0)

Source: <https://github.com/marcandre/backports>

Files: \*

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(Ladda 2.0.3)

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(whitequark/ipaddr.js 1.9.0, whitequark/ipaddr.js 2.0.1)

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(ng-csv 0.3.3)

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(file 0.4.20)

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(technoweenie's faraday 1.1.0)

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(libxml-ruby 3.2.0)

Source: <http://rubyforge.org/projects/libxml/>

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(libcbor 0.5.0)

Files: debian/\*

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(Mellanox/libvma 8.8.1.really.8.7.7)

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(Pyinotify 0.9.6)

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(LibYAML 0.2.2)

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(ruby-net-ssh 6.1.0)

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(RubyGems 3.2.5)

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(XMLStarlet command line XML toolkit 1.6.1)

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(TZInfo 1.2.6)

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(DataObjects 0.10.17)

Source: <http://github.com/datamapper/do>

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(libuv 1.40.0)

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(mysql2 0.5.3)

Source: <https://github.com/brianmario/mysql2>

Files: \*

Copyright: 2012 Brian Lopez

License: Expat

Files: debian/\*

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(muParser - A fast math parser library 2.2.6.1)

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(brotli 1.0.9)

Source: <https://github.com/google/brotli>

Files: \*

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License: MIT

Files: debian/\*

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(nghttp2 v1.43.0)

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(dm-types 1.2.2)

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(Gozala/events 3.3.0)

Upstream-Contact: Roman Shtylman  
Source: <https://github.com/Gozala/events>

Files: \*  
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Files: debian/\*  
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2020, Yadd  
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Files: debian/tests/test\_modules/functions-have-names/\*  
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(Ruby 2.7.4)

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(nicksieger's multipart-post 2.0.0)

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(python-gevent-doc 20.9.0)

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(Bootstrap (Twitter) 3.4.1)

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(uuid 8.3.2)

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(rack-test 0.7.0)

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(c-ares 1.17.1)

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(restangular 1.6.1)

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(ruby-builder 3.2.4)

Source: <https://rubygems.org/gems/builder>

Files: \*

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(stringex 1.5.1)

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(jasmine/jasmine 3.6.0)

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(krallin/tini v0.19.0)

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(moment-timezone 0.5.31)

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(mustermann-contrib 1.1.1)

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(multi\_xml 0.6.0)

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(jQuery 3.5.1)

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(minitest 5.11.3)

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(Babeltrace 1.5.8)

Source: <https://www.efficios.com/files/babeltrace/>

Files: \*

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(Angular 1.8.0)

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(Ruby on Rails 6.0.3.7)

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Files: debian/\*

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Files: debian/missing-sources/jquery.js

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(dm-validations 1.2.0)

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(libfstrm-dev 0.6.0, libfstrm0 0.6.0)

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(json-c 0.15)

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(libexpat 2.2.10)

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(liblua5.1-lpeg1 1.0.2)

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(uuid 2.3.9)

Source: <https://rubygems.org/gems/uuid>

Files: \*

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Comment: Clarification <https://github.com/assaf/uuid/issues/44>

Files: debian/\*

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(ruby-i18n 1.8.8)

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(ruby-bcrypt 3.1.16)

Source: <https://github.com/codahale/bcrypt-ruby>

Files: \*

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(python cffi 1.14.5)

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(Spin.js 4.1.1)

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(jbeder/yaml-cpp 0.6.3)

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(appdirs 1.4.3)

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(jWalterWeatherman v1.1.0)

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(jnr-x86asm 1.0.2)

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(blackducksoftware\_lodash 4.17.21, jQuery UI 1.13.2, lodash-es 4.17.21)

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(sphinx\_rtd\_theme 0.5.0)

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(lostisland/faraday\_middleware 1.0.0)

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(JsonCpp 1.9.4)

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(dm-timestamps 1.2.0)

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(libffi 3.3)

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(dm-migrations 1.2.0)

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## (Network Time Protocol project (NTP) 4.2.8p15)

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(faraday\_middlewares-multi\_json 0.0.6)

Source: [https://github.com/denro/faraday\\_middlewares-multi\\_json](https://github.com/denro/faraday_middlewares-multi_json)

Files: \*

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(Azure/azure-pipeline-go v0.2.3)

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(x11-common 7.7+22)

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(python-magic 0.4.20)

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(Ladda 1.0.6)

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(pypi/setuptools 49.3.1)

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(hailocab-go-hostpool 0.0~git20160125.0.e80d13c)

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(do\_mysql 0.10.17)

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(UUIDTools 2.2.0)

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(fmtlib/fmt 7.1.3)

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libencrytion 2.3.0 <https://packages.debian.org/SSLeay>

libfcgi 0.0.0 <http://www.fastcgi.com> PublicDomain

libiniparser 2.12.0 <http://ndevilla.free.fr/iniparser/ini2/index.html> MIT

libjson-c 2.0.0 <https://github.com/json-c/json-c> PublicDomain

libopenapml 2.2.0 [https://github.com/ami-megarac-oem/AMI\\_AST2500\\_RR11-5-Plus/tree/master/OSSW-12-update2.00/tree/master/Modified\\_OpenSource](https://github.com/ami-megarac-oem/AMI_AST2500_RR11-5-Plus/tree/master/OSSW-12-update2.00/tree/master/Modified_OpenSource) BSD

libqdecoder 2.7.0 <http://www.qdecoder.org/> BSD

librapters 2.15.0 <https://github.com/DanielWaterworth/Rapters> LGPL-3

lighttpd 2.23.0 [https://github.com/ami-megarac-oem/AMI\\_AST2500\\_RR11-5-Plus/tree/master/OSSW-12-update2.00/tree/master/Modified\\_OpenSource](https://github.com/ami-megarac-oem/AMI_AST2500_RR11-5-Plus/tree/master/OSSW-12-update2.00/tree/master/Modified_OpenSource) BSD

JViewer-AVIStream 2.2.0 <http://java.sun.com/> CreativeCommons3.0

mtd-util 1.5.0 <git://git.infradead.org/mtd-utils.git> GPL-2

ntp 4.2.6 <http://www.ntp.org> PublicDomain

snmp 5.4.3 <http://net-snmp.sourceforge.net/> BSD

zoneinfo N/A <http://www.iana.org/time-zones> PublicDomain

hiredis 0.13.3 <https://github.com/redis/hiredis> BSD

linotify 0.4 <https://github.com/hoelzro/linotify> MIT

turbo 2.0.4 <https://github.com/kernelsauce/turbo> Apache 2.0

libupnp 1.6.20 <https://pupnp.sourceforge.io/> BSD

mctppcie 2.4.0 [https://github.com/ami-megarac-oem/AMI\\_AST2500\\_RR11-6-Plus/tree/master/OSSW-12-update2.00/tree/master/GPL-V2](https://github.com/ami-megarac-oem/AMI_AST2500_RR11-6-Plus/tree/master/OSSW-12-update2.00/tree/master/GPL-V2)

eth 2.13.0 [https://github.com/ami-megarac-oem/AMI\\_AST2500\\_RR11-5-Plus/tree/master/OSSW-12-update2.00/tree/master/Modified\\_OpenSource](https://github.com/ami-megarac-oem/AMI_AST2500_RR11-5-Plus/tree/master/OSSW-12-update2.00/tree/master/Modified_OpenSource) GPL-V2

curl 7.78.0 [https://github.com/ami-megarac-oem/AMI\\_AST2500\\_RR11-5-Plus/tree/master/OSSW-12-update2.00/tree/master/Modified\\_OpenSource](https://github.com/ami-megarac-oem/AMI_AST2500_RR11-5-Plus/tree/master/OSSW-12-update2.00/tree/master/Modified_OpenSource) MIT/X

## **Quanta Computer Quartet and Duet BMC 3.15.07 Third Party Software Content License**

(AMI Quanta BMC Third party Content 3.15.07)

Component Version Data URL License for component

Bootloader\_20XX\_Config-ARM-AST2500-WolfPass 6.13.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2

Bootloader\_20XX\_Pristine 6.1.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2

Bootloader\_20XX\_amiext 6.72.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2

Bootloader\_20XX\_oem\_ast2500evb 6.0.2 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2

Bootloader\_20XX\_platform\_wolfpass 6.2.5 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2

Bootloader\_20XX\_soc\_ast2500 6.9.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2

Bootloader\_Pristine\_ex 6.3.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2

Bootloader\_amiext\_ex 6.47.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2

Bootloader\_arch\_arm\_ex 6.15.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2

Bootloader\_basesoc\_ast\_ex 6.10.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2

Bootloader\_ex-ARM-AST2500-WolfPass 6.15.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2

Bootloader\_platform\_ast2500evb\_ex 6.9.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2

Bootloader\_soc\_ast2500\_ex 6.3.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2

Busybox\_Fixes\_ex 6.15.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2



Busybox\_Pristine\_ex 6.1.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
JViewer\_AVISream-ANY 6.5.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> CreativeCommons3.0  
JViewer\_AVISream 6.5.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> CreativeCommons3.0  
Kernel\_5\_Config-ARM-AST2500-WolfPass 6.20.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
Kernel\_5\_Pristine 6.15.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
Kernel\_5\_amiext 6.110.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
Kernel\_5\_basesoc\_ast 6.16.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
Kernel\_5\_oem\_ast2500evb 2.0.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
Kernel\_Pristine\_ex 6.1.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
Kernel\_amiext\_ex 6.78.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
Kernel\_arch\_arm\_ex 6.1.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
Kernel\_basesoc\_ast\_ex 6.17.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
Kernel\_ex-ARM-AST2500-WolfPass 6.10.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
Kernel\_initramfs\_ex 6.2.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
Kernel\_platform\_ast2500evb\_ex 6.1.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
Kernel\_soc\_ast2500\_ex 6.5.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
Kernel\_5\_Pristine 6.15.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
adc 6.14.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
adc\_hw-ARM-AST 6.4.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
bc 1.07.1 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2.0+  
bt 6.15.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2.0+  
bt\_hw-ARM-AST 6.7.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2.0+  
cdrom 6.4.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
coreutils 8.3 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V3  
cpld\_hw-ARM-AST 6.7.1 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
curl 7.64.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> MIT/X  
dosfstools 4.1 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V3  
dbus 1.12.20 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2  
dpkg 1.19.7 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
e2fsprogs 1.44.5 <https://github.com/ami-megarac/OSSW-v12-update-6.00> LGPL-V2  
espi 6.3.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
espi\_hw-ARM-AST 6.6.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
eth 6.18.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
ethtool 4.19 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2  
fb\_hw-ARM-AST 6.0.1 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
gawk 4.2.1 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-3+  
glibc\_jessietargetoverride-ARM 6.1.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> LGPL-V2.1  
gpio 6.10.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
gpio\_hw-ARM-AST 6.12.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
hdisk 6.6.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
helper 6.29.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
hid 6.11.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
host\_spi\_flash 6.3.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
host\_spi\_flash\_hw-ARM-AST 6.5.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
hw\_host\_spi\_flash-ANY 6.1.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
hw\_second\_spi\_flash-ANY 6.0.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
i2c\_hw-ARM-AST 6.11.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
iUSB 6.9.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
ipmitool 1.8.18 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2  
iproute2 4.20.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2  
iptables 1.8.2 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2  
iputils 20180629 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2

jemalloc 5.1.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> BSD-2-Clause, BSD-2-Clause-Chemeris, BSD-3-Clause-Google, Expat, BSD-3-Clause-Hiroshima-University, BSD-3-Clause

jtag 6.8.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2

jtag\_hw-ARM-AST 6.4.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2

kcs 6.8.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2

kcs\_hw-ARM-AST 6.5.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2

acl 2.2.53 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2+

apparmor 2.13.2 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2+, LGPL-2.1+

attr 2.4.48 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2+, LGPL-2+

audit 2.8.4 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2, LGPL-2.1

avahi 0.7 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2, LGPL-2.1

libblowfish 6.5.1 <https://github.com/ami-megarac/OSSW-v12-update-6.00> BSD

bzip2 1.0.6 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2, BSD-variant

glibc 2.28 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2, LGPL-2.1

libcap-ng 0.7.9 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2, GPL-3, LGPL-2.1

libcap 2.25 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2, GPL-2+

libchecksum 6.2.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> MIT

libcrc32c 6.0.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> LGPL-V2.1

libdaemon 0.14 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2, LGPL

db5.3 5.3.28 <https://github.com/ami-megarac/OSSW-v12-update-6.00> Berkeley DB

dbus 1.12.20 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2+, Expat, BSD-3-clause, BSD-3-clause-generic, Tcl-BSDish, g10-permissive, AFL-2.1

lvm2 2.03.02 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2, LGPL-2.1, BSD-2-Clause, GPL-2.0+, elfutils 0.176 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2, GPL-3, LGPL-

libencoding 6.12.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> BSD-CyoEncoding

libencryption 6.1.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> SSLeay

libestr 0.1.10 <https://github.com/ami-megarac/OSSW-v12-update-6.00> LGPL-2.1

expat 2.2.6 <https://github.com/ami-megarac/OSSW-v12-update-6.00> MIT

e2fsprogs 1.44.5 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2, LGPL-2

libfastjson 0.99.8 <https://github.com/ami-megarac/OSSW-v12-update-6.00> Expat, Apache-2.0

libfcgi 6.4.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> FASTCGI

libffi 3.2.1 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL

gcc-8 8.3.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL, GPL-2, GPL-3, GFDL-1.2, Artistic, LGPL,

libgcrypt20 1.8.4 <https://github.com/ami-megarac/OSSW-v12-update-6.00> LGPL, GPL-2

libgcrypt20\_jessietargetoverride-ARM 6.1.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> LGPL-V2.1

gmp 6.1.2 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL, GPL-2, GPI-3. LGPL-3

"

gnutls28" 3.6.7 <https://github.com/ami-megarac/OSSW-v12-update-6.00> LGPL, LGPL-v3, GPL, GPL-3, GFDL-1.3, GPL-3+. public-domain, LGPL-V2.1

libgoogle\_authenticator 6.5.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> APACHE

libgpg-error 1.35 <https://github.com/ami-megarac/OSSW-v12-update-6.00> LGPL-2.1+, g10-permissive, GPL-3+, BSD-3-clause

krb5 1.17 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2

nettle 3.4.1 <https://github.com/ami-megarac/OSSW-v12-update-6.00> LGPL-2.1+, LGPL-2+, public-domain, GPL-2, GAP, GPL-2+

libidn2 2.0.5 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-3+, Unicode, GPL-2+, LGPL-3+,

libiniparser 6.14.10 <https://github.com/ami-megarac/OSSW-v12-update-6.00> MIT

inotify-tools 3.14 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2.1+, LGPL-2.1+

pupnp-1.8 1.8.4 <https://github.com/ami-megarac/OSSW-v12-update-6.00> BSD-3-Clause-Intel, Academia-sinical-XML-Now, GPL-2+, GPL-3+, MIT-like, ISC,

libjpeg-turbo 1.5.2 <https://github.com/ami-megarac/OSSW-v12-update-6.00> BSD-BY-LC-NE, BSD-3, Expat,

keyutils 1.6 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2+, LGPL-2+,

kmod 26 <https://github.com/ami-megarac/OSSW-v12-update-6.00> LGPL-2.1

openldap 2.4.47 <https://github.com/ami-megarac/OSSW-v12-update-6.00>

CRL,FSF,HC,IBM,IS,ISC,JC,MA,MIT,OL2,PM,PM2,UoC,UoC2,UoM

lz4 1.8.3 <https://github.com/ami-megarac/OSSW-v12-update-6.00> BSD-2-Clause, GPL-2+, GPI-2

xz-utils 5.2.4 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2, GPL-V3, LGPL-2.1, PD, GPL-2+, permissive-fsf, Autoconf, permissive-nowarranty, noderivs,

lzo2 2.1 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2

mariadb 10.3.31 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2, GPL-2+, GPL-verbatim, public-domain, BSD-3-Clause, LGPL-2.1+, BSD-2-Clause, LGPL-2, LGPL, zlib/libpng, GPL-2+-with-bison-exception, GPL-3+-with-bison-exception, MIT

libmnl 1.0.4 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2+, LGPL-2.1+,

mpfr4 4.0.2 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GFDL-1.2

ncurses 6.1+20181013-2+deb10u2 <https://github.com/ami-megarac/OSSW-v12-update-6.00> FreeSoftware

libnetfilter\_conntrack 1.0.7 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2+,

libnetfilter\_cttimeout 1.0.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2+

libnfnetlink 1.0.1 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL

libnftnl 1.1.2 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2+,

nghttp2 1.36.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> Expat, MIT, all-permissive, GPL-3+ with autoconf exception, BSD-2-clause, SIL-OFL-1.1,

libnss\_ldap 6.3.4 <https://github.com/ami-megarac/OSSW-v12-update-6.00> LGPL-V2.1

autogen 5.18.12 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-3+, LGPL-3+, LGPL-2.1+, GPL-2+, Modified\_BSD

p11-kit 0.23.15 <https://github.com/ami-megarac/OSSW-v12-update-6.00> BSD-3-clause, permissive-like-automake-output, ISC, IBM

libpam-ldap 186-4 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2+,modified-BSD

libpam-radius-auth 1.4.0-3-deb10u1 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-V2

pam 1.3.1 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL

parted 3.2 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-3,

pciutils 3.5.2 <https://github.com/ami-megarac/OSSW-v12-update-6.00> common-licenses

pcrc3 8.39 <https://github.com/ami-megarac/OSSW-v12-update-6.00> BSD

perl 5.28.1 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-1+, Expat, REGCOMP, GPL-3+-with-bison-exception, Unicode, S2P, BZIP, ZLIB,

libpng 1.6.36 <https://github.com/ami-megarac/OSSW-v12-update-6.00> libpng, expat, GPL-2+, Apache-2.0, BSD-like-with-advertising-clause, BSD-3-clause

popt 1.16 <https://github.com/ami-megarac/OSSW-v12-update-6.00> X-Consortium, GPL-2+,

procps 3.3.15 <https://github.com/ami-megarac/OSSW-v12-update-6.00> LGPL-2.0+, LGPL-2.1+, GPL-2.0+,

libpsl 0.20.2 <https://github.com/ami-megarac/OSSW-v12-update-6.00> MIT, Chromium

libqdecoder 6.26.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> BSD

librappers 6.17.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> LGPL-3,

readline 7 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-3, GFDL

rtmpdump 2.4 <https://github.com/ami-megarac/OSSW-v12-update-6.00> LGPL-2.1

cyrus-sasl2 2.1.27 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-3+, BSD-4-clause,

libselinux 2.8 <https://github.com/ami-megarac/OSSW-v12-update-6.00> LGPL-2.1, GPL-2,

lm-sensors 3.5.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2, LGPL-2.1

libsepol 2.8 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL, LGPL

libsigsegv 2.12 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2+, GPL-2+\_with\_Autoconf\_exception, permissive-fsf, permissvie-other,

util-linux 2.33.1 <https://github.com/ami-megarac/OSSW-v12-update-6.00> GPL-2, GPL-2+, GPL-3+, public-domain, BSD-2-Clause, BSD-3-Clause, BSD-4-Clause, MIT, LGPL, LGPL-2+, LGPL-2.1+,

net-snmp 5.7.3 <https://github.com/ami-megarac/OSSW-v12-update-6.00> BSD-LIKE, BSD-3-clause, GPL-2+, Artistic-1.0,

libssh2 1.8.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> BSD-3

openssl 1.1.1d <https://github.com/ami-megarac/OSSW-v12-update-6.00> BSD

systemd 241 <https://github.com/ami-megarac/OSSW-v12-update-6.00> LGPL-2.1+, CC0-1.0, GPL-2, GPL-2+, Expat, public-domain,

libtasn1-6 4.13 <https://github.com/ami-megarac/OSSW-v12-update-6.00> LGPL-2.1+, GPI-3+, GFDL-1.3

libtasn1-6\_jessietargetoverride-ARM 6.0.0 <https://github.com/ami-megarac/OSSW-v12-update-6.00> LGPL-V2.1

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