

## HCP-CS Third-Party Software V 1.3 Open Source Software Packages

Contact Information:  
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Santa Clara, California 95054

| Name of Product/Product Component | Version  | License                              |
|-----------------------------------|----------|--------------------------------------|
| systemd-pam                       | 239      | LGPLv2+ and MIT and GPLv2+           |
| javapackages-filesystem           | 5.3.0    | BSD                                  |
| dbus                              | 1.12.10  | (GPLv2+ or AFL) and GPLv2+           |
| python-setuptools-wheel           | 40.4.3   | MIT and (BSD or ASL 2.0)             |
| parted                            | 3.2      | GPLv3+                               |
| fontpackages-filesystem           | 1.44     | Public Domain                        |
| device-mapper-event               | 1.02.150 | GPLv2                                |
| dejavu-fonts-common               | 2.35     | Bitstream Vera and Public Domain     |
| lvm2                              | 2.02.181 | GPLv2                                |
| tzdata                            | 2018e    | Public Domain                        |
| ntpdate                           | 4.2.8p12 | MIT and BSD and BSD with advertising |
| publicsuffix-list-dafsa           | 2E+07    | MPLv2.0                              |

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| subversion-libs                   | 1.10.2  | ASL 2.0                  |
| ncurses-base                      | 6.1     | MIT                      |
| javapackages-tools                | 5.3.0   | BSD                      |
| libX11-common                     | 1.6.6   | MIT                      |
| apache-commons-pool               | 1.6     | ASL 2.0                  |
| dnf-data                          | 4.0.4   | GPLv2+ and GPLv2 and GPL |
| junit                             | 4.12    | EPL-1.0                  |
| fedora-release                    | 29      | MIT                      |
| log4j12                           | 1.2.17  | ASL 2.0                  |
| setup                             | 2.12.1  | Public Domain            |
| cglib                             | 3.2.4   | ASL 2.0 and BSD          |
| basesystem                        | 11      | Public Domain            |
| slf4j                             | 1.7.25  | MIT and ASL 2.0          |
| libselinux                        | 2.8     | Public Domain            |
| tomcat-lib                        | 9.0.10  | ASL 2.0                  |

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| glibc-all-langpacks               | 2.28    | LGPLv2+ and LGPLv2+ with exceptions and GPLv2+ and GPLv2+ with exceptions and BSD and Inner-Net and ISC and Public Domain and GFDL |
| antlr-tool                        | 2.7.7   | ANTLR-PD   |
| glibc                             | 2.28    | LGPLv2+ and LGPLv2+ with exceptions and GPLv2+ and GPLv2+ with exceptions and BSD and Inner-Net and ISC and Public Domain and GFDL |
| apache-commons-daemon             | 1.0.15  | ASL 2.0  |
| libsepol                          | 2.8     | LGPLv2+  |
| apache-commons-logging            | 1.2     | ASL 2.0  |
| bzip2-libs                        | 1.0.6   | BSD  |
| jffi                              | 1.2.12  | LGPLv3+ or ASL 2.0   |
| libxcrypt                         | 4.2.1   | LGPLv2+ and BSD and Public Domain  |
| jsr-305                           | 0       | BSD and CC-BY  |
| expat                             | 2.2.6   | MIT  |
| checkstyle                        | 8       | LGPLv2+ and GPLv2+ and BSD   |
| readline                          | 7       | GPLv3+   |
| jzlib                             | 1.1.3   | BSD  |
| libuuid                           | 2.32.1  | BSD  |

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| netty3                            | 3.10.6  | ASL 2.0 and BSD and CC0 |
| elfutils-libelf                   | 0.174   | GPLv2+ or LGPLv3+       |
| hamcrest                          | 1.3     | BSD                     |
| lua-libs                          | 5.3.5   | MIT                     |
| zookeeper                         | 3.4.9   | ASL 2.0 and BSD         |
| chkconfig                         | 1.1     | GPLv2                   |
| yajl                              | 2.1.0   | ISC                     |
| libffi                            | 3.1     | BSD                     |
| docker                            | 1.13.1  | ASL 2.0                 |
| nss-util                          | 3.39.0  | MPLv2.0                 |
| gflags-devel                      | 2.1.2   | BSD                     |
| info                              | 6.5     | GPLv3+                  |
| mesos                             | 1.1.0   | ASL 2.0                 |
| libzstd                           | 1.3.6   | BSD and GPLv2           |
| jffi-native                       | 1.2.12  | LGPLv3+ or ASL 2.0      |

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| libattr                           | 2.4.48  | LGPLv2+                        |
| slf4j-log4j12                     | 1.7.25  | MIT and ASL 2.0                |
| sed                               | 4.5     | GPLv3+                         |
| dnf                               | 4.0.4   | GPLv2+ and GPLv2 and GPL       |
| libsmartcols                      | 2.32.1  | LGPLv2+                        |
| python2-kazoo                     | 2.5.0   | ASL 2.0                        |
| libidn2                           | 2.0.5   | (GPLv2+ or LGPLv3+) and GPLv3+ |
| logrotate                         | 3.14.0  | GPLv2+                         |
| apr-util                          | 1.6.1   | ASL 2.0                        |
| strace                            | 4.24    | BSD                            |
| libassuan                         | 2.5.1   | LGPLv2+ and GPLv3+             |
| rsync                             | 3.1.3   | GPLv3+                         |
| gdbm-libs                         | 1.18    | GPLv3+                         |
| unzip                             | 6       | BSD                            |
| libcap-ng                         | 0.7.9   | LGPLv2+                        |

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| less                              | 530     | GPLv3+ or BSD  |
| libjpeg-turbo                     | 2.0.0   | IJG  |
| glibc-locales-source              | 2.28    | LGPLv2+ and LGPLv2+ with exceptions and GPLv2+ and GPLv2+ with exceptions and BSD and Inner-Net and ISC and Public Domain and GFDL |
| grep                              | 3.1     | GPLv3+   |
| time                              | 1.9     | GPLv3+ and GFDL  |
| gflags                            | 2.1.2   | BSD  |
| file-libs                         | 5.34    | BSD  |
| freetype                          | 2.9.1   | (FTL or GPLv2+) and BSD and MIT and Public Domain and zlib with acknowledgement  |
| lksctp-tools                      | 1.0.16  | GPLv2 and GPLv2+ and LGPLv2 and MIT  |
| libmnl                            | 1.0.4   | LGPLv2+  |
| libpcap                           | 1.9.0   | BSD with advertising   |
| libseccomp                        | 2.3.3   | LGPLv2   |
| p11-kit-trust                     | 0.23.14 | BSD  |
| libnetfilter_conntrack            | 1.0.6   | GPLv2+   |
| ttmkfdir                          | 3.0.9   | LGPLv2+  |

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| xz                                | 5.2.4   | GPLv2+ and Public Domain       |
| gdbm                              | 1.18    | GPLv3+                         |
| acl                               | 2.2.53  | GPLv2+                         |
| libcomps                          | 0.1.8   | GPLv2+                         |
| nettle                            | 3.4     | LGPLv3+ or GPLv2+              |
| findutils                         | 4.6.0   | GPLv3+                         |
| nss-softokn                       | 3.39.0  | MPLv2.0                        |
| lua-posix                         | 33.3.1  | MIT                            |
| libksba                           | 1.3.5   | (LGPLv3+ or GPLv2+) and GPLv3+ |
| libmetalink                       | 0.1.3   | MIT                            |
| kmod-libs                         | 25      | LGPLv2+                        |
| protobuf                          | 3.5.0   | BSD                            |
| docker-common                     | 1.13.1  | ASL 2.0                        |
| elfutils-default-yama-scope       | 0.174   | GPLv2+ or LGPLv3+              |
| apache-commons-daemon-jsvc        | 1.0.15  | ASL 2.0                        |

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| brotli                            | 1.0.5     | MIT                                   |
| giflib                            | 5.1.4     | MIT                                   |
| lcms2                             | 2.9       | MIT                                   |
| libatomic_ops                     | 7.6.6     | GPLv2 and MIT                         |
| libnghttp2                        | 1.34.0    | MIT                                   |
| pkgconf                           | 1.5.3     | ISC                                   |
| xorg-x11-font-utils               | 7.5       | MIT                                   |
| gawk                              | 4.2.1     | GPLv3+ and GPLv2+ and LGPLv2+ and BSD |
| libverto                          | 0.3.0     | MIT                                   |
| libxcb                            | 1.13.1    | MIT                                   |
| libXext                           | 1.3.3     | MIT                                   |
| libXtst                           | 1.2.3     | MIT                                   |
| lzo                               | 2.08      | GPLv2+                                |
| openssl-libs                      | 1.1.1     | OpenSSL                               |
| ca-certificates                   | 2018.2.26 | Public Domain                         |



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| libblkid                          | 2.32.1            | LGPLv2+  |
| shadow-utils                      | 4.6               | BSD and GPLv2+   |
| systemd-libs                      | 239               | LGPLv2+ and MIT  |
| libmodulemd                       | 1.6.4             | MIT  |
| openldap                          | 2.4.46            | OpenLDAP   |
| libnsl2                           | 1.2.0             | BSD and LGPLv2+  |
| python3                           | 3.7.0             | Python   |
| nss                               | 3.39.0            | MPLv2.0  |
| libusbx                           | 1.0.22            | LGPLv2+  |
| fontconfig                        | 2.13.1            | MIT and Public Domain and UCD  |
| libusb                            | 0.1.5             | LGPLv2+  |
| java-1.8.0-openjdk-headless       | 1.8.0.181.b1<br>5 | ASL 1.1 and ASL 2.0 and BSD and BSD with advertising and GPL+ and GPLv2 and GPLv2 with exceptions and IJG and LGPLv2+ and MIT and MPLv2.0 and Public Domain and W3C and zlib |
| python3-pytoml                    | 0.1.18            | MIT  |
| python3-setuptools                | 40.4.3            | MIT and (BSD or ASL 2.0)   |
| python3-six                       | 1.11.0            | MIT  |

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| libserf                           | 1.3.9      | ASL 2.0  |
| procps-ng                         | 3.3.15     | GPL+ and GPLv2 and GPLv2+ and GPLv3+ and LGPLv2+   |
| dbus-daemon                       | 1.12.10    | (GPLv2+ or AFL) and GPLv2+   |
| libssh                            | 0.8.3      | LGPLv2+  |
| curl                              | 7.61.1     | MIT  |
| libfdisk                          | 2.32.1     | LGPLv2+  |
| java-11-openjdk-headless          | 11.0.ea.28 | ASL 1.1 and ASL 2.0 and BSD and BSD with advertising and GPL+ and GPLv2 and GPLv2 with exceptions and IJG and LGPLv2+ and MIT and MPLv2.0 and Public Domain and W3C and zlib and ISC and FTL and RSA |
| tomcat-el-3.0-api                 | 9.0.10     | ASL 2.0  |
| tomcat-jsp-2.3-api                | 9.0.10     | ASL 2.0  |
| binutils                          | 2.31.1     | GPLv3+   |
| make                              | 4.2.1      | GPLv3+   |
| python2                           | 2.7.15     | Python   |
| python2-six                       | 1.11.0     | MIT  |
| python2-backports                 | 1          | Public Domain  |
| python2-chardet                   | 3.0.4      | LGPLv2   |

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| python2-ipaddress                 | 1.0.18  | Python  |
| python2-pysocks                   | 1.6.8   | BSD   |
| python2-requests                  | 2.19.1  | ASL 2.0   |
| python2-rsa                       | 3.4.2   | ASL 2.0   |
| gzip                              | 1.9     | GPLv3+ and GFDL   |
| libpwquality                      | 1.4.0   | BSD or GPLv2+   |
| util-linux                        | 2.32.1  | GPLv2 and GPLv2+ and LGPLv2+ and BSD with advertising and Public Domain |
| libarchive                        | 3.3.2   | BSD   |
| rpm-libs                          | 4.14.2  | GPLv2+ and LGPLv2+ with exceptions                                      |
| libsolv                           | 0.6.35  | BSD   |
| selinux-policy                    | 3.14.2  | GPLv2+  |
| container-selinux                 | 2.73    | GPLv2   |
| npth                              | 1.5     | LGPLv2+   |
| gpgme                             | 1.11.1  | LGPLv2+   |
| libdnf                            | 0.22.0  | LGPLv2+   |

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| python3-hawkey                           | 0.22.0         | LGPLv2+  |
| rpm-sign-libs                            | 4.14.2         | GPLv2+ and LGPLv2+ with exceptions   |
| python3-dnf                              | 4.0.4          | GPLv2+ and GPLv2 and GPL   |
| device-mapper                            | 1.02.150       | GPLv2  |
| cryptsetup-libs                          | 2.0.4          | GPLv2+ and LGPLv2+   |
| libgcc                                   | 8.2.1          | GPLv3+ and GPLv3+ with exceptions and GPLv2+ with exceptions and LGPLv2+ and BSD       |
| systemd                                  | 239            | LGPLv2+ and MIT and GPLv2+   |
| tzdata-java                              | 2018e          | Public Domain  |
| device-mapper-event-libs                 | 1.02.150       | LGPLv2   |
| python-pip-wheel                         | 18             | MIT and Python and ASL 2.0 and BSD and ISC and LGPLv2 and MPLv2.0 and (ASL 2.0 or BSD) |
| xfsprogs                                 | 4.17.0         | GPL+ and LGPLv2+   |
| containers-common                        | 0.1.32         | ASL 2.0  |
| lvm2-libs                                | 2.02.181       | LGPLv2   |
| dejavu-sans-fonts                        | 2.35           | Bitstream Vera and Public Domain   |
| container-storage-setup                  | 0.11.0         | ASL 2.0  |

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|--|----------------|-----------------------------------|
| subscription-manager-rhsm-certificates   | 1.23.3         | GPLv2                             |
| utf8proc                                 | 2.1.1          | Unicode and MIT                   |
| pkgconf-m4                               | 1.5.3          | GPLv2+ with exceptions            |
| which                                    | 2.21           | GPLv3                             |
| libxcrypt-common                         | 4.2.1          | LGPLv2+ and BSD and Public Domain |
| apache-commons-collections               | 3.2.2          | ASL 2.0                           |
| libreport-filessystem                    | 2.9.6          | GPLv2+                            |
| hamcrest-core                            | 1.3            | BSD                               |
| fedora-gpg-keys                          | 29             | MIT                               |
| apache-commons-dbcp                      | 1.4            | ASL 2.0                           |
| fedora-repos                             | 29             | MIT                               |
| objectweb-asm                            | 6.2.1          | BSD                               |
| filesystem                               | 3.9            | Public Domain                     |
| objenesis                                | 2.6            | ASL 2.0                           |
| pcre2                                    | 10.32          | BSD                               |

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| easymock                          | 3.5     | ASL 2.0  |
| ncurses-libs                      | 6.1     | MIT  |
| antlr4-runtime                    | 4.5.2   | BSD  |
| glibc-common                      | 2.28    | LGPLv2+ and LGPLv2+ with exceptions and GPLv2+ and GPLv2+ with exceptions and BSD and Inner-Net and ISC and Public Domain and GFDL |
| apache-commons-cli                | 1.4     | ASL 2.0  |
| bash                              | 4.4.23  | GPLv3+   |
| tomcat                            | 9.0.10  | ASL 2.0  |
| zlib                              | 1.2.11  | zlib and Boost   |
| apache-commons-beanutils          | 1.9.3   | ASL 2.0  |
| libstdc++                         | 8.2.1   | GPLv3+ and GPLv3+ with exceptions and GPLv2+ with exceptions and LGPLv2+ and BSD   |
| jline1                            | 1       | BSD  |
| xz-libs                           | 5.2.4   | Public Domain  |
| guava                             | 25      | ASL 2.0 and CC0  |
| libdb                             | 5.3.28  | BSD and LGPLv2 and Sleepycat   |
| jtoaster                          | 1.0.5   | ASL 2.0  |

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| libpgg-error                      | 1.31    | LGPLv2+  |
| netty-tcnative                    | 1.1.30  | ASL 2.0  |
| libcap                            | 2.25    | GPLv2  |
| qdox                              | 2       | ASL 2.0  |
| sqlite-libs                       | 3.24.0  | Public Domain                                    |
| mockito                           | 1.10.19 | MIT  |
| popt                              | 1.16    | MIT  |
| zookeeper-java                    | 3.4.9   | ASL 2.0 and BSD                                  |
| libcom_err                        | 1.44.3  | MIT  |
| oci-umount                        | 2.3.4   | GPLv3+   |
| nspr                              | 4.20.0  | MPLv2.0  |
| cmake-filesystem                  | 3.12.1  | BSD and MIT and zlib                             |
| apr                               | 1.6.5   | ASL 2.0 and BSD with advertising and ISC and BSD |
| glog                              | 0.3.5   | BSD  |
| gmp                               | 6.1.2   | LGPLv3+ or GPLv2+                                |

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| mesos-devel                       | 1.1.0   | ASL 2.0                  |
| libxml2                           | 2.9.8   | MIT                      |
| tomcat-jsvc                       | 9.0.10  | ASL 2.0                  |
| libacl                            | 2.2.53  | LGPLv2+                  |
| android-json-org-java             | 6.0.1   | ASL 2.0                  |
| json-c                            | 0.13.1  | MIT                      |
| haproxy                           | 1.8.14  | GPLv2+                   |
| libunistring                      | 0.9.10  | GPLV2+ or LGPLv3+        |
| crash                             | 7.2.3   | GPLv3                    |
| lz4-libs                          | 1.8.2   | GPLv2+ and BSD           |
| tomcat-native                     | 1.2.17  | ASL 2.0                  |
| p11-kit                           | 0.23.14 | BSD                      |
| iproute                           | 4.18.0  | GPLv2+ and Public Domain |
| libgcrypt                         | 1.8.3   | LGPLv2+                  |
| vim-minimal                       | 8.1.450 | Vim and MIT              |



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| libaio                            | 0.3.111 | LGPLv2+                                |
| hostname                          | 3.2     | GPLv2+                                 |
| audit-libs                        | 3       | LGPLv2+                                |
| runit                             | 2.1.2   | BSD                                    |
| pcre                              | 8.42    | BSD                                    |
| psmisc                            | 23.1    | GPLv2+                                 |
| libsemanage                       | 2.8     | LGPLv2+                                |
| snappy                            | 1.1.7   | BSD                                    |
| libpng                            | 1.6.34  | zlib                                   |
| libselinux-utils                  | 2.8     | Public Domain                          |
| keyutils-libs                     | 1.5.10  | GPLv2+ and LGPLv2+                     |
| libnfnetwork                      | 1.0.1   | GPLv2+                                 |
| iptables-libs                     | 1.8.0   | GPLv2 and Artistic Licence 2.0 and ISC |
| libtasn1                          | 4.13    | GPLv3+ and LGPLv2+                     |
| libyaml                           | 0.2.1   | MIT                                    |

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| iptables                          | 1.8.0   | GPLv2 and Artistic Licence 2.0 and ISC |
| leveldb                           | 1.2     | BSD                                    |
| device-mapper-persistent-data     | 0.7.6   | GPLv3+                                 |
| libpsl                            | 0.20.2  | MIT                                    |
| tar                               | 1.3     | GPLv3+                                 |
| mpfr                              | 3.1.6   | LGPLv3+ and GPLv3+ and GFDL            |
| coreutils-common                  | 8.3     | GPLv3+                                 |
| nss-softokn-freebl                | 3.39.0  | MPLv2.0                                |
| lua                               | 5.3.5   | MIT                                    |
| copy-jdk-configs                  | 3.7     | BSD                                    |
| libdb-utils                       | 5.3.28  | BSD and LGPLv2 and Sleepycat           |
| kmod                              | 25      | GPLv2+                                 |
| libcicu                           | 62.1    | MIT and UCD and Public Domain          |
| libfontenc                        | 1.1.3   | MIT                                    |
| docker-rhel-push-plugin           | 1.13.1  | GPLv2                                  |

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|-----------------------------------|---------|--------------------------|
| elfutils-libs                     | 0.174   | GPLv2+ or LGPLv3+        |
| autogen-libopts                   | 5.18.14 | LGPLv3+                  |
| diffutils                         | 3.6     | GPLv3+                   |
| http-parser                       | 2.8.1   | MIT                      |
| libargon2                         | 2E+07   | Public Domain or ASL 2.0 |
| gc                                | 7.6.4   | BSD                      |
| libpkgconf                        | 1.5.3   | ISC                      |
| pkgconf-pkg-config                | 1.5.3   | ISC                      |
| libsigsegv                        | 2.11    | GPLv2+                   |
| libtool-ltdl                      | 2.4.6   | LGPLv2+                  |
| libXau                            | 1.0.8   | MIT                      |
| libX11                            | 1.6.6   | MIT                      |
| libXi                             | 1.7.9   | MIT                      |
| libXrender                        | 0.9.10  | MIT                      |
| ncurses                           | 6.1     | MIT                      |

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| coreutils                                | 8.3            | GPLv3+                           |
| crypto-policies                          | 2E+07          | LGPLv2+                          |
| krb5-libs                                | 1.16.1         | MIT                              |
| libmount                                 | 2.32.1         | LGPLv2+                          |
| glib2                                    | 2.58.1         | LGPLv2+                          |
| cyrus-sasl-lib                           | 2.1.27         | BSD with advertising             |
| libtirpc                                 | 1.1.4          | SISSL and BSD                    |
| python3-libs                             | 3.7.0          | Python                           |
| nss-sysinit                              | 3.39.0         | MPLv2.0                          |
| dbus-libs                                | 1.12.10        | (GPLv2+ or AFL) and GPLv2+       |
| gnutls                                   | 3.6.4          | GPLv3+ and LGPLv2+               |
| xorg-x11-fonts-Type1                     | 7.5            | MIT and Lucida and Public Domain |
| dbus-tools                               | 1.12.10        | (GPLv2+ or AFL) and GPLv2+       |
| python3-libcomps                         | 0.1.8          | GPLv2+                           |
| python3-pyyaml                           | 4.2            | MIT                              |

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|-----------------------------------|------------|--|
| atomic-registries                 | 1.22.1     | LGPLv2+  |
| python3-iniparse                  | 0.4        | MIT and Python   |
| cyrus-sasl-md5                    | 2.1.27     | BSD with advertising   |
| dbus-common                       | 1.12.10    | (GPLv2+ or AFL) and GPLv2+   |
| libutempter                       | 1.1.6      | LGPLv2+  |
| libcurl                           | 7.61.1     | MIT  |
| gnupg                             | 1.4.23     | GPLv3+ with exceptions   |
| alsa-lib                          | 1.1.6      | LGPLv2+  |
| java-11-openjdk                   | 11.0.ea.28 | ASL 1.1 and ASL 2.0 and BSD and BSD with advertising and GPL+ and GPLv2 and GPLv2 with exceptions and IJG and LGPLv2+ and MIT and MPLv2.0 and Public Domain and W3C and zlib and ISC and FTL and RSA |
| tomcat-servlet-4.0-api            | 9.0.10     | ASL 2.0  |
| ecj                               | 4.9        | EPL-2.0  |
| guile                             | 2.0.14     | LGPLv3+  |
| compat-openssl10                  | 1.0.2o     | OpenSSL  |
| python2-libs                      | 2.7.15     | Python   |
| python2-protobuf                  | 3.5.0      | BSD  |

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| python2-backports-ssl_match_hostname | 3.5.0.1 | Python                             |
| python2-idna                         | 2.7     | BSD and Python and Unicode         |
| python2-pyasn1                       | 0.3.7   | BSD                                |
| python2-urllib3                      | 1.23    | MIT                                |
| python2-setuptools                   | 40.4.3  | MIT and (BSD or ASL 2.0)           |
| python2-boto                         | 2.45.0  | MIT                                |
| cracklib                             | 2.9.6   | LGPLv2+                            |
| pam                                  | 1.3.1   | BSD and GPLv2+                     |
| ima-evm-utils                        | 1.1     | GPLv2                              |
| rpm                                  | 4.14.2  | GPLv2+                             |
| rpm-plugin-selinux                   | 4.14.2  | GPLv2+                             |
| policycoreutils                      | 2.8     | GPLv2                              |
| selinux-policy-targeted              | 3.14.2  | GPLv2+                             |
| rpm-build-libs                       | 4.14.2  | GPLv2+ and LGPLv2+ with exceptions |
| gnupg2                               | 2.2.9   | GPLv3+                             |

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|-----------------------------------|----------|--------------------|
| librepo                           | 1.9.1    | LGPLv2+            |
| python3-libdnf                    | 0.22.0   | LGPLv2+            |
| python3-gpg                       | 1.11.1   | LGPLv2+            |
| python3-rpm                       | 4.14.2   | GPLv2+             |
| qrencode-libs                     | 3.4.4    | LGPLv2+            |
| device-mapper-libs                | 1.02.150 | LGPLv2             |
| Gosu                              | 1.1      | GPL3               |
| Bouncy Castle                     | 1.59     | MIT License        |
| Cassandra All                     | 3.11.2   | Apache License 2.0 |
| Cassandra Driver Core             | 3.5.0    | Apache License 2.0 |
| Cassandra Driver Mapping          | 3.5.0    | Apache License 2.0 |
| CommonMark Java Core              | 0.11.0   | BSD 2 Clause       |
| Apache Commons CLI                | 1.3.1    | Apache License 2.0 |
| Apache Commons Codec              | 1.6      | Apache License 2.0 |
| Apache Commons Collection         | 3.2.1    | Apache License 2.0 |

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| Apache Commons Compress           | 1.16.1  | Apache License 2.0         |
| Apache Commons Configuration      | 1.1     | Apache License 2.0         |
| Apache Commons Lang               | 2.6     | Apache License 2.0         |
| Apache Commons Lang 3             | 3.2.1   | Apache License 2.0         |
| Apache Commons Logging            | 1.1.3   | Apache License 2.0         |
| Apache Commons IO                 | 2.4     | Apache License 2.0         |
| Curator Framework                 | 4.0.1   | Apache License 2.0         |
| Curator Recipes                   | 4.0.1   | Apache License 2.0         |
| Google Dagger                     | 2.15    | Apache License 2.0         |
| Google Dagger Producers           | 2.15    | Apache License 2.0         |
| Google Dagger Compiler            | 2.15    | Apache License 2.0         |
| dcm4che                           | 3.3.8   | MOZILLA PUBLIC LICENSE 1.1 |
| Docker Client                     | 8.11.1  | Apache License 2.0         |
| Elastic Search                    | 5.3.1   | Apache License 2.0         |
| Google Error Prone                | 2.3.1   | Apache License 2.0         |



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| Google Error Prone                | 9         | Apache License 2.0            |
| Google Java Format                | 1.4       | Apache License 2.0            |
| Google GSON                       | 2.8.2     | Apache License 2.0            |
| Google Guava                      | 25.0-jre  | Apache License 2.0            |
| Handlebars.java                   | 4.0.6     | Apache License 2.0            |
| HdrHistogram                      | 2.1.4     | Public Domain or BSD 2 Clause |
| Glassfish Hk2                     | 2.4.0-b31 | CDDL 1.1                      |
| Apache HTrace                     | 4.0.1     | Apache License 2.0            |
| Apache HttpClient                 | 4.5.5     | Apache License 2.0            |
| jackson-jaxrs-base                | 2.9.5     | Apache License 2.0            |
| jackson core annotations          | 2.9.5     | Apache License 2.0            |
| jackson-codehaus-core             | 1.9.10    | Apache License 2.0            |
| jackson-codehas-mapper            | 1.9.10    | Apache License 2.0            |
| jackson-core                      | 2.9.5     | Apache License 2.0            |
| jackson core databind             | 2.9.5     | Apache License 2.0            |

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|--|----------------|---|
| Jackson                                  | 2.9.5          | Apache License 2.0  |
| Jackson Datatype Joda                    | 2.9.5          | Apache License 2.0  |
| jackson-dataformat-yaml                  | 2.9.5          | Apache License 2.0  |
| jackson-dataformat-xml                   | 2.9.5          | Apache License 2.0  |
| Jackson Module Jaxb Annotations          | 2.9.5          | Apache License 2.0  |
| jackson-jaxrs-json                       | 2.9.5          | Apache License 2.0  |
| javamail                                 | 1.4.4          | COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)Version 1.1 |
| javapoet                                 | 1.8.0          | Apache License 2.0  |
| javassist                                | 3.18.2-ga      | Apache License 2.0  |
| Glassfish javax.annotation               | 1.2            | CDDL 1.1  |
| Glassfish javax.inject                   | 2.4.0-b09      | CDDL 1.1  |
| Ws Rs-API                                | 2.0.1          | CDDL 1.1  |
| Jersey                                   | 2.21           | CDDL 1.1  |
| Jersey Client                            | 2.21           | CDDL 1.1 or GPLv2 with CPE                                    |
| Jersey Client                            | 2.21           | CDDL 1.1 or GPLv2 with CPE                                    |

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| Jersey Media Multipart            | 2.21    | CDDL 1.1 or GPLv2 with CPE |
| Jest                              | 5.3.4   | Apache License 2.0         |
| JFFI                              | 1.2.15  | Apache License 2.0         |
| jmustache                         | 1.14    | BSD License                |
| JNR POSIX                         | 3.0.35  | Eclipse Public License     |
| Joda Time                         | 2.9.4   | Apache License 2.0         |
| jOpt Simple                       | 5.0.3   | MIT License                |
| jose4j                            | 0.4.4   | Apache License 2.0         |
| Json Smart                        | 2.2     | Apache License 2.0         |
| Json Path                         | 2.0.0   | Apache License 2.0         |
| jsoup                             | 1.10.2  | MIT                        |
| Slf4j                             | 1.7.16  | MIT                        |
| Apache XPath                      | 2       | Apache License 2.0         |
| Kafka                             | 1.1.0   | Apache License 2.0         |
| Kafka Client                      | 1.1.0   | Apache License 2.0         |

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| Log4j Over Slf4j                  | 1.7.16       | MIT                |
| Log4j To Slf4j                    | 2.8          | MIT                |
| Logback                           | 1.1.7        | LGPL               |
| lz4                               | 1.2.0        | Apache License 2.0 |
| Apache Felix Maven Bundle Plugin  | 2.3.4        | Apache License 2.0 |
| MBassador                         | 1.3.2        | MIT                |
| Dropwizard Metrics                | 3.1.2        | Apache License 2.0 |
| Mimepull                          | 1.9.6        | CDDL 1.1           |
| Netty                             | 4.1.31.final | Apache License 2.0 |
| Noggit                            | 0.6          | Apache License 2.0 |
| OkHttp                            | 3.0.1        | Apache License 2.0 |
| Okio                              | 1.6.0        | Apache License 2.0 |
| Oltu                              | 1.0.1.hds1*  | Apache License 2.0 |
| Plexus Common Utilities           | 1.5.7        | Apache License 2.0 |
| Google Protobuf                   | 2.6.1        | BSD 3 Clause       |

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| Quartz                                   | 2.2.1   | Apache License 2.0 |
| Google Reflections                       | 0.9.11  | WTFPL              |
| Scala-library 2.11                       | 2.11.8  | BSD 3-Clause       |
| scala-logging                            | 3.7.2   | Apache License 2.0 |
| scala-library                            | 2.11.8  | BSD 3-Clause       |
| Shiro Core                               | 1.4.0   | Apache License 2.0 |
| Shiro Web                                | 1.4.0   | Apache License 2.0 |
| Slf4j                                    | 1.7.16  | MIT                |
| smbj - SMB2/SMB3 client library for Java | 0.7.0   | Apache License 2.0 |
| SnakeYaml                                | 1.18    | Apache License 2.0 |
| Snappy                                   | 1.0.5   | Apache License 2.0 |
| snmp4j                                   | 2.5.8   | Apache License 2.0 |
| Swagger Annotations                      | 2.0.2   | Apache License 2.0 |
| Swagger Core                             | 2.0.2   | Apache License 2.0 |
| Swagger Integration                      | 2.0.2   | Apache License 2.0 |

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| Swagger Jaxrs2                    | 2.0.2     | Apache License 2.0 |
| Swagger Models                    | 2.0.2     | Apache License 2.0 |
| Swagger Code Gen                  | 3.0.0-rc1 | Apache License 2.0 |
| Swagger Code Generators           | 1.0.0-rc1 | Apache License 2.0 |
| Swagger Jersey Jaxrs              | 1.5.9     | Apache License 2.0 |
| Swagger UI                        | 3.18.2    | Apache License 2.0 |
| syslog4j                          | 0.9.46    | LGPL 2.1           |
| Tomcat Catalina                   | 9.0.10    | Apache License 2.0 |
| Tomcat Catalina Ant               | 9.0.10    | Apache License 2.0 |
| Tomcat Catalina Jmx               | 9.0.10    | Apache License 2.0 |
| Tomcat Catalina Ha                | 9.0.10    | Apache License 2.0 |
| Tomcat Coyote                     | 9.0.10    | Apache License 2.0 |
| Tomcat Dbcp                       | 9.0.10    | Apache License 2.0 |
| Tomcat I18n                       | 9.0.10    | Apache License 2.0 |
| Tomcat Jasper                     | 9.0.10    | Apache License 2.0 |

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| Tomcat Jdbc                       | 9.0.10      | Apache License 2.0 |
| Tomcat Jsp                        | 9.0.10      | Apache License 2.0 |
| Tomcat Servlet                    | 9.0.10      | Apache License 2.0 |
| Bean Validation API               | 1.1.0.final | Apache License 2.0 |
| Velocity                          | 1.7         | Apache License 2.0 |
| Xerces                            | 2.10.0      | Apache License 2.0 |
| XZ for Java                       | 1.8         | Public Domain      |
| Zookeeper                         | 3.4.12      | Apache License 2.0 |
| Yammer Metrics                    | 2.2.0       | Apache License 2.0 |
| ZkClient                          | 0.5         | Apache License 2.0 |
| Cassandra Bin                     | 3.0.9       | Apache License 2.0 |
| Marathon                          | 1.1.1       | Apache License 2.0 |
| Kafka No Link                     | 1.1.0       | Apache License 2.0 |
| Logstash                          | 5.3.1       | Apache License 2.0 |
| Elastic Search No Link            | 5.3.1       | Apache License 2.0 |

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| Kibana                            | 5.3.1   | Apache License 2.0 |
| Chronos                           | 2.5.0   | Apache License 2.0 |
| Entypo                            | 2.0.0   | CC BY-SA 4.0       |
| jQuery                            | 3.1.1   | MIT License        |
| AngularJS                         | 1.6.1   | MIT License        |
| Bootstrap                         | 3.3.1   | MIT License        |
| UI Bootstrap                      | 2.4.0   | MIT License        |
| UI Router                         | 0.4.2   | MIT License        |
| Angular Breadcrumb                | 0.4.1   | MIT License        |
| Smart Table                       | 2.1.4   | MIT License        |
| Angular Notify                    | 2.5.1   | MIT License        |
| Angular Loading Bar               | 0.7.1   | MIT License        |
| angular-xeditable                 | 0.1.8   | MIT License        |
| Angular Scheduler                 | 0.0.0   | MIT License        |
| angular-drag-and-drop-lists       | 1.3.0   | MIT License        |



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| Blob.js                              | 0.0.0        | MIT License                |
| FileSaver.js                         | 1.1.20151003 | MIT License                |
| CodeMirror                           | 5.5.0        | MIT License                |
| jsondiffpatch                        | 0.1.38       | MIT License                |
| Angular Sticky                       | 1.8.6        | MIT License                |
| ng-file-upload                       | 7.0.16       | MIT License                |
| AngularJs MultiSelect                | 4.0.0        | MIT License                |
| Bootstrap Switch                     | 3.3.2*       | MIT License                |
| angular-bootstrap-switch             | 0.4.1        | Apache License Version 2.0 |
| AngularJS Vertilize Directive        | 1.0.1        | MIT License                |
| AngularJS Pageslide directive        | 0.0.0        | MIT License                |
| AngularJS PerfectScrollbar directive | 0.1.0        | MIT License                |
| perfect-scrollbar                    | 1.3.0        | MIT License                |
| Angular UI Tree                      | 2.10.0       | MIT License                |
| angular-progress-button-styles       | 0.0.0        | MIT License                |

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| angular-confirm                   | 1.2.2   | Apache License Version 2.0 |
| lodash                            | 4.17.5  | MIT License                |
| Angular-Wizard                    | 0.5.5   | MIT License                |
| Angular loading overlay           | 0.0.0   | Apache License Version 2.0 |
| angular-shiro                     | 0.1.3*  | MIT License                |
| angular-autodisable               | 0.0.0   | MIT License                |
| jQuery Mouse Wheel Plugin         | 3.1.13  | MIT License                |
| mCustomScrollbar                  | 3.1.4   | MIT License                |
| ng-scrollbars                     | 0.0.9   | MIT License                |
| Angular Utilities                 | 0.0.0   | MIT License                |
| Bootstrap-UI/datetime-picker      | 2.2.0   | MIT License                |
| D3                                | 3.5.17  | BSD 3-Clause License       |
| NVD3                              | 1.8.6   | Apache License Version 2.0 |
| Angular nvD3                      | 1.0.9   | MIT License                |
| Marked                            | 0.3.6   | MIT License                |

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| Angular Marked                    | 1.2.2   | MIT License        |
| angularjs-slider                  | 6.1.1   | MIT License        |
| ng-csv                            | 0.3.6   | MIT License        |
| clipboard.js                      | 1.6.1   | MIT License        |
| ngclipboard                       | 1.1.1   | MIT License        |
| Open Sans Font                    | 1.0.0   | Apache License 2.0 |
| AngularJS Cookies                 | 1.6.1   | MIT License        |
| lodash                            | 4.17.4  | MIT License        |
| ace                               | 2.07.17 | BSD                |
| ui-ace                            | 0.2.3   | MIT License        |
| ui-mask                           | 1.8.7   | MIT License        |
| Masonry                           | 4.2.0   | MIT License        |
| material-steppers                 | 2.0.0   | MIT License        |
| Chart.js                          | 2.7.3   | MIT License        |
| angular-chart                     | 1.1.0*  | BSD                |

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|--|----------------|--------------------|
| chartjs-plugin-annotation                | 0.5.7          | MIT License        |
| chartjs-plugin-datalabels                | 0.2.0          | MIT License        |
| chartjs-plugin-downsample                | 1.0.2*         | MIT License        |
| angular-gridster2                        | 4.7.1          | MIT License        |
| angular-material-badge                   | 1.0.0          | MIT License        |
| angular-click-outside                    | 1.0.0          | MIT License        |
| Material Design for AngularJS Apps       | 1.1.5          | MIT License        |
| Funnies                                  | 1.2.0*         | MIT License        |
| Moment.js                                | 2.21.0*        | MIT License        |
| Bootstrap (For Documentation)            | 3.0.0          | Apache License 2.0 |
| aajohan-comfortaa-fonts                  | 3.001          | OFL                |
| acl                                      | 2.2.53         | GPLv2+             |
| apache-commons-collections               | 3.2.2          | ASL 2.0            |
| apache-commons-daemon                    | 1.0.15         | ASL 2.0            |
| apache-commons-dbcp                      | 1.4            | ASL 2.0            |

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| apache-commons-pool               | 1.6       | ASL 2.0  |
| apr                               | 1.6.3     | ASL 2.0 and BSD with advertising and ISC and BSD |
| audit-libs                        | 2.8.4     | LGPLv2+  |
| avahi-libs                        | 0.7       | LGPLv2+  |
| basesystem                        | 11        | Public Domain                                    |
| bash                              | 4.4.23    | GPLv3+   |
| bzip2-libs                        | 1.0.6     | BSD  |
| ca-certificates                   | 2018.2.26 | Public Domain                                    |
| chkconfig                         | 1.1       | GPLv2  |
| copy-jdk-configs                  | 3.7       | BSD  |
| coreutils                         | 8.29      | GPLv3+   |
| coreutils-common                  | 8.29      | GPLv3+   |
| cracklib                          | 2.9.6     | LGPLv2+  |
| crypto-policies                   | 2E+07     | LGPLv2+  |
| cryptsetup-libs                   | 2.0.6     | GPLv2+ and LGPLv2+                               |

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| cups-libs                         | 2.2.6    | LGPLv2 and zlib            |
| curl                              | 7.59.0   | MIT                        |
| cyrus-sasl-lib                    | 2.1.27   | BSD with advertising       |
| dbus                              | 1.12.10  | (GPLv2+ or AFL) and GPLv2+ |
| dbus-libs                         | 1.12.10  | (GPLv2+ or AFL) and GPLv2+ |
| device-mapper                     | 1.02.146 | GPLv2                      |
| device-mapper-libs                | 1.02.146 | LGPLv2                     |
| ecj                               | 4.7.3a   | EPL                        |
| elfutils-default-yama-scope       | 0.174    | GPLv2+ or LGPLv3+          |
| elfutils-libelf                   | 0.174    | GPLv2+ or LGPLv3+          |
| elfutils-libs                     | 0.174    | GPLv2+ or LGPLv3+          |
| expat                             | 2.2.5    | MIT                        |
| fedora-gpg-keys                   | 28       | MIT                        |
| fedora-release                    | 28       | MIT                        |
| fedora-repos                      | 28       | MIT                        |

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| filesystem                        | 3.8     | Public Domain  |
| findutils                         | 4.6.0   | GPLv3+   |
| fontconfig                        | 2.13.0  | MIT and Public Domain and UCD  |
| fontpackages-filesystem           | 1.44    | Public Domain  |
| freetype                          | 2.8     | (FTL or GPLv2+) and BSD and MIT and Public Domain and zlib with acknowledgement  |
| gawk                              | 4.2.1   | GPLv3+ and GPLv2+ and LGPLv2+ and BSD  |
| gdbm                              | 1.14.1  | GPLv3+   |
| gdbm-libs                         | 1.14.1  | GPLv3+   |
| glibc                             | 2.27    | LGPLv2+ and LGPLv2+ with exceptions and GPLv2+ and GPLv2+ with exceptions and BSD and Inner-Net and ISC and Public Domain and GFDL |
| glibc-all-langpacks               | 2.27    | LGPLv2+ and LGPLv2+ with exceptions and GPLv2+ and GPLv2+ with exceptions and BSD and Inner-Net and ISC and Public Domain and GFDL |
| glibc-common                      | 2.27    | LGPLv2+ and LGPLv2+ with exceptions and GPLv2+ and GPLv2+ with exceptions and BSD and Inner-Net and ISC and Public Domain and GFDL |
| gmp                               | 6.1.2   | LGPLv3+ or GPLv2+  |
| gnutls                            | 3.6.5   | GPLv3+ and LGPLv2+   |
| gpm-libs                          | 1.20.7  | GPLv2 and GPLv2+ with exceptions and GPLv3+ and Verbatim and Copyright only  |

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| grep                              | 3.1               | GPLv3+   |
| gzip                              | 1.9               | GPLv3+ and GFDL  |
| info                              | 6.5               | GPLv3+   |
| iptables-libs                     | 1.6.2             | GPLv2 and Artistic Licence 2.0 and ISC   |
| jaeger                            | 1.5.0             | ASL 2.0  |
| java-11-openjdk                   | 11.0.1.13         | ASL 1.1 and ASL 2.0 and BSD and BSD with advertising and GPL+ and GPLv2 and GPLv2 with exceptions and IJG and LGPLv2+ and MIT and MPLv2.0 and Public Domain and W3C and zlib and ISC and FTL and RSA |
| java-11-openjdk-devel             | 11.0.1.13         | ASL 1.1 and ASL 2.0 and BSD and BSD with advertising and GPL+ and GPLv2 and GPLv2 with exceptions and IJG and LGPLv2+ and MIT and MPLv2.0 and Public Domain and W3C and zlib and ISC and FTL and RSA |
| java-11-openjdk-headless          | 11.0.1.13         | ASL 1.1 and ASL 2.0 and BSD and BSD with advertising and GPL+ and GPLv2 and GPLv2 with exceptions and IJG and LGPLv2+ and MIT and MPLv2.0 and Public Domain and W3C and zlib and ISC and FTL and RSA |
| java-1.8.0-openjdk-headless       | 1.8.0.191.b1<br>3 | ASL 1.1 and ASL 2.0 and BSD and BSD with advertising and GPL+ and GPLv2 and GPLv2 with exceptions and IJG and LGPLv2+ and MIT and MPLv2.0 and Public Domain and W3C and zlib                         |
| javapackages-tools                | 5.0.0             | BSD  |
| json-c                            | 0.13.1            | MIT  |
| keyutils-libs                     | 1.5.10            | GPLv2+ and LGPLv2+   |
| kmod-libs                         | 25                | LGPLv2+  |



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| krb5-libs                         | 1.16.1  | MIT                          |
| less                              | 530     | GPLv3+ or BSD                |
| libacl                            | 2.2.53  | LGPLv2+                      |
| libarchive                        | 3.3.3   | BSD                          |
| libargon2                         | 2E+07   | Public Domain or ASL 2.0     |
| libattr                           | 2.4.48  | LGPLv2+                      |
| libblkid                          | 2.32.1  | LGPLv2+                      |
| libcap                            | 2.25    | GPLv2                        |
| libcap-ng                         | 0.7.9   | LGPLv2+                      |
| libcom_err                        | 1.44.2  | MIT                          |
| libcurl                           | 7.59.0  | MIT                          |
| libdb                             | 5.3.28  | BSD and LGPLv2 and Sleepycat |
| libdb-utils                       | 5.3.28  | BSD and LGPLv2 and Sleepycat |
| libfdisk                          | 2.32.1  | LGPLv2+                      |
| libffi                            | 3.1     | BSD                          |

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| libfontenc                        | 1.1.3   | MIT  |
| libgcc                            | 8.2.1   | GPLv3+ and GPLv3+ with exceptions and GPLv2+ with exceptions and LGPLv2+ and BSD |
| libgcrypt                         | 1.8.4   | LGPLv2+  |
| libgpg-error                      | 1.33    | LGPLv2+  |
| libidn2                           | 2.0.5   | (GPLv2+ or LGPLv3+) and GPLv3+   |
| libjpeg-turbo                     | 1.5.3   | IJG  |
| libmetalink                       | 0.1.3   | MIT  |
| libmount                          | 2.32.1  | LGPLv2+  |
| libnghttp2                        | 1.32.1  | MIT  |
| libnsl2                           | 1.2.0   | BSD and LGPLv2+  |
| libpcap                           | 1.9.0   | BSD with advertising   |
| libpkgconf                        | 1.4.2   | ISC  |
| libpng                            | 1.6.34  | zlib   |
| libpsl                            | 0.20.2  | MIT  |
| libpwquality                      | 1.4.0   | BSD or GPLv2+  |

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|--|----------------|--|
| libseccomp                               | 2.3.3          | LGPLv2   |
| libselinux                               | 2.8            | Public Domain  |
| libsemanage                              | 2.8            | LGPLv2+  |
| libsepol                                 | 2.8            | LGPLv2+  |
| libsigsegv                               | 2.11           | GPLv2+   |
| libsmartcols                             | 2.32.1         | LGPLv2+  |
| libssh                                   | 0.8.6          | LGPLv2+  |
| libstdc++                                | 8.2.1          | GPLv3+ and GPLv3+ with exceptions and GPLv2+ with exceptions and LGPLv2+ and BSD |
| libtasn1                                 | 4.13           | GPLv3+ and LGPLv2+   |
| libtirpc                                 | 1.0.3          | SISSL and BSD  |
| libunistring                             | 0.9.10         | GPLV2+ or LGPLv3+  |
| libutempter                              | 1.1.6          | LGPLv2+  |
| libuuid                                  | 2.32.1         | BSD  |
| libverto                                 | 0.3.0          | MIT  |
| libxcrypt                                | 4.4.3          | LGPLv2+ and BSD and Public Domain  |

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| libxml2                           | 2.9.8   | MIT                                 |
| libzstd                           | 1.3.8   | BSD and GPLv2                       |
| lksctp-tools                      | 1.0.16  | GPLv2 and GPLv2+ and LGPLv2 and MIT |
| lua                               | 5.3.4   | MIT                                 |
| lua-libs                          | 5.3.4   | MIT                                 |
| lua-posix                         | 33.3.1  | Public Domain                       |
| lz4-libs                          | 1.8.1.2 | GPLv2+ and BSD                      |
| mpfr                              | 3.1.6   | LGPLv3+ and GPLv3+ and GFDL         |
| ncurses                           | 6.1     | MIT                                 |
| ncurses-base                      | 6.1     | MIT                                 |
| ncurses-libs                      | 6.1     | MIT                                 |
| nettle                            | 3.4.1   | LGPLv3+ or GPLv2+                   |
| nspr                              | 4.20.0  | MPLv2.0                             |
| nss                               | 3.41.0  | MPLv2.0                             |
| nss-softokn                       | 3.41.0  | MPLv2.0                             |

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| nss-sysinit                       | 3.41.0  | MPLv2.0  |
| nss-util                          | 3.41.0  | MPLv2.0  |
| openldap                          | 2.4.46  | OpenLDAP   |
| openssl-libs                      | 1.1.0i  | OpenSSL  |
| p11-kit                           | 0.23.14 | BSD  |
| p11-kit-trust                     | 0.23.14 | BSD  |
| pam                               | 1.3.1   | BSD and GPLv2+                                   |
| pcre2                             | 10.32   | BSD  |
| pcre                              | 8.42    | BSD  |
| pkgconf                           | 1.4.2   | ISC  |
| pkgconf-m4                        | 1.4.2   | GPLv2+ with exceptions                           |
| pkgconf-pkg-config                | 1.4.2   | ISC  |
| popt                              | 1.16    | MIT  |
| procps-ng                         | 3.3.12  | GPL+ and GPLv2 and GPLv2+ and GPLv3+ and LGPLv2+ |

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| publicsuffix-list-dafsa           | 2E+07    | MPLv2.0                            |
| python2                           | 2.7.15   | Python                             |
| python2-libs                      | 2.7.15   | Python                             |
| python2-pip                       | 9.0.3    | MIT                                |
| python2-setuptools                | 39.2.0   | MIT                                |
| python3                           | 3.6.8    | Python                             |
| python3-libs                      | 3.6.8    | Python                             |
| python3-pip                       | 9.0.3    | MIT                                |
| python3-setuptools                | 39.2.0   | MIT                                |
| qrencode-libs                     | 3.4.4    | LGPLv2+                            |
| readline                          | 7        | GPLv3+                             |
| rpm                               | 4.14.2.1 | GPLv2+                             |
| rpm-libs                          | 4.14.2.1 | GPLv2+ and LGPLv2+ with exceptions |
| rpm-plugin-selinux                | 4.14.2.1 | GPLv2+                             |

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| systemd-libs                      | 238     | LGPLv2+ and MIT            |
| systemd-pam                       | 238     | LGPLv2+ and MIT and GPLv2+ |
| tomcat                            | 8.5.32  | ASL 2.0                    |
| tomcat-el-3.0-api                 | 8.5.32  | ASL 2.0                    |
| tomcat-jsp-2.3-api                | 8.5.32  | ASL 2.0                    |
| tomcat-lib                        | 8.5.32  | ASL 2.0                    |
| tomcat-native                     | 1.2.17  | ASL 2.0                    |
| tomcat-servlet-3.1-api            | 8.5.32  | ASL 2.0                    |
| ttmkfdir                          | 3.0.9   | LGPLv2+                    |
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| xorg-x11-fonts-Type1                                  | 7.5      | MIT and Lucida and Public Domain   |
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| @webassemblyjs/ast                       | 1.7.11  | MIT     |
| @webassemblyjs/floating-point-hex-parser | 1.7.11  | MIT     |
| @webassemblyjs/helper-api-error          | 1.7.11  | MIT     |
| @webassemblyjs/helper-buffer             | 1.7.11  | MIT     |
| @webassemblyjs/helper-code-frame         | 1.7.11  | MIT     |
| @webassemblyjs/helper-fsm                | 1.7.11  | ISC     |
| @webassemblyjs/helper-module-context     | 1.7.11  | MIT     |
| @webassemblyjs/helper-wasm-bytecode      | 1.7.11  | MIT     |
| @webassemblyjs/helper-wasm-section       | 1.7.11  | MIT     |
| @webassemblyjs/ieee754                   | 1.7.11  | MIT     |
| @webassemblyjs/leb128                    | 1.7.11  | MIT     |
| @webassemblyjs/utf8                      | 1.7.11  | MIT     |
| @webassemblyjs/wasm-edit                 | 1.7.11  | MIT     |
| @webassemblyjs/wasm-gen                  | 1.7.11  | MIT     |
| @webassemblyjs/wasm-opt                  | 1.7.11  | MIT     |

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| @webassemblyjs/wasm-parser        | 1.7.11  | MIT                 |
| @webassemblyjs/wast-parser        | 1.7.11  | MIT                 |
| @webassemblyjs/wast-printer       | 1.7.11  | MIT                 |
| @xtuc/ieee754                     | 1.2.0   | BSD-3-Clause        |
| @xtuc/long                        | 4.2.1   | Apache-2.0          |
| @yarnpkg/lockfile                 | 1.1.0   | BSD-2-Clause        |
| JSONStream                        | 1.3.5   | (MIT OR Apache-2.0) |
| abbrev                            | 1.0.9   | ISC                 |
| accepts                           | 1.3.5   | MIT                 |
| acorn                             | 5.7.3   | MIT                 |
| acorn-dynamic-import              | 3.0.0   | MIT                 |
| adm-zip                           | 0.4.11  | MIT                 |
| after                             | 0.8.2   | MIT                 |
| agent-base                        | 4.2.1   | MIT                 |
| agentkeepalive                    | 3.5.2   | MIT                 |



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|-----------------------------------|---------|---------------------|
| ajv                               | 6.5.3   | MIT                 |
| ajv-errors                        | 1.0.1   | MIT                 |
| ajv-keywords                      | 3.3.0   | MIT                 |
| amdefine                          | 1.0.1   | BSD-3-Clause OR MIT |
| ansi-colors                       | 3.2.3   | MIT                 |
| ansi-escapes                      | 3.2.0   | MIT                 |
| ansi-html                         | 0.0.7   | Apache-2.0          |
| ansi-regex                        | 2.1.1   | MIT                 |
| ansi-styles                       | 3.2.1   | MIT                 |
| anymatch                          | 2.0.0   | ISC                 |
| app-root-path                     | 2.1.0   | MIT                 |
| append-transform                  | 1.0.0   | MIT                 |
| aproba                            | 1.2.0   | ISC                 |
| are-we-there-yet                  | 1.1.5   | ISC                 |
| argparse                          | 1.0.10  | MIT                 |

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|--|----------------|----------------|
| arr-diff                                 | 4.0.0          | MIT            |
| arr-flatten                              | 1.1.0          | MIT            |
| arr-union                                | 3.1.0          | MIT            |
| array-find-index                         | 1.0.2          | MIT            |
| array-flatten                            | 2.1.2          | MIT            |
| array-slice                              | 0.2.3          | MIT            |
| array-union                              | 1.0.2          | MIT            |
| array-uniq                               | 1.0.3          | MIT            |
| array-unique                             | 0.3.2          | MIT            |
| arraybuffer.slice                        | 0.0.7          | MIT            |
| arrify                                   | 1.0.1          | MIT            |
| asap                                     | 2.0.6          | MIT            |
| asn1                                     | 0.2.4          | MIT            |
| asn1.js                                  | 4.10.1         | MIT            |
| assert                                   | 1.4.1          | MIT            |

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|-----------------------------------|---------|---------------------|
| assert-plus                       | 1.0.0   | MIT                 |
| assign-symbols                    | 1.0.0   | MIT                 |
| async                             | 1.5.2   | MIT                 |
| async-each                        | 1.0.1   | MIT                 |
| async-foreach                     | 0.1.3   | MIT, 2011           |
| async-limiter                     | 1.0.0   | MIT                 |
| asynckit                          | 0.4.0   | MIT                 |
| atob                              | 2.1.2   | (MIT OR Apache-2.0) |
| autoprefixer                      | 9.4.3   | MIT                 |
| aws-sign2                         | 0.7.0   | Apache-2.0          |
| aws4                              | 1.8.0   | MIT                 |
| babel-code-frame                  | 6.26.0  | MIT                 |
| babel-generator                   | 6.26.1  | MIT                 |
| babel-messages                    | 6.23.0  | MIT                 |
| babel-runtime                     | 6.26.0  | MIT                 |

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|-----------------------------------|---------|--------------|
| babel-template                    | 6.26.0  | MIT          |
| babel-traverse                    | 6.26.0  | MIT          |
| babel-types                       | 6.26.0  | MIT          |
| babylon                           | 6.18.0  | MIT          |
| backo2                            | 1.0.2   | MIT          |
| balanced-match                    | 1.0.0   | MIT          |
| base                              | 0.11.2  | MIT          |
| base64-arraybuffer                | 0.1.5   | MIT, 2012    |
| base64-js                         | 1.3.0   | MIT          |
| base64id                          | 1.0.0   | MIT          |
| batch                             | 0.6.1   | MIT          |
| bcrypt-pbkdf                      | 1.0.2   | BSD-3-Clause |
| better-assert                     | 1.0.2   | MIT, 2012    |
| big.js                            | 3.2.0   | MIT          |
| binary-extensions                 | 1.12.0  | MIT          |

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| blob                                     | 0.0.4          | MIT            |
| block-stream                             | 0.0.9          | ISC            |
| blocking-proxy                           | 1.0.1          | MIT            |
| bluebird                                 | 3.5.2          | MIT            |
| bn.js                                    | 4.11.8         | MIT            |
| body-parser                              | 1.18.3         | MIT            |
| bonjour                                  | 3.5.0          | MIT            |
| brace-expansion                          | 1.1.11         | MIT            |
| braces                                   | 2.3.2          | MIT            |
| brorand                                  | 1.1.0          | MIT            |
| browserify-aes                           | 1.2.0          | MIT            |
| browserify-cipher                        | 1.0.1          | MIT            |
| browserify-des                           | 1.0.2          | MIT            |
| browserify-rsa                           | 4.0.1          | MIT            |
| browserify-sign                          | 4.0.4          | ISC            |

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|-----------------------------------|---------|---------|
| browserify-zlib                   | 0.2.0   | MIT     |
| browserslist                      | 4.4.1   | MIT     |
| browserstack                      | 1.5.1   | MIT     |
| buffer                            | 4.9.1   | MIT     |
| buffer-alloc                      | 1.2.0   | MIT     |
| buffer-alloc-unsafe               | 1.1.0   | MIT     |
| buffer-fill                       | 1.0.0   | MIT     |
| buffer-from                       | 1.1.1   | MIT     |
| buffer-indexof                    | 1.1.1   | MIT     |
| buffer-xor                        | 1.0.3   | MIT     |
| builtin-modules                   | 1.1.1   | MIT     |
| builtin-status-codes              | 3.0.0   | MIT     |
| builtins                          | 1.0.3   | MIT     |
| bytes                             | 3.0.0   | MIT     |
| cacache                           | 10.0.4  | ISC     |

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| cache-base                        | 1.0.1            | MIT        |
| callsite                          | 1.0.0            | MIT        |
| camelcase                         | 2.1.1            | MIT        |
| camelcase-keys                    | 2.1.0            | MIT        |
| caniuse-lite                      | 1.0.3000093<br>2 | CC-BY-4.0  |
| canonical-path                    | 0.0.2            | MIT        |
| caseless                          | 0.12.0           | Apache-2.0 |
| chalk                             | 2.4.1            | MIT        |
| chardet                           | 0.7.0            | MIT        |
| chart.js                          | 2.7.3            | MIT        |
| chartjs-color                     | 2.2.0            | MIT        |
| chartjs-color-string              | 0.5.0            | MIT        |
| chokidar                          | 2.0.4            | MIT        |
| chownr                            | 1.1.1            | ISC        |
| chrome-trace-event                | 1.0.0            | MIT        |

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| cipher-base                              | 1.0.4          | MIT            |
| circular-dependency-plugin               | 5.0.2          | ISC            |
| circular-json                            | 0.5.9          | MIT            |
| class-utils                              | 0.3.6          | MIT            |
| clean-css                                | 4.2.1          | MIT            |
| cli-cursor                               | 2.1.0          | MIT            |
| cli-width                                | 2.2.0          | ISC            |
| cliui                                    | 3.2.0          | ISC            |
| clone                                    | 2.1.2          | MIT            |
| clone-deep                               | 2.0.2          | MIT            |
| co                                       | 4.6.0          | MIT            |
| code-point-at                            | 1.1.0          | MIT            |
| codelyzer                                | 4.5.0          | MIT            |
| collection-visit                         | 1.0.0          | MIT            |
| color-convert                            | 1.9.3          | MIT            |



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|-----------------------------------|---------|----------|
| color-name                        | 1.1.3   | MIT      |
| colors                            | 1.1.2   | MIT      |
| combine-lists                     | 1.0.1   | MIT      |
| combined-stream                   | 1.0.7   | MIT      |
| commander                         | 2.17.1  | MIT      |
| comondir                          | 1.0.1   | MIT      |
| compare-versions                  | 3.4.0   | MIT      |
| component-bind                    | 1.0.0   | MIT,2012 |
| component-emitter                 | 1.2.1   | MIT      |
| component-inherit                 | 0.0.3   | MIT,2013 |
| compressible                      | 2.0.15  | MIT      |
| compression                       | 1.7.3   | MIT      |
| concat-map                        | 0.0.1   | MIT      |
| concat-stream                     | 1.6.2   | MIT      |
| connect                           | 3.6.6   | MIT      |

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| connect-history-api-fallback             | 1.6.0          | MIT            |
| console-browserify                       | 1.1.0          | MIT, 2012      |
| console-control-strings                  | 1.1.0          | ISC            |
| constants-browserify                     | 1.0.0          | MIT            |
| content-disposition                      | 0.5.2          | MIT            |
| content-type                             | 1.0.4          | MIT            |
| convert-source-map                       | 1.6.0          | MIT            |
| cookie                                   | 0.3.1          | MIT            |
| cookie-signature                         | 1.0.6          | MIT            |
| copy-concurrently                        | 1.0.5          | ISC            |
| copy-descriptor                          | 0.1.1          | MIT            |
| copy-webpack-plugin                      | 4.6.0          | MIT            |
| core-js                                  | 2.6.3          | MIT            |
| core-util-is                             | 1.0.2          | MIT            |
| cosmiconfig                              | 4.0.0          | MIT            |

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|-----------------------------------|---------|-----------|
| create-ecdh                       | 4.0.3   | MIT       |
| create-hash                       | 1.2.0   | MIT       |
| create-hmac                       | 1.1.7   | MIT       |
| cross-spawn                       | 3.0.1   | MIT       |
| crypto-browserify                 | 3.12.0  | MIT       |
| css-parse                         | 1.7.0   | MIT       |
| css-selector-tokenizer            | 0.7.1   | MIT       |
| cssauron                          | 1.4.0   | MIT       |
| cssesc                            | 0.1.0   | MIT       |
| currently-unhandled               | 0.4.1   | MIT       |
| custom-event                      | 1.0.1   | MIT       |
| cyclist                           | 0.2.2   | MIT       |
| dashdash                          | 1.14.1  | MIT       |
| date-format                       | 1.2.0   | MIT       |
| date-now                          | 0.1.4   | MIT, 2012 |

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|-----------------------------------|---------|--------------|
| debug                             | 2.6.9   | MIT          |
| decamelize                        | 1.2.0   | MIT          |
| decode-uri-component              | 0.2.0   | MIT          |
| deep-equal                        | 1.0.1   | MIT          |
| deep-is                           | 0.1.3   | MIT          |
| default-gateway                   | 2.7.2   | BSD-2-Clause |
| default-require-extensions        | 2.0.0   | MIT          |
| define-property                   | 2.0.2   | MIT          |
| del                               | 3.0.0   | MIT          |
| delayed-stream                    | 1.0.0   | MIT          |
| delegates                         | 1.0.0   | MIT          |
| depd                              | 1.1.2   | MIT          |
| dependency-graph                  | 0.7.2   | MIT          |
| des.js                            | 1.0.0   | MIT          |
| destroy                           | 1.0.4   | MIT          |

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|--|----------------|----------------|
| detect-indent                            | 4.0.0          | MIT            |
| detect-node                              | 2.0.4          | ISC            |
| di                                       | 0.0.1          | MIT            |
| diff                                     | 3.5.0          | BSD-3-Clause   |
| diffie-hellman                           | 5.0.3          | MIT            |
| dir-glob                                 | 2.2.2          | MIT            |
| dns-equal                                | 1.0.0          | MIT            |
| dns-packet                               | 1.3.1          | MIT            |
| dns-txt                                  | 2.0.2          | MIT            |
| dom-serialize                            | 2.2.1          | MIT            |
| domain-browser                           | 1.2.0          | MIT            |
| duplexify                                | 3.6.1          | MIT            |
| ecc-jsbn                                 | 0.1.2          | MIT            |
| ee-first                                 | 1.1.1          | MIT            |
| electron-to-chromium                     | 1.3.108        | ISC            |

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| elliptic                                 | 6.4.1          | MIT            |
| emojis-list                              | 2.1.0          | MIT            |
| encodeurl                                | 1.0.2          | MIT            |
| encoding                                 | 0.1.12         | MIT            |
| end-of-stream                            | 1.4.1          | MIT            |
| engine.io                                | 3.2.0          | MIT            |
| engine.io-client                         | 3.2.1          | MIT            |
| engine.io-parser                         | 2.1.2          | MIT            |
| enhanced-resolve                         | 4.1.0          | MIT            |
| ent                                      | 2.2.0          | MIT            |
| err-code                                 | 1.1.2          | MIT            |
| errno                                    | 0.1.7          | MIT            |
| error-ex                                 | 1.3.2          | MIT            |
| es6-promise                              | 4.2.5          | MIT            |
| es6-promisify                            | 5.0.0          | MIT            |

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|-----------------------------------|---------|------------------|
| escape-html                       | 1.0.3   | MIT              |
| escape-string-regexp              | 1.0.5   | MIT              |
| escodegen                         | 1.8.1   | BSD-2-Clause     |
| eslint-scope                      | 4.0.0   | BSD-2-Clause     |
| esprima                           | 2.7.3   | BSD-2-Clause     |
| esrecurse                         | 4.2.1   | BSD-2-Clause     |
| estraverse                        | 1.9.3   | BSD-2-Clause     |
| esutils                           | 2.0.2   | No license found |
| etag                              | 1.8.1   | MIT              |
| eventemitter3                     | 3.1.0   | MIT              |
| events                            | 3.0.0   | MIT              |
| eventsource                       | 1.0.7   | MIT              |
| evp_bytestokey                    | 1.0.3   | MIT              |
| execa                             | 0.10.0  | MIT              |
| exit                              | 0.1.2   | MIT,2013         |

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| expand-braces                            | 0.1.2          | MIT            |
| expand-brackets                          | 2.1.4          | MIT            |
| expand-range                             | 1.8.2          | MIT            |
| express                                  | 4.16.4         | MIT            |
| extend                                   | 3.0.2          | MIT            |
| extend-shallow                           | 3.0.2          | MIT            |
| external-editor                          | 3.0.3          | MIT            |
| extglob                                  | 2.0.4          | MIT            |
| extsprintf                               | 1.3.0          | MIT            |
| fast-deep-equal                          | 1.1.0          | MIT            |
| fast-json-stable-stringify               | 2.0.0          | MIT            |
| fast-levenshtein                         | 2.0.6          | MIT            |
| fastparse                                | 1.1.2          | MIT            |
| faye-websocket                           | 0.10.0         | MIT            |
| figgy-pudding                            | 3.5.1          | ISC            |



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|-----------------------------------|---------|------------|
| figures                           | 2.0.0   | MIT        |
| file-loader                       | 2.0.0   | MIT        |
| filename-regex                    | 2.0.1   | MIT        |
| fileset                           | 2.0.3   | MIT        |
| fill-range                        | 4.0.0   | MIT        |
| finalhandler                      | 1.1.1   | MIT        |
| find-cache-dir                    | 1.0.0   | MIT        |
| find-up                           | 2.1.0   | MIT        |
| flush-write-stream                | 1.0.3   | MIT        |
| follow-redirects                  | 1.5.9   | MIT        |
| for-in                            | 1.0.2   | MIT        |
| for-own                           | 1.0.0   | MIT        |
| forever-agent                     | 0.6.1   | Apache-2.0 |
| form-data                         | 2.3.3   | MIT        |
| forwarded                         | 0.1.2   | MIT        |

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|--|----------------|----------------|
| fragment-cache                           | 0.2.1          | MIT            |
| fresh                                    | 0.5.2          | MIT            |
| from2                                    | 2.3.0          | MIT            |
| fs-access                                | 1.0.1          | MIT            |
| fs-minipass                              | 1.2.5          | ISC            |
| fs-write-stream-atomic                   | 1.0.10         | ISC            |
| fs.realpath                              | 1.0.0          | ISC            |
| fsevents                                 | 1.2.4          | MIT            |
| fstream                                  | 1.0.11         | ISC            |
| gauge                                    | 2.7.4          | ISC            |
| gaze                                     | 1.1.3          | MIT            |
| genfun                                   | 5.0.0          | MIT            |
| get-caller-file                          | 1.0.3          | ISC            |
| get-stdin                                | 4.0.1          | MIT            |
| get-stream                               | 3.0.0          | MIT            |

| Name of Product/Product Component | Version | License |
|-----------------------------------|---------|---------|
| get-them-args                     | 1.3.2   | MIT     |
| get-value                         | 2.0.6   | MIT     |
| getpass                           | 0.1.7   | MIT     |
| glob                              | 7.1.3   | ISC     |
| glob-base                         | 0.3.0   | MIT     |
| glob-parent                       | 3.1.0   | ISC     |
| globals                           | 9.18.0  | MIT     |
| globby                            | 7.1.1   | MIT     |
| globule                           | 1.2.1   | MIT     |
| graceful-fs                       | 4.1.11  | ISC     |
| hammerjs                          | 2.0.8   | MIT     |
| handle-thing                      | 2.0.0   | MIT     |
| handlebars                        | 4.0.12  | MIT     |
| har-schema                        | 2.0.0   | ISC     |
| har-validator                     | 5.1.0   | ISC     |

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|-----------------------------------|---------|--------------|
| has-ansi                          | 2.0.0   | MIT          |
| has-binary2                       | 1.0.3   | MIT          |
| has-cors                          | 1.1.0   | MIT          |
| has-flag                          | 3.0.0   | MIT          |
| has-unicode                       | 2.0.1   | ISC          |
| has-value                         | 1.0.0   | MIT          |
| has-values                        | 1.0.0   | MIT          |
| hash-base                         | 3.0.4   | MIT          |
| hash.js                           | 1.1.7   | MIT          |
| hmac-drbg                         | 1.0.1   | MIT          |
| hosted-git-info                   | 2.7.1   | ISC          |
| hpack.js                          | 2.1.6   | MIT          |
| html-entities                     | 1.2.1   | MIT          |
| http-cache-semantics              | 3.8.1   | BSD-2-Clause |
| http-deceiver                     | 1.2.7   | MIT          |

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| http-errors                              | 1.6.3          | MIT            |
| http-parser-js                           | 0.5.0          | MIT            |
| http-proxy                               | 1.17.0         | MIT            |
| http-proxy-agent                         | 2.1.0          | MIT            |
| http-proxy-middleware                    | 0.18.0         | MIT            |
| http-signature                           | 1.2.0          | MIT            |
| https-browserify                         | 1.0.0          | MIT            |
| https-proxy-agent                        | 2.2.1          | MIT            |
| humanize-ms                              | 1.2.1          | MIT            |
| iconv-lite                               | 0.4.23         | MIT            |
| ieee754                                  | 1.1.12         | BSD-3-Clause   |
| iferr                                    | 0.1.5          | MIT            |
| ignore                                   | 3.3.10         | MIT            |
| ignore-walk                              | 3.0.1          | ISC            |
| image-size                               | 0.5.5          | MIT            |

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|-----------------------------------|---------|---------|
| immediate                         | 3.0.6   | MIT     |
| import-cwd                        | 2.1.0   | MIT     |
| import-from                       | 2.1.0   | MIT     |
| import-local                      | 2.0.0   | MIT     |
| imurmurhash                       | 0.1.4   | MIT     |
| in-publish                        | 2.0.0   | ISC     |
| indent-string                     | 2.1.0   | MIT     |
| indexof                           | 0.0.1   | MIT     |
| inflight                          | 1.0.6   | ISC     |
| inherits                          | 2.0.3   | ISC     |
| ini                               | 1.3.5   | ISC     |
| inquirer                          | 6.2.1   | MIT     |
| internal-ip                       | 3.0.1   | MIT     |
| interpret                         | 1.1.0   | MIT     |
| invariant                         | 2.2.4   | MIT     |

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| invert-kv                                | 1.0.0          | MIT            |
| ip                                       | 1.1.5          | MIT            |
| ip-regex                                 | 2.1.0          | MIT            |
| ipaddr.js                                | 1.8.0          | MIT            |
| is-accessor-descriptor                   | 0.1.6          | MIT            |
| is-arrayish                              | 0.2.1          | MIT            |
| is-binary-path                           | 1.0.1          | MIT            |
| is-buffer                                | 1.1.6          | MIT            |
| is-builtin-module                        | 1.0.0          | MIT            |
| is-data-descriptor                       | 0.1.4          | MIT            |
| is-descriptor                            | 0.1.6          | MIT            |
| is-directory                             | 0.3.1          | MIT            |
| is-dotfile                               | 1.0.3          | MIT            |
| is-equal-shallow                         | 0.1.3          | MIT            |
| is-extendable                            | 0.1.1          | MIT            |

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| is-extglob                               | 2.1.1          | MIT            |
| is-finite                                | 1.0.2          | MIT            |
| is-fullwidth-code-point                  | 1.0.0          | MIT            |
| is-glob                                  | 4.0.0          | MIT            |
| is-number                                | 3.0.0          | MIT            |
| is-path-cwd                              | 1.0.0          | MIT            |
| is-path-in-cwd                           | 1.0.1          | MIT            |
| is-path-inside                           | 1.0.1          | MIT            |
| is-plain-object                          | 2.0.4          | MIT            |
| is-posix-bracket                         | 0.1.1          | MIT            |
| is-primitive                             | 2.0.0          | MIT            |
| is-promise                               | 2.1.0          | MIT            |
| is-stream                                | 1.1.0          | MIT            |
| is-typedarray                            | 1.0.0          | MIT            |
| is-utf8                                  | 0.2.1          | MIT            |



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| is-windows                        | 1.0.2   | MIT          |
| is-wsl                            | 1.1.0   | MIT          |
| isarray                           | 1.0.0   | MIT          |
| isbinaryfile                      | 3.0.3   | MIT          |
| isexe                             | 2.0.0   | ISC          |
| isobject                          | 3.0.1   | MIT          |
| isstream                          | 0.1.2   | MIT          |
| istanbul                          | 0.4.5   | BSD-3-Clause |
| istanbul-api                      | 2.0.6   | BSD-3-Clause |
| istanbul-instrumenter-loader      | 3.0.1   | MIT          |
| istanbul-lib-coverage             | 1.2.1   | BSD-3-Clause |
| istanbul-lib-hook                 | 2.0.1   | BSD-3-Clause |
| istanbul-lib-instrument           | 1.10.2  | BSD-3-Clause |
| istanbul-lib-report               | 2.0.2   | BSD-3-Clause |
| istanbul-lib-source-maps          | 2.0.1   | BSD-3-Clause |

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|-----------------------------------|---------|--|
| istanbul-reports                  | 2.0.1   | BSD-3-Clause   |
| jasmine                           | 2.8.0   | MIT  |
| jasmine-core                      | 3.3.0   | MIT  |
| jasmine-spec-reporter             | 4.2.1   | Apache-2.0   |
| jasminewd2                        | 2.2.0   | MIT  |
| js-base64                         | 2.5.1   | BSD-3-Clause   |
| js-tokens                         | 3.0.2   | MIT  |
| js-yaml                           | 3.12.0  | MIT  |
| jsbn                              | 0.1.1   | MIT  |
| jsesc                             | 1.3.0   | MIT  |
| json-parse-better-errors          | 1.0.2   | MIT  |
| json-schema                       | 0.2.3   | Dojo is available under <i>either</i> the terms of the modified BSD license <i>or</i> the Academic Free License version 2.1. As a recipient of Dojo, you may choose which license to receive this code under (except as noted in per-module LICENSE files). Some modules |
| json-schema-traverse              | 0.3.1   | MIT  |
| json-stringify-safe               | 5.0.1   | ISC  |

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|--|----------------|----------------|
| json3                                    | 3.3.2          | ISC            |
| json5                                    | 0.5.1          | MIT            |
| jsonparse                                | 1.3.1          | MIT            |
| jsprim                                   | 1.4.1          | MIT            |
| jszip                                    | 3.1.5          | MIT            |
| karma                                    | 3.1.1          | MIT            |
| karma-chrome-launcher                    | 2.2.0          | MIT            |
| karma-coverage-istanbul-reporter         | 2.0.4          | MIT            |
| karma-jasmine                            | 1.1.2          | MIT            |
| karma-jasmine-html-reporter              | 1.4.0          | MIT            |
| karma-source-map-support                 | 1.3.0          | MIT            |
| kill-port                                | 1.3.2          | MIT            |
| killable                                 | 1.0.1          | ISC            |
| kind-of                                  | 6.0.2          | MIT            |
| lcid                                     | 1.0.0          | MIT            |

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|-----------------------------------|---------|------------|
| less                              | 3.9.0   | Apache-2.0 |
| less-loader                       | 4.1.0   | MIT        |
| levn                              | 0.3.0   | MIT        |
| license-webpack-plugin            | 2.0.4   | ISC        |
| lie                               | 3.1.1   | MIT        |
| load-json-file                    | 1.1.0   | MIT        |
| loader-runner                     | 2.4.0   | MIT        |
| loader-utils                      | 1.1.0   | MIT        |
| locate-path                       | 2.0.0   | MIT        |
| lodash                            | 4.17.11 | MIT        |
| lodash.assign                     | 4.2.0   | MIT        |
| lodash.clonedeep                  | 4.5.0   | MIT        |
| lodash.debounce                   | 4.0.8   | MIT        |
| lodash.mergewith                  | 4.6.1   | MIT        |
| lodash.tail                       | 4.1.1   | MIT        |

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|-----------------------------------|---------|------------|
| log4js                            | 3.0.6   | Apache-2.0 |
| loglevel                          | 1.6.1   | MIT        |
| loose-envify                      | 1.4.0   | MIT        |
| loud-rejection                    | 1.6.0   | MIT        |
| lru-cache                         | 4.1.3   | ISC        |
| magic-string                      | 0.25.1  | MIT        |
| make-dir                          | 1.3.0   | MIT        |
| make-error                        | 1.3.5   | ISC        |
| make-fetch-happen                 | 4.0.1   | ISC        |
| map-age-cleaner                   | 0.1.3   | MIT        |
| map-cache                         | 0.2.2   | MIT        |
| map-obj                           | 1.0.1   | MIT        |
| map-visit                         | 1.0.0   | MIT        |
| math-random                       | 1.0.1   | MIT        |
| md5.js                            | 1.3.5   | MIT        |

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|-----------------------------------|---------|---------|
| media-typer                       | 0.3.0   | MIT     |
| mem                               | 4.0.0   | MIT     |
| memory-fs                         | 0.4.1   | MIT     |
| meow                              | 3.7.0   | MIT     |
| merge-descriptors                 | 1.0.1   | MIT     |
| methods                           | 1.1.2   | MIT     |
| micromatch                        | 3.1.10  | MIT     |
| miller-rabin                      | 4.0.1   | MIT     |
| mime                              | 1.6.0   | MIT     |
| mime-db                           | 1.37.0  | MIT     |
| mime-types                        | 2.1.21  | MIT     |
| mimic-fn                          | 1.2.0   | MIT     |
| mini-css-extract-plugin           | 0.4.4   | MIT     |
| minimalistic-assert               | 1.0.1   | ISC     |
| minimalistic-crypto-utils         | 1.0.1   | MIT     |

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| minimatch                         | 3.0.4   | ISC          |
| minimist                          | 0.0.8   | MIT          |
| minipass                          | 2.3.5   | ISC          |
| minizlib                          | 1.2.1   | MIT          |
| mississippi                       | 2.0.0   | BSD-2-Clause |
| mixin-deep                        | 1.3.1   | MIT          |
| mixin-object                      | 2.0.1   | MIT          |
| mkdirp                            | 0.5.1   | MIT          |
| moment                            | 2.24.0  | MIT          |
| move-concurrently                 | 1.0.1   | ISC          |
| ms                                | 2.0.0   | MIT          |
| multicast-dns                     | 6.2.3   | MIT          |
| multicast-dns-service-types       | 1.1.0   | MIT          |
| mute-stream                       | 0.0.7   | ISC          |
| nan                               | 2.11.1  | MIT          |

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|-----------------------------------|---------|---------------------------|
| nanomatch                         | 1.2.13  | MIT                       |
| negotiator                        | 0.6.1   | MIT                       |
| neo-async                         | 2.6.0   | MIT                       |
| ngx-cookie-service                | 2.1.0   | MIT                       |
| nice-try                          | 1.0.5   | MIT                       |
| node-fetch-npm                    | 2.0.2   | MIT                       |
| node-forge                        | 0.7.5   | (BSD-3-Clause OR GPL-2.0) |
| node-gyp                          | 3.8.0   | MIT                       |
| node-libs-browser                 | 2.2.0   | MIT                       |
| node-releases                     | 1.1.5   | MIT                       |
| node-sass                         | 4.10.0  | MIT                       |
| nopt                              | 3.0.6   | ISC                       |
| normalize-package-data            | 2.4.0   | BSD-2-Clause              |
| normalize-path                    | 2.1.1   | MIT                       |
| normalize-range                   | 0.1.2   | MIT                       |



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|-----------------------------------|---------|------------|
| npm-bundled                       | 1.0.6   | ISC        |
| npm-package-arg                   | 6.1.0   | ISC        |
| npm-packlist                      | 1.3.0   | ISC        |
| npm-pick-manifest                 | 2.2.3   | ISC        |
| npm-registry-fetch                | 3.9.0   | ISC        |
| npm-run-path                      | 2.0.2   | MIT        |
| npmlog                            | 4.1.2   | ISC        |
| null-check                        | 1.0.0   | MIT        |
| num2fraction                      | 1.2.2   | MIT        |
| number-is-nan                     | 1.0.1   | MIT        |
| oauth-sign                        | 0.9.0   | Apache-2.0 |
| object-assign                     | 4.1.1   | MIT        |
| object-component                  | 0.0.3   | MIT, 2013  |
| object-copy                       | 0.1.0   | MIT        |
| object-visit                      | 1.0.1   | MIT        |

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|-----------------------------------|---------|---------|
| object.omit                       | 2.0.1   | MIT     |
| object.pick                       | 1.3.0   | MIT     |
| obuf                              | 1.1.2   | MIT     |
| on-finished                       | 2.3.0   | MIT     |
| on-headers                        | 1.0.1   | MIT     |
| once                              | 1.4.0   | ISC     |
| onetime                           | 2.0.1   | MIT     |
| opn                               | 5.3.0   | MIT     |
| optimist                          | 0.6.1   | MIT/X11 |
| optionator                        | 0.8.2   | MIT     |
| original                          | 1.0.2   | MIT     |
| os-browserify                     | 0.3.0   | MIT     |
| os-homedir                        | 1.0.2   | MIT     |
| os-locale                         | 1.4.0   | MIT     |
| os-tmpdir                         | 1.0.2   | MIT     |

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|-----------------------------------|---------|----------------|
| osenv                             | 0.1.5   | ISC            |
| p-defer                           | 1.0.0   | MIT            |
| p-finally                         | 1.0.0   | MIT            |
| p-is-promise                      | 1.1.0   | MIT            |
| p-limit                           | 1.3.0   | MIT            |
| p-locate                          | 2.0.0   | MIT            |
| p-map                             | 1.2.0   | MIT            |
| p-try                             | 1.0.0   | MIT            |
| pacote                            | 9.4.0   | MIT            |
| pako                              | 1.0.6   | (MIT AND Zlib) |
| parallel-transform                | 1.1.0   | MIT            |
| parse-asn1                        | 5.1.3   | ISC            |
| parse-glob                        | 3.0.4   | MIT            |
| parse-json                        | 2.2.0   | MIT            |
| parse5                            | 4.0.0   | MIT            |

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|-----------------------------------|---------|----------------|
| parseqs                           | 0.0.5   | MIT            |
| parseuri                          | 0.0.5   | MIT            |
| parseurl                          | 1.3.2   | MIT            |
| pascalcase                        | 0.1.1   | MIT            |
| path-browserify                   | 0.0.0   | MIT            |
| path-dirname                      | 1.0.2   | MIT            |
| path-exists                       | 3.0.0   | MIT            |
| path-is-absolute                  | 1.0.1   | MIT            |
| path-is-inside                    | 1.0.2   | (WTFPL OR MIT) |
| path-key                          | 2.0.1   | MIT            |
| path-parse                        | 1.0.6   | MIT            |
| path-to-regexp                    | 0.1.7   | MIT            |
| path-type                         | 3.0.0   | MIT            |
| pbkdf2                            | 3.0.17  | MIT            |
| performance-now                   | 2.1.0   | MIT            |

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|-----------------------------------|---------|--|
| pify                              | 3.0.0   | MIT  |
| pinkie                            | 2.0.4   | MIT  |
| pinkie-promise                    | 2.0.1   | MIT  |
| pkg-dir                           | 2.0.0   | MIT  |
| portfinder                        | 1.0.17  | MIT  |
| posix-character-classes           | 0.1.1   | MIT  |
| postcss                           | 7.0.13  | MIT  |
| postcss-import                    | 12.0.1  | MIT  |
| postcss-load-config               | 2.0.0   | MIT  |
| postcss-loader                    | 3.0.0   | MIT  |
| postcss-value-parser              | 3.3.1   | MIT  |
| prelude-ls                        | 1.1.2   | MIT  |
| preserve                          | 0.2.0   | [type:MIT,<br>url:https://github.com/jonschlinkert/preserve/blob/master/LICENSE-MIT] |
| process                           | 0.11.10 | MIT  |
| process-nextick-args              | 2.0.0   | MIT  |

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|-----------------------------------|---------|---|
| promise                           | 7.3.1   | MIT   |
| promise-inflight                  | 1.0.1   | ISC   |
| promise-retry                     | 1.1.1   | MIT   |
| protoduck                         | 5.0.1   | MIT   |
| protractor                        | 5.4.1   | MIT   |
| proxy-addr                        | 2.0.4   | MIT   |
| prp                               | 1.0.1   | MIT   |
| pseudomap                         | 1.0.2   | ISC   |
| psl                               | 1.1.29  | MIT   |
| public-encrypt                    | 4.0.3   | MIT   |
| pump                              | 2.0.1   | MIT   |
| pumpify                           | 1.5.1   | MIT   |
| punycode                          | 2.1.1   | MIT   |
| q                                 | 1.4.1   | [type:MIT,<br>url:http://github.com/kriskowal/q/raw/master/LICEN<br>SE] |
| qjobs                             | 1.2.0   | MIT   |

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| qs                                | 6.5.2   | BSD-3-Clause |
| querystring                       | 0.2.0   | MIT,2012     |
| querystring-es3                   | 0.2.1   | MIT          |
| querystringify                    | 2.1.0   | MIT          |
| randomatic                        | 3.1.1   | MIT          |
| randombytes                       | 2.0.6   | MIT          |
| randomfill                        | 1.0.4   | MIT          |
| range-parser                      | 1.2.0   | MIT          |
| raw-body                          | 2.3.3   | MIT          |
| raw-loader                        | 0.5.1   | MIT          |
| read-cache                        | 1.0.0   | MIT          |
| read-pkg                          | 1.1.0   | MIT          |
| read-pkg-up                       | 1.0.1   | MIT          |
| readable-stream                   | 2.3.6   | MIT          |
| readdirp                          | 2.2.1   | MIT          |

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|-----------------------------------|---------|------------|
| rechoir                           | 0.6.2   | MIT        |
| redent                            | 1.0.0   | MIT        |
| reflect-metadata                  | 0.1.12  | Apache-2.0 |
| regenerate                        | 1.4.0   | MIT        |
| regenerator-runtime               | 0.11.1  | MIT        |
| regex-cache                       | 0.4.4   | MIT        |
| regex-not                         | 1.0.2   | MIT        |
| regexpu-core                      | 1.0.0   | MIT        |
| regjsgen                          | 0.2.0   | MIT        |
| regjsparser                       | 0.1.5   | BSD        |
| remove-trailing-separator         | 1.1.0   | ISC        |
| repeat-element                    | 1.1.3   | MIT        |
| repeat-string                     | 1.6.1   | MIT        |
| repeating                         | 2.0.1   | MIT        |
| request                           | 2.88.0  | Apache-2.0 |



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|--|----------------|----------------|
| require-directory                        | 2.1.1          | MIT            |
| require-from-string                      | 2.0.2          | MIT            |
| require-main-filename                    | 1.0.1          | ISC            |
| requires-port                            | 1.0.0          | MIT            |
| resolve                                  | 1.1.7          | MIT            |
| resolve-cwd                              | 2.0.0          | MIT            |
| resolve-from                             | 3.0.0          | MIT            |
| resolve-url                              | 0.2.1          | MIT            |
| restore-cursor                           | 2.0.0          | MIT            |
| ret                                      | 0.1.15         | MIT            |
| retry                                    | 0.10.1         | MIT            |
| rfdc                                     | 1.1.2          | MIT            |
| rimraf                                   | 2.6.2          | ISC            |
| ripemd160                                | 2.0.2          | MIT            |
| run-async                                | 2.3.0          | MIT            |

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|-----------------------------------|---------|------------|
| run-queue                         | 1.0.3   | ISC        |
| rxjs                              | 6.4.0   | Apache-2.0 |
| rxjs-compat                       | 6.4.0   | Apache-2.0 |
| safe-buffer                       | 5.1.2   | MIT        |
| safe-regex                        | 1.1.0   | MIT        |
| safer-buffer                      | 2.1.2   | MIT        |
| sass-graph                        | 2.2.4   | MIT        |
| sass-loader                       | 7.1.0   | MIT        |
| saucelabs                         | 1.5.0   | MIT        |
| sax                               | 0.5.8   | BSD        |
| schema-utils                      | 1.0.0   | MIT        |
| scss-tokenizer                    | 0.2.3   | MIT        |
| select-hose                       | 2.0.0   | MIT        |
| selenium-webdriver                | 3.6.0   | Apache-2.0 |
| selfsigned                        | 1.10.4  | MIT        |

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|-----------------------------------|---------|------------------------|
| semver                            | 5.6.0   | ISC                    |
| semver-dsl                        | 1.0.1   | MIT                    |
| semver-intersect                  | 1.4.0   | MIT                    |
| send                              | 0.16.2  | MIT                    |
| serialize-javascript              | 1.6.1   | BSD-3-Clause           |
| serve-index                       | 1.9.1   | MIT                    |
| serve-static                      | 1.13.2  | MIT                    |
| set-blocking                      | 2.0.0   | ISC                    |
| set-value                         | 2.0.0   | MIT                    |
| setimmediate                      | 1.0.5   | MIT                    |
| setprototypeof                    | 1.1.0   | ISC                    |
| sha.js                            | 2.4.11  | (MIT AND BSD-3-Clause) |
| shallow-clone                     | 1.0.0   | MIT                    |
| shebang-command                   | 1.2.0   | MIT                    |
| shebang-regex                     | 1.0.0   | MIT                    |

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|-----------------------------------|---------|--------------|
| shell-exec                        | 1.0.2   | MIT          |
| shelljs                           | 0.8.2   | BSD-3-Clause |
| signal-exit                       | 3.0.2   | ISC          |
| slash                             | 1.0.0   | MIT          |
| smart-buffer                      | 4.0.2   | MIT          |
| snapdragon                        | 0.8.2   | MIT          |
| snapdragon-node                   | 2.1.1   | MIT          |
| snapdragon-util                   | 3.0.1   | MIT          |
| socket.io                         | 2.1.1   | MIT          |
| socket.io-adapter                 | 1.1.1   | MIT          |
| socket.io-client                  | 2.1.1   | MIT          |
| socket.io-parser                  | 3.2.0   | MIT          |
| sockjs                            | 0.3.19  | MIT          |
| sockjs-client                     | 1.3.0   | MIT          |
| socks                             | 2.2.3   | MIT          |

| Name of Product/Product Component | Version | License      |
|-----------------------------------|---------|--------------|
| socks-proxy-agent                 | 4.0.1   | MIT          |
| source-list-map                   | 2.0.1   | MIT          |
| source-map                        | 0.5.7   | BSD-3-Clause |
| source-map-loader                 | 0.2.4   | MIT          |
| source-map-resolve                | 0.5.2   | MIT          |
| source-map-support                | 0.5.9   | MIT          |
| source-map-url                    | 0.4.0   | MIT          |
| sourcemap-codec                   | 1.4.3   | MIT          |
| spdx-correct                      | 3.0.2   | Apache-2.0   |
| spdx-exceptions                   | 2.2.0   | CC-BY-3.0    |
| spdx-expression-parse             | 3.0.0   | MIT          |
| spdx-license-ids                  | 3.0.2   | CC0-1.0      |
| spdy                              | 4.0.0   | MIT          |
| spdy-transport                    | 3.0.0   | MIT          |
| speed-measure-webpack-plugin      | 1.2.5   | MIT          |

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|--|----------------|----------------|
| split-string                             | 3.1.0          | MIT            |
| sprintf-js                               | 1.0.3          | BSD-3-Clause   |
| sshpk                                    | 1.15.1         | MIT            |
| ssri                                     | 5.3.0          | ISC            |
| static-extend                            | 0.1.2          | MIT            |
| stats-webpack-plugin                     | 0.7.0          | MIT            |
| statuses                                 | 1.4.0          | MIT            |
| stdout-stream                            | 1.4.1          | MIT            |
| stream-browserify                        | 2.0.2          | MIT            |
| stream-each                              | 1.2.3          | MIT            |
| stream-http                              | 2.8.3          | MIT            |
| stream-shift                             | 1.0.0          | MIT            |
| streamroller                             | 0.7.0          | MIT            |
| string-width                             | 1.0.2          | MIT            |
| string_decoder                           | 1.1.1          | MIT            |

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|--|----------------|----------------|
| strip-ansi                               | 3.0.1          | MIT            |
| strip-bom                                | 2.0.0          | MIT            |
| strip-eof                                | 1.0.0          | MIT            |
| strip-indent                             | 1.0.1          | MIT            |
| style-loader                             | 0.23.1         | MIT            |
| stylus                                   | 0.54.5         | MIT            |
| stylus-loader                            | 3.0.2          | MIT            |
| supports-color                           | 5.5.0          | MIT            |
| symbol-observable                        | 1.2.0          | MIT            |
| tapable                                  | 1.1.1          | MIT            |
| tar                                      | 2.2.1          | ISC            |
| terser                                   | 3.14.1         | BSD-2-Clause   |
| terser-webpack-plugin                    | 1.2.1          | MIT            |
| through                                  | 2.3.8          | MIT            |
| through2                                 | 2.0.5          | MIT            |

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|-----------------------------------|---------|--------------|
| thunky                            | 1.0.3   | MIT          |
| timers-browserify                 | 2.0.10  | MIT, 2012    |
| tmp                               | 0.0.33  | MIT          |
| to-array                          | 0.1.4   | MIT, 2012    |
| to-arraybuffer                    | 1.0.1   | MIT          |
| to-fast-properties                | 1.0.3   | MIT          |
| to-object-path                    | 0.3.0   | MIT          |
| to-regex                          | 3.0.2   | MIT          |
| to-regex-range                    | 2.1.1   | MIT          |
| tough-cookie                      | 2.4.3   | BSD-3-Clause |
| tree-kill                         | 1.2.0   | MIT          |
| trim-newlines                     | 1.0.0   | MIT          |
| trim-right                        | 1.0.1   | MIT          |
| true-case-path                    | 1.0.3   | Apache-2.0   |
| ts-node                           | 7.0.1   | MIT          |



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|--|----------------|----------------|
| tslib                                    | 1.9.3          | Apache-2.0     |
| tslint                                   | 5.11.0         | Apache-2.0     |
| tsutils                                  | 2.29.0         | MIT            |
| tty-browserify                           | 0.0.0          | MIT            |
| tunnel-agent                             | 0.6.0          | Apache-2.0     |
| tweetnacl                                | 0.14.5         | Unlicense      |
| type-check                               | 0.3.2          | MIT            |
| type-is                                  | 1.6.16         | MIT            |
| typedarray                               | 0.0.6          | MIT            |
| typescript                               | 3.1.6          | Apache-2.0     |
| uglify-js                                | 3.4.9          | BSD-2-Clause   |
| ultron                                   | 1.1.1          | MIT            |
| union-value                              | 1.0.0          | MIT            |
| unique-filename                          | 1.1.1          | ISC            |
| unique-slug                              | 2.0.1          | ISC            |

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| unpipe                            | 1.0.0   | MIT   |
| unset-value                       | 1.0.0   | MIT   |
| upath                             | 1.1.0   | MIT   |
| uri-js                            | 4.2.2   | BSD-2-Clause  |
| urix                              | 0.1.0   | MIT   |
| url                               | 0.11.0  | MIT   |
| url-parse                         | 1.4.4   | MIT   |
| use                               | 3.1.1   | MIT   |
| useragent                         | 2.2.1   | [type:MIT, url:https://github.com/3rd-Eden/useragent/blob/master/LICENSE] |
| util                              | 0.11.1  | MIT   |
| util-deprecate                    | 1.0.2   | MIT   |
| utils-merge                       | 1.0.1   | MIT   |
| uuid                              | 3.3.2   | MIT   |
| validate-npm-package-license      | 3.0.4   | Apache-2.0  |
| validate-npm-package-name         | 3.0.0   | ISC   |

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| vary                              | 1.1.2      | MIT     |
| verror                            | 1.10.0     | MIT     |
| vm-browserify                     | 0.0.4      | MIT     |
| void-elements                     | 2.0.1      | MIT     |
| watchpack                         | 1.6.0      | MIT     |
| wbuf                              | 1.7.3      | MIT     |
| webdriver-js-extender             | 2.1.0      | MIT     |
| webpack                           | 4.28.4     | MIT     |
| webpack-core                      | 0.6.9      | MIT     |
| webpack-dev-middleware            | 3.4.0      | MIT     |
| webpack-dev-server                | 3.1.14     | MIT     |
| webpack-log                       | 2.0.0      | MIT     |
| webpack-merge                     | 4.1.4      | MIT     |
| webpack-sources                   | 1.3.0      | MIT     |
| webpack-subresource-integrity     | 1.1.0-rc.6 | MIT     |

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| websocket-driver                  | 0.7.0   | MIT       |
| websocket-extensions              | 0.1.3   | MIT       |
| when                              | 3.6.4   | MIT       |
| which                             | 1.3.1   | ISC       |
| which-module                      | 1.0.0   | ISC       |
| wide-align                        | 1.1.3   | ISC       |
| wordwrap                          | 1.0.0   | MIT       |
| worker-farm                       | 1.6.0   | MIT       |
| wrap-ansi                         | 2.1.0   | MIT       |
| wrappy                            | 1.0.2   | ISC       |
| ws                                | 3.3.3   | MIT       |
| xml2js                            | 0.4.19  | MIT       |
| xmlbuilder                        | 9.0.7   | MIT       |
| xmlhttprequest-ssl                | 1.5.5   | MIT, 2010 |
| xregexp                           | 4.0.0   | MIT       |

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| xtend                             | 4.0.1   | MIT     |
| y18n                              | 4.0.0   | ISC     |
| yallist                           | 2.1.2   | ISC     |
| yargs                             | 7.1.0   | MIT     |
| yargs-parser                      | 5.0.0   | ISC     |
| yeast                             | 0.1.2   | MIT     |
| yn                                | 2.0.0   | MIT     |
| zone.js                           | 0.8.29  | MIT     |

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