FUJITSU AI ソリューション

Zinrai ディープラーニング システム ソフトウェアライセンス条件について

Version 3.0

P3KD-1122-03

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nvidia-docker2	2.0.3+docker18.03.1-1

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[ファイル名]
train.py, predict.py, train_dl_tsd.so, predict_dl_tsd.so, tdl_create_data.so, chainer_1d_para_rev.so, chainer_1d_para_rev_predict.so, ripserWrapper.cpp

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- CentOS
  https://www.centos.org/download/

- Ubuntu
  https://www.ubuntu.com/download

- python packages
  https://pypi.python.org/pypi

- その他

OSS 名称	URL
Zabbix	https://www.zabbix.com/download
fping	http://www.fping.org/
iksemel	http://code.google.com/p/iksemel/
perl-Config-IniFiles	http://search.cpan.org/dist/Config-IniFiles/
perl-Net-SNMP	http://search.cpan.org/dist/Net-SNMP/
snmptt	http://www.snmptt.org/

CentOS、Ubuntu、python packages は様々なライセンスの OSS の集合体です。CentOS、Ubuntu、python packages を利用することで、以下の OSS を利用しています。

CentOS に含まれる全 OSS 一覧

OSS 名称	バージョン
acl.x86_64	2.2.51-14.el7
apr-util.x86_64	1.5.2-6.el7
apr.x86_64	1.4.8-3.el7_4.1
audit-libs.x86_64	2.8.1-3.el7
audit.x86_64	2.8.1-3.el7
authconfig.x86_64	6.2.8-30.el7
autogen-libopts.x86_64	5.18-5.el7
basesystem.noarch	10.0-7.el7.centos
bash.x86_64	4.2.46-30.el7
bind-libs-lite.x86_64	9.9.4-61.el7
bind-license.noarch	9.9.4-61.el7
binutils.x86_64	2.27-27.base.el7
biosdevname.x86_64	0.7.3-1.el7
btrfs-progs.x86_64	4.9.1-1.el7
bzip2-libs.x86_64	1.0.6-13.el7
ca-certificates.noarch	2017.2.20-71.el7
centos-logos.noarch	70.0.6-3.el7.centos
centos-release.x86_64	7-5.1804.el7.centos
chkconfig.x86_64	1.7.4-1.el7
chrony.x86_64	3.2-2.el7
coreutils.x86_64	8.22-21.el7
cpio.x86_64	2.11-27.el7
cracklib-dicts.x86_64	2.9.0-11.el7
cracklib.x86_64	2.9.0-11.el7
cronie-anacron.x86_64	1.4.11-19.el7
cronie.x86_64	1.4.11-19.el7
crontabs.noarch	1.11-6.20121102git.el7
cryptsetup-libs.x86_64	1.7.4-4.el7
curl.x86_64	7.29.0-46.el7
cyrus-sasl-lib.x86_64	2.1.26-23.el7
dbus-glib.x86_64	0.100-7.el7
dbus-libs.x86_64	1.10.24-7.el7
dbus-python.x86_64	1.1.1-9.el7
dbus.x86_64	1.10.24-7.el7

OSS 名称	バージョン
dejavu-fonts-common.noarch	2.33-6.el7
dejavu-sans-fonts.noarch	2.33-6.el7
device-mapper-libs.x86_64	1.02.146-4.el7
device-mapper.x86_64	1.02.146-4.el7
dhclient.x86_64	4.2.5-68.el7.centos
dhcp-common.x86_64	4.2.5-68.el7.centos
dhcp-libs.x86_64	4.2.5-68.el7.centos
diffutils.x86_64	3.3-4.el7
dmidecode.x86_64	3.0-5.el7
dracut-config-rescue.x86_64	033-535.el7
dracut-network.x86_64	033-535.el7
dracut.x86_64	033-535.el7
e2fsprogs-libs.x86_64	1.42.9-11.el7
e2fsprogs.x86_64	1.42.9-11.el7
ebtables.x86_64	2.0.10-16.el7
elfutils-default-yama-scope.noarch	0.170-4.el7
elfutils-libelf.x86_64	0.170-4.el7
elfutils-libs.x86_64	0.170-4.el7
epel-release.noarch	7-9
ethtool.x86_64	4.8-7.el7
expat.x86_64	2.1.0-10.el7_3
expect.x86_64	5.45-14.el7_1
file-libs.x86_64	5.11-33.el7
filesystem.x86_64	3.2-25.el7
file.x86_64	5.11-33.el7
findutils.x86_64	4.5.11-5.el7
fipscheck-lib.x86_64	1.4.1-6.el7
fipscheck.x86_64	1.4.1-6.el7
firewalld-filesystem.noarch	0.4.4.4-14.el7
firewalld.noarch	0.4.4.4-14.el7
fontpackages-filesystem.noarch	1.44-8.el7
fping.x86_64	3.10-1.el7
freetype.x86_64	2.4.11-15.el7
gawk.x86_64	4.0.2-4.el7_3.1
gdbm-devel.x86_64	1.10-8.el7

OSS 名称	バージョン
gdbm.x86_64	1.10-8.el7
GeoIP.x86_64	1.5.0-11.el7
gettext-libs.x86_64	0.19.8.1-2.el7
gettext.x86_64	0.19.8.1-2.el7
glib2.x86_64	2.54.2-2.el7
glibc-common.x86_64	2.17-222.el7
glibc-devel.x86_64	2.17-222.el7
glibc-headers.x86_64	2.17-222.el7
glibc.x86_64	2.17-222.el7
gmp.x86_64	6.0.0-15.el7
gnupg2.x86_64	2.0.22-4.el7
gnutls.x86_64	3.3.26-9.el7
gobject-introspection.x86_64	1.50.0-1.el7
gpgme.x86_64	1.3.2-5.el7
gpg-pubkey.(none)	f4a80eb5-53a7ff4b
grep.x86_64	2.20-3.el7
groff-base.x86_64	1.22.2-8.el7
grub2-common.noarch	2.02-0.65.el7.centos.2
grub2-pc-modules.noarch	2.02-0.65.el7.centos.2
grub2-pc.x86_64	2.02-0.65.el7.centos.2
grub2-tools-extra.x86_64	2.02-0.65.el7.centos.2
grub2-tools-minimal.x86_64	2.02-0.65.el7.centos.2
grub2-tools.x86_64	2.02-0.65.el7.centos.2
grub2.x86_64	2.02-0.65.el7.centos.2
grubby.x86_64	8.28-23.el7
gzip.x86_64	1.5-10.el7
hardlink.x86_64	1.0-19.el7
hostname.x86_64	3.13-3.el7
httpd-tools.x86_64	2.4.6-67.el7.centos.6
httpd-tools.x86_64	2.4.6-80.el7.centos.1
httpd.x86_64	2.4.6-67.el7.centos.6
httpd.x86_64	2.4.6-80.el7.centos.1
hwdata.x86_64	0.252-8.8.el7
iksemel.x86_64	1.4-2.el7.centos
info.x86_64	5.1-5.el7

OSS 名称	バージョン
initscripts.x86_64	9.49.41-1.el7
iproute.x86_64	4.11.0-14.el7
iprutils.x86_64	2.4.15.1-1.el7
ipset-libs.x86_64	6.29-1.el7
ipset.x86_64	6.29-1.el7
iptables.x86_64	1.4.21-24.el7
iputils.x86_64	20160308-10.el7
irqbalance.x86_64	1.0.7-11.el7
jansson.x86_64	2.10-1.el7
jdk1.8.x86_64	1.8.0_171-fcs
kbd-legacy.noarch	1.15.5-13.el7
kbd-misc.noarch	1.15.5-13.el7
kbd.x86_64	1.15.5-13.el7
kernel-headers.x86_64	3.10.0-862.9.1.el7
kernel-tools-libs.x86_64	3.10.0-862.el7
kernel-tools.x86_64	3.10.0-862.el7
kernel.x86_64	3.10.0-862.el7
kexec-tools.x86_64	2.0.15-13.el7
keyutils-libs.x86_64	1.5.8-3.el7
kmod-libs.x86_64	20-21.el7
kmod.x86_64	20-21.el7
kpartx.x86_64	0.4.9-119.el7
krb5-libs.x86_64	1.15.1-18.el7
less.x86_64	458-9.el7
libacl.x86_64	2.2.51-14.el7
libassuan.x86_64	2.1.0-3.el7
libattr.x86_64	2.4.46-13.el7
libblkid.x86_64	2.23.2-52.el7
libcap-ng.x86_64	0.7.5-4.el7
libcap.x86_64	2.22-9.el7
libcom_err.x86_64	1.42.9-11.el7
libcroco.x86_64	0.6.11-1.el7
libcurl.x86_64	7.29.0-46.el7
libdaemon.x86_64	0.14-7.el7
libdb-devel.x86_64	5.3.21-24.el7

OSS 名称	バージョン
libdb-utils.x86_64	5.3.21-24.el7
libdb.x86_64	5.3.21-24.el7
libdrm.x86_64	2.4.83-2.el7
libedit.x86_64	3.0-12.20121213cvs.el7
libestr.x86_64	0.1.9-2.el7
libfastjson.x86_64	0.99.4-2.el7
libffi.x86_64	3.0.13-18.el7
libgcc.x86_64	4.8.5-28.el7
libgcrypt.x86_64	1.5.3-14.el7
libgomp.x86_64	4.8.5-28.el7
libgpg-error.x86_64	1.12-3.el7
libidn.x86_64	1.28-4.el7
libjpeg-turbo.x86_64	1.2.90-5.el7
libmnl.x86_64	1.0.3-7.el7
libmount.x86_64	2.23.2-52.el7
libndp.x86_64	1.2-7.el7
libnetfilter_conntrack.x86_64	1.0.6-1.el7_3
libnfnetlink.x86_64	1.0.1-4.el7
libnl3-cli.x86_64	3.2.28-4.el7
libnl3.x86_64	3.2.28-4.el7
libpciaccess.x86_64	0.14-1.el7
libpipeline.x86_64	1.2.3-3.el7
libpng.x86_64	1.5.13-7.el7_2
libpwquality.x86_64	1.2.3-5.el7
libseccomp.x86_64	2.3.1-3.el7
libselinux-python.x86_64	2.5-12.el7
libselinux-utils.x86_64	2.5-12.el7
libselinux.x86_64	2.5-12.el7
libsemanage.x86_64	2.5-11.el7
libsepol.x86_64	2.5-8.1.el7
libssh2.x86_64	1.4.3-10.el7_2.1
libss.x86_64	1.42.9-11.el7
libstdc++.x86_64	4.8.5-28.el7
libsysfs.x86_64	2.1.0-16.el7
libtasn1.x86_64	4.10-1.el7

OSS 名称	バージョン
libteam.x86_64	1.27-4.el7
libtool-ltdl.x86_64	2.4.2-22.el7_3
libunistring.x86_64	0.9.3-9.el7
libuser.x86_64	0.60-9.el7
libutempter.x86_64	1.1.6-4.el7
libuuid.x86_64	2.23.2-52.el7
libverto.x86_64	0.2.5-4.el7
libX11-common.noarch	1.6.5-1.el7
libX11.x86_64	1.6.5-1.el7
libXau.x86_64	1.0.8-2.1.el7
libxcb.x86_64	1.12-1.el7
libxml2.x86_64	2.9.1-6.el7_2.3
libXpm.x86_64	3.5.12-1.el7
libxslt.x86_64	1.1.28-5.el7
libzip.x86_64	0.10.1-8.el7
linux-firmware.noarch	20180220-62.git6d51311.el7
lm_sensors-libs.x86_64	3.4.0-4.20160601gitf9185e5.el7
logrotate.x86_64	3.8.6-15.el7
lshw.x86_64	B.02.18-12.el7
lsscsi.x86_64	0.27-6.el7
lua.x86_64	5.1.4-15.el7
lz4.x86_64	1.7.5-2.el7
lzo.x86_64	2.06-8.el7
mailcap.noarch	2.1.41-2.el7
make.x86_64	3.82-23.el7
man-db.x86_64	2.6.3-9.el7
mariadb-libs.x86_64	5.5.56-2.el7
microcode_ctl.x86_64	2.1-29.el7
mod_ssl.x86_64	2.4.6-67.el7.centos.6
mozjs17.x86_64	17.0.0-20.el7
ncurses-base.noarch	5.9-14.20130511.el7_4
ncurses-libs.x86_64	5.9-14.20130511.el7_4
ncurses.x86_64	5.9-14.20130511.el7_4
net-snmp-agent-libs.x86_64	5.7.2-33.el7_5.2
net-snmp-libs.x86_64	5.7.2-33.el7_5.2

OSS 名称	バージョン
net-snmp-perl.x86_64	5.7.2-33.el7_5.2
net-snmp-utils.x86_64	5.7.2-33.el7_5.2
net-snmp.x86_64	5.7.2-33.el7_5.2
nettle.x86_64	2.7.1-8.el7
NetworkManager-libnm.x86_64	1.10.2-13.el7
NetworkManager-team.x86_64	1.10.2-13.el7
NetworkManager-tui.x86_64	1.10.2-13.el7
NetworkManager.x86_64	1.10.2-13.el7
newt-python.x86_64	0.52.15-4.el7
newt.x86_64	0.52.15-4.el7
nspr.x86_64	4.17.0-1.el7
nss-pem.x86_64	1.0.3-4.el7
nss-softokn-freebl.x86_64	3.34.0-2.el7
nss-softokn.x86_64	3.34.0-2.el7
nss-sysinit.x86_64	3.34.0-4.el7
nss-tools.x86_64	3.34.0-4.el7
nss-util.x86_64	3.34.0-2.el7
nss.x86_64	3.34.0-4.el7
ntpdate.x86_64	4.2.6p5-25.el7.centos.2
ntp.x86_64	4.2.6p5-25.el7.centos.2
numactl-libs.x86_64	2.0.9-7.el7
OpenIPMI-libs.x86_64	2.0.23-2.el7
OpenIPMI-modalias.x86_64	2.0.23-2.el7
openldap.x86_64	2.4.44-13.el7
openssh-clients.x86_64	7.4p1-16.el7
openssh-server.x86_64	7.4p1-16.el7
openssh.x86_64	7.4p1-16.el7
openssl-libs.x86_64	1.0.2k-12.el7
openssl.x86_64	1.0.2k-12.el7
os-prober.x86_64	1.58-9.el7
p11-kit-trust.x86_64	0.23.5-3.el7
p11-kit.x86_64	0.23.5-3.el7
pam.x86_64	1.1.8-22.el7
parted.x86_64	3.1-29.el7
passwd.x86_64	0.79-4.el7

OSS 名称	バージョン
pciutils-libs.x86_64	3.5.1-3.el7
pcre.x86_64	8.32-17.el7
perl-Carp.noarch	1.26-244.el7
perl-Config-IniFiles.noarch	2.79-1.el7
perl-constant.noarch	1.27-2.el7
perl-CPAN-Meta.noarch	2.120921-5.el7
perl-CPAN-Meta-Requirements.noarch	2.122-7.el7
perl-CPAN-Meta-YAML.noarch	0.008-14.el7
perl-Crypt-DES.x86_64	2.05-20.el7
perl-Data-Dumper.x86_64	2.145-3.el7
perl-devel.x86_64	5.16.3-292.el7
perl-Digest-HMAC.noarch	1.03-5.el7
perl-Digest-MD5.x86_64	2.52-3.el7
perl-Digest.noarch	1.17-245.el7
perl-Digest-SHA1.x86_64	2.13-9.el7
perl-Digest-SHA.x86_64	5.85-4.el7
perl-Encode.x86_64	2.51-7.el7
perl-Exporter.noarch	5.68-3.el7
perl-ExtUtils-CBuilder.noarch	0.28.2.6-292.el7
perl-ExtUtils-Install.noarch	1.58-292.el7
perl-ExtUtils-MakeMaker.noarch	6.68-3.el7
perl-ExtUtils-Manifest.noarch	1.61-244.el7
perl-ExtUtils-ParseXS.noarch	3.18-3.el7
perl-File-Path.noarch	2.09-2.el7
perl-File-Temp.noarch	0.23.01-3.el7
perl-Filter.x86_64	1.49-3.el7
perl-Getopt-Long.noarch	2.40-3.el7
perl-HTTP-Tiny.noarch	0.033-3.el7
perl-IO-stringy.noarch	2.110-22.el7
perl-IPC-Cmd.noarch	0.80-4.el7
perl-JSON-PP.noarch	2.27202-2.el7
perl-libs.x86_64	5.16.3-292.el7
perl-List-MoreUtils.x86_64	0.33-9.el7
perl-Locale-Maketext.noarch	1.23-3.el7
perl-Locale-Maketext-Simple.noarch	0.21-292.el7

OSS 名称	バージョン
perl-macros.x86_64	5.16.3-292.el7
perl-Module-Build.noarch	0.40.05-2.el7
perl-Module-CoreList.noarch	2.76.02-292.el7
perl-Module-Load-Conditional.noarch	0.54-3.el7
perl-Module-Load.noarch	0.24-3.el7
perl-Module-Metadata.noarch	1.000018-2.el7
perl-Net-SNMP.noarch	6.0.1-7.el7
perl-Params-Check.noarch	0.38-2.el7
perl-parent.noarch	0.225-244.el7
perl-Parse-CPAN-Meta.noarch	1.4404-5.el7
perl-PathTools.x86_64	3.40-5.el7
perl-Perl-OSType.noarch	1.003-3.el7
perl-Pod-Escapes.noarch	1.04-292.el7
perl-podlators.noarch	2.5.1-3.el7
perl-Pod-Perldoc.noarch	3.20-4.el7
perl-Pod-Simple.noarch	3.28-4.el7
perl-Pod-Usage.noarch	1.63-3.el7
perl-Scalar-List-Utils.x86_64	1.27-248.el7
perl-Socket6.x86_64	0.23-15.el7
perl-Socket.x86_64	2.010-4.el7
perl-Storable.x86_64	2.45-3.el7
perl-Sys-Syslog.x86_64	0.33-3.el7
perl-Test-Harness.noarch	3.28-3.el7
perl-Text-ParseWords.noarch	3.29-4.el7
perl-threads-shared.x86_64	1.43-6.el7
perl-threads.x86_64	1.87-4.el7
perl-Time-HiRes.x86_64	1.9725-3.el7
perl-Time-Local.noarch	1.2300-2.el7
perl-version.x86_64	0.99.07-3.el7
perl.x86_64	5.16.3-292.el7
php-bcmath.x86_64	5.4.16-45.el7
php-cli.x86_64	5.4.16-43.el7_4.1
php-cli.x86_64	5.4.16-45.el7
php-common.x86_64	5.4.16-43.el7_4.1
php-common.x86_64	5.4.16-45.el7

OSS 名称	バージョン
php-gd.x86_64	5.4.16-45.el7
php-ldap.x86_64	5.4.16-43.el7_4.1
php-ldap.x86_64	5.4.16-45.el7
php-mbstring.x86_64	5.4.16-45.el7
php-pdo.x86_64	5.4.16-45.el7
php-pgsql.x86_64	5.4.16-45.el7
php.x86_64	5.4.16-43.el7_4.1
php.x86_64	5.4.16-45.el7
php-xml.x86_64	5.4.16-43.el7_4.1
php-xml.x86_64	5.4.16-45.el7
pinentry.x86_64	0.8.1-17.el7
pkgconfig.x86_64	0.27.1-4.el7
plymouth-core-libs.x86_64	0.8.9-0.31.20140113.el7.centos
plymouth-scripts.x86_64	0.8.9-0.31.20140113.el7.centos
plymouth.x86_64	0.8.9-0.31.20140113.el7.centos
policycoreutils.x86_64	2.5-22.el7
polkit-pkla-compat.x86_64	0.1-4.el7
polkit.x86_64	0.112-14.el7
popt.x86_64	1.13-16.el7
postfix.x86_64	2.10.1-6.el7
postgresql-libs.x86_64	9.2.23-3.el7_4
postgresql-server.x86_64	9.2.23-3.el7_4
postgresql.x86_64	9.2.23-3.el7_4
procps-ng.x86_64	3.3.10-17.el7
pth.x86_64	2.0.7-23.el7
pygpgme.x86_64	0.3-9.el7
pyliblzma.x86_64	0.5.3-11.el7
pyparsing.noarch	1.5.6-9.el7
python-configobj.noarch	4.7.2-7.el7
python-decorator.noarch	3.4.0-3.el7
python-firewall.noarch	0.4.4.4-14.el7
python-gobject-base.x86_64	3.22.0-1.el7_4.1
python-iniparse.noarch	0.4-9.el7
python-libs.x86_64	2.7.5-68.el7
python-linux-procfs.noarch	0.4.9-3.el7

OSS 名称	バージョン
python-perf.x86_64	3.10.0-862.el7
python-pycurl.x86_64	7.19.0-19.el7
python-pyudev.noarch	0.15-9.el7
python-schedutils.x86_64	0.4-6.el7
python-slip-dbus.noarch	0.4.0-4.el7
python-slip.noarch	0.4.0-4.el7
python-urlgrabber.noarch	3.10-8.el7
python.x86_64	2.7.5-68.el7
pyxattr.x86_64	0.5.1-5.el7
qemu-guest-agent.x86_64	2.8.0-2.el7
qrencode-libs.x86_64	3.4.1-3.el7
readline.x86_64	6.2-10.el7
rootfiles.noarch	8.1-11.el7
rpm-build-libs.x86_64	4.11.3-32.el7
rpm-libs.x86_64	4.11.3-32.el7
rpm-python.x86_64	4.11.3-32.el7
rpm.x86_64	4.11.3-32.el7
rsyslog.x86_64	8.24.0-16.el7
sed.x86_64	4.2.2-5.el7
selinux-policy.noarch	3.13.1-192.el7
selinux-policy-targeted.noarch	3.13.1-192.el7
setup.noarch	2.8.71-9.el7
sg3_utils-libs.x86_64	1.37-12.el7
sg3_utils.x86_64	1.37-12.el7
shadow-utils.x86_64	4.1.5.1-24.el7
shared-mime-info.x86_64	1.8-4.el7
slang.x86_64	2.2.4-11.el7
snappy.x86_64	1.1.0-3.el7
snmptt.noarch	1.4-0.9.beta2.el7
sqlite.x86_64	3.7.17-8.el7
sudo.x86_64	1.8.19p2-13.el7
systemd-libs.x86_64	219-57.el7
systemd-sysv.x86_64	219-57.el7
systemd.x86_64	219-57.el7
systemtap-sdt-devel.x86_64	3.2-8.el7_5

OSS 名称	バージョン
sysvinit-tools.x86_64	2.88-14.dsf.el7
t1lib.x86_64	5.1.2-14.el7
tar.x86_64	1.26-34.el7
tcl.x86_64	8.5.13-8.el7
tcp_wrappers-libs.x86_64	7.6-77.el7
teamd.x86_64	1.27-4.el7
trousers.x86_64	0.3.14-2.el7
tuned.noarch	2.9.0-1.el7
tzdata.noarch	2018c-1.el7
unixODBC.x86_64	2.3.1-11.el7
unzip.x86_64	6.0-16.el7
ustr.x86_64	1.0.4-16.el7
util-linux.x86_64	2.23.2-52.el7
vim-minimal.x86_64	7.4.160-4.el7
virt-what.x86_64	1.18-4.el7
vlgothic-p-fonts.noarch	20130607-2.el7
which.x86_64	2.20-7.el7
wpa_supplicant.x86_64	2.6-9.el7
xfsprogs.x86_64	4.5.0-15.el7
xz-libs.x86_64	5.2.2-1.el7
xz.x86_64	5.2.2-1.el7
yum-metadata-parser.x86_64	1.1.4-10.el7
yum.noarch	3.4.3-158.el7.centos
yum-plugin-fastestmirror.noarch	1.1.31-45.el7
zabbix-agent.x86_64	3.0.7-1.el7
zabbix-get.x86_64	3.0.7-1.el7
zabbix-server-pgsql.x86_64	3.0.7-1.el7
zabbix-web.noarch	3.0.7-1.el7
zabbix-web-pgsql.noarch	3.0.7-1.el7
zlib.x86_64	1.2.7-17.el7

Ubuntu に含まれる全 OSS 一覧

OSS 名称	バージョン
account-plugin-facebook	0.12+16.04.20160126-0ubuntu1
account-plugin-flickr	0.12+16.04.20160126-0ubuntu1
account-plugin-google	0.12+16.04.20160126-0ubuntu1
accountsservice	0.6.40-2ubuntu11.3
acl	2.2.52-3
acpid	1:2.0.26-1ubuntu2
adduser	3.113+nmu3ubuntu4
adium-theme-ubuntu	0.3.4-0ubuntu1.1
adwaita-icon-theme	3.18.0-2ubuntu3.1
alsa-utils	1.1.0-0ubuntu5
anacron	2.3-23
apg	2.2.3.dfsg.1-2ubuntu1
apparmor	2.10.95-0ubuntu2.9
app-install-data	15.10
apport	2.20.1-0ubuntu2.15
apport-gtk	2.20.1-0ubuntu2.15
apport-symptoms	0.20
apt	1.2.25
	1.2.26
aptdaemon	1.1.1+bzr982-0ubuntu14
aptdaemon-data	1.1.1+bzr982-0ubuntu14
apt-utils	1.2.26
apt-xapian-index	0.47ubuntu8.4
aspell	0.60.7~20110707-3build1
aspell-en	7.1-0-1.1
at-spi2-core	2.18.3-4ubuntu1
aufs-tools	1:3.2+20130722-1.1ubuntu1
augeas-lenses	1.4.0-0ubuntu1.1
autoconf	2.69-9
automake	1:1.15-4ubuntu1
autopoint	0.19.7-2ubuntu3
autotools-dev	20150820.1
avahi-daemon	0.6.32~rc+dfsg-1ubuntu2
avahi-utils	0.6.32~rc+dfsg-1ubuntu2

OSS 名称	バージョン
base-files	9.4ubuntu4.6
base-passwd	3.5.39
bash	4.3-14ubuntu1.2
bbswitch-dkms	0.8-3ubuntu1
bind9-host	1:9.10.3.dfsg.P4-8ubuntu1.10
binutils	2.26.1-1ubuntu1~16.04.6
bison	2:3.0.4.dfsg-1
blt	2.5.3+dfsg-3
bluez	5.37-0ubuntu5.1
bluez-obexd	5.37-0ubuntu5.1
bridge-utils	1.5-9ubuntu1
bsdmainutils	9.0.6ubuntu3
bsdutils	1:2.27.1-6ubuntu3.4
build-essential	12.1ubuntu2
busybox-initramfs	1:1.22.0-15ubuntu1
busybox-static	1:1.22.0-15ubuntu1
bzip2	1.0.6-8
ca-certificates	20170717~16.04.1
cgmanager	0.39-2ubuntu5
cgroupfs-mount	1.2
cheese-common	3.18.1-2ubuntu3
colord	1.2.12-1ubuntu1
colord-data	1.2.12-1ubuntu1
comerr-dev	2.1-1.42.13-1ubuntu1
command-not-found-data	0.3ubuntu16.04.2
condor	8.6.11-2
connect-proxy	1.101-1
console-setup	1.108ubuntu15.3
console-setup-linux	1.108ubuntu15.3
coreutils	8.25-2ubuntu3~16.04
cpio	2.11+dfsg-5ubuntu1
cpp	4:5.3.1-1ubuntu1
cpp-5	5.4.0-6ubuntu1~16.04.10
	5.4.0-6ubuntu1~16.04.9
cpu-checker	0.7-0ubuntu7

OSS 名称	バージョン
cracklib-runtime	2.9.2-1ubuntu1
crash	7.1.4-1ubuntu4.2
crda	3.13-1
cron	3.0pl1-128ubuntu2
cryptsetup	2:1.6.6-5ubuntu2.1
cryptsetup-bin	2:1.6.6-5ubuntu2.1
cuda-drivers	390.30-1
cups-pk-helper	0.2.5-2ubuntu2
curl	7.47.0-1ubuntu2.7
dash	0.5.8-2.1ubuntu2
dbus	1.10.6-1ubuntu3.3
dbus-x11	1.10.6-1ubuntu3.3
dconf-cli	0.24.0-2
dconf-gsettings-backend:amd64	0.24.0-2
dconf-service	0.24.0-2
debconf	1.5.58ubuntu1
debconf-i18n	1.5.58ubuntu1
debconf-utils	1.5.58ubuntu1
debhelper	9.20160115ubuntu3
debianutils	4.7
desktop-file-utils	0.22-1ubuntu5.1
dh-python	2.20151103ubuntu1.1
dh-strip-nondeterminism	0.015-1
dictionaries-common	1.26.3
diffstat	1.61-1
diffutils	1:3.3-3
distro-info-data	0.28ubuntu0.7
dkms	2.2.0.3-2ubuntu11.5
dmidecode	3.0-2ubuntu0.1
dmsetup	2:1.02.110-1ubuntu10
dnsmasq-base	2.75-1ubuntu0.16.04.4
dns-root-data	2015052300+h+1
docker-ce	18.03.1~ce-0~ubuntu
dosfstools	3.0.28-2ubuntu0.1

OSS 名称	バージョン
dpkg	1.18.4ubuntu1.3
	1.18.4ubuntu1.4
dpkg-dev	1.18.4ubuntu1.4
dump	0.4b44-7
duplicity	0.7.06-2ubuntu2
e2fslibs:amd64	1.42.13-1ubuntu1
e2fsprogs	1.42.13-1ubuntu1
ebtables	2.0.10.4-3.4ubuntu2
ecryptfs-utils	111-0ubuntu1.1
eject	2.1.5+deb1+cvs20081104-13.1ubuntu0.16.04.1
emacsen-common	2.0.8
enchant	1.6.0-10.1build2
ethtool	1:4.5-1
evolution-data-server	3.18.5-1ubuntu1
evolution-data-server-common	3.18.5-1ubuntu1
evolution-data-server-online-accounts	3.18.5-1ubuntu1
expect	5.45-7
fakeroot	1.20.2-1ubuntu1
file	1:5.25-2ubuntu1
findutils	4.6.0+git+20160126-2
fontconfig	2.11.94-0ubuntu1.1
fontconfig-config	2.11.94-0ubuntu1.1
fonts-dejavu-core	2.35-1
fonts-liberation	1.07.4-1
fonts-lyx	2.1.4-2
fuse	2.9.4-1ubuntu3.1
g++	4:5.3.1-1ubuntu1
g++-5	5.4.0-6ubuntu1~16.04.10
	5.4.0-6ubuntu1~16.04.9
gawk	1:4.1.3+dfsg-0.1
gcc	4:5.3.1-1ubuntu1
gcc-5	5.4.0-6ubuntu1~16.04.10
	5.4.0-6ubuntu1~16.04.9

OSS 名称	バージョン
gcc-5-base:amd64	5.4.0-6ubuntu1~16.04.10
	5.4.0-6ubuntu1~16.04.9
gcc-6-base:amd64	6.0.1-0ubuntu1
gconf2	3.2.6-3ubuntu6
gconf2-common	3.2.6-3ubuntu6
gconf-service	3.2.6-3ubuntu6
gconf-service-backend	3.2.6-3ubuntu6
gcr	3.18.0-1ubuntu1
gdb	7.11.1-0ubuntu1~16.5
gdbserver	7.11.1-0ubuntu1~16.5
gdisk	1.0.1-1build1
geoclue	0.12.99-4ubuntu1
geoclue-ubuntu-geoip	1.0.2+14.04.20131125-0ubuntu2
geoip-database	20160408-1
gettext	0.19.7-2ubuntu3
gettext-base	0.19.7-2ubuntu3
gfortran	4:5.3.1-1ubuntu1
gfortran-5	5.4.0-6ubuntu1~16.04.10
	5.4.0-6ubuntu1~16.04.9
gir1.2-accounts-1.0:amd64	1.21+16.04.20160222-0ubuntu1
gir1.2-appindicator3-0.1	12.10.1+16.04.20170215-0ubuntu1
gir1.2-atk-1.0	2.18.0-1
gir1.2-dbusmenu-glib-0.4:amd64	16.04.1+16.04.20160927-0ubuntu1
gir1.2-dee-1.0	1.2.7+15.04.20150304-0ubuntu2
gir1.2-freedesktop:amd64	1.46.0-3ubuntu1
gir1.2-gdata-0.0:amd64	0.17.4-1
gir1.2-gdkpixbuf-2.0:amd64	2.32.2-1ubuntu1.4
	2.32.2-1ubuntu1.5
gir1.2-glib-2.0:amd64	1.46.0-3ubuntu1
gir1.2-gmenu-3.0:amd64	3.13.3-6ubuntu3.1
gir1.2-gnomekeyring-1.0	3.12.0-1build1
gir1.2-goa-1.0:amd64	3.18.3-1ubuntu2
gir1.2-gstreamer-1.0	1.8.3-1~ubuntu0.1
gir1.2-gtk-2.0	2.24.30-1ubuntu1.16.04.2
gir1.2-gtk-3.0:amd64	3.18.9-1ubuntu3.3

OSS 名称	バージョン
gir1.2-gtk-vnc-2.0:amd64	0.5.3-1.3ubuntu2.1
gir1.2-gudev-1.0:amd64	1:230-2
gir1.2-ibus-1.0:amd64	1.5.11-1ubuntu2
gir1.2-javascriptcoregtk-4.0:amd64	2.18.6-0ubuntu0.16.04.1
gir1.2-json-1.0:amd64	1.1.2-0ubuntu1
gir1.2-libosinfo-1.0:amd64	0.2.12-2ubuntu3
gir1.2-libvirt-glib-1.0:amd64	0.2.2-0.1ubuntu1
gir1.2-notify-0.7	0.7.6-2svn1
gir1.2-packagekitglib-1.0	0.8.17-4ubuntu6~gcc5.4ubuntu1.2
gir1.2-pango-1.0:amd64	1.38.1-1
gir1.2-signon-1.0	1.13+16.04.20151209.1-0ubuntu1
gir1.2-soup-2.4	2.52.2-1ubuntu0.2
gir1.2-spice-client-glib-2.0	0.30-1
gir1.2-spice-client-gtk-3.0	0.30-1
gir1.2-unity-5.0:amd64	7.1.4+16.04.20180209.1-0ubuntu1
gir1.2-vte-2.91:amd64	0.42.5-1ubuntu1
gir1.2-webkit2-4.0:amd64	2.18.6-0ubuntu0.16.04.1
gir1.2-wnck-3.0:amd64	3.14.1-2
git	1:2.7.4-0ubuntu1.3
	1:2.7.4-0ubuntu1.4
git-man	1:2.7.4-0ubuntu1.3
	1:2.7.4-0ubuntu1.4
gkbd-capplet	3.6.0-1ubuntu2
glib-networking:amd64	2.48.2-1~ubuntu16.04.1
glib-networking-common	2.48.2-1~ubuntu16.04.1
glib-networking-services	2.48.2-1~ubuntu16.04.1
gnome-bluetooth	3.18.2-1ubuntu2
gnome-desktop3-data	3.18.2-1ubuntu1
gnome-icon-theme	3.12.0-1ubuntu3
gnome-keyring	3.18.3-0ubuntu2
gnome-menus	3.13.3-6ubuntu3.1
gnome-power-manager	3.18.0-1ubuntu1
gnome-screensaver	3.6.1-7ubuntu4
gnome-session-bin	3.18.1.2-1ubuntu1.16.04.2
gnome-settings-daemon-schemas	3.18.2-0ubuntu3.1

OSS 名称	バージョン
gnome-user-guide	3.18.1-1
gnome-user-share	3.14.2-2ubuntu4
gnupg	1.4.20-1ubuntu3.1
gpgv	1.4.20-1ubuntu3.1
graphviz	2.38.0-12ubuntu2.1
grep	2.25-1~16.04.1
groff-base	1.22.3-7
grub2-common	2.02~beta2-36ubuntu3.17
grub-common	2.02~beta2-36ubuntu3.17
grub-gfxpayload-lists	0.7
grub-pc	2.02~beta2-36ubuntu3.17
grub-pc-bin	2.02~beta2-36ubuntu3.17
gsettings-desktop-schemas	3.18.1-1ubuntu1
gsettings-ubuntu-schemas	0.0.5+16.04.20160307-0ubuntu1
gstreamer1.0-clutter-3.0	3.0.18-1
gstreamer1.0-plugins-base:amd64	1.8.3-1ubuntu0.2
gstreamer1.0-plugins-good:amd64	1.8.3-1ubuntu0.4
gstreamer1.0-x:amd64	1.8.3-1ubuntu0.2
gvfs:amd64	1.28.2-1ubuntu1~16.04.2
gvfs-backends	1.28.2-1ubuntu1~16.04.2
gvfs-common	1.28.2-1ubuntu1~16.04.2
gvfs-daemons	1.28.2-1ubuntu1~16.04.2
gvfs-libs:amd64	1.28.2-1ubuntu1~16.04.2
gzip	1.6-4ubuntu1
hardening-includes	2.7ubuntu2
hdf5-helpers	1.8.16+docs-4ubuntu1
hdf5-tools	1.8.16+docs-4ubuntu1
hdparm	9.48+ds-1
hicolor-icon-theme	0.15-0ubuntu1
hostname	3.16ubuntu2
htcondor	8.6.11-2
humanity-icon-theme	0.6.10.1
hunspell-en-us	20070829-6ubuntu3
hwdata	0.267-1
i965-va-driver:amd64	1.7.0-1

OSS 名称	バージョン
ibus	1.5.11-1ubuntu2
ibus-mozc	2.17.2116.102+gitfd0f5b34+dfsg-1ubuntu1.1
icu-devtools	55.1-7ubuntu0.4
ifupdown	0.8.10ubuntu1.2
im-config	0.29-1ubuntu12.4
indicator-applet	12.10.2+15.04.20141127.2-0ubuntu1
indicator-application	12.10.1+16.04.20170120-0ubuntu1
indicator-bluetooth	0.0.6+16.04.20160526-0ubuntu1
indicator-datetime	15.10+16.04.20160406-0ubuntu1
indicator-keyboard	0.0.0+16.04.20151125-0ubuntu1
indicator-messages	13.10.1+15.10.20150505-0ubuntu1
indicator-power	12.10.6+16.04.20160105-0ubuntu1
indicator-session	12.10.5+16.04.20160412-0ubuntu1
indicator-sound	12.10.2+16.04.20160406-0ubuntu1
init	1.29ubuntu4
initramfs-tools	0.122ubuntu8.11
initramfs-tools-bin	0.122ubuntu8.11
initramfs-tools-core	0.122ubuntu8.11
initscripts	2.88dsf-59.3ubuntu2
init-system-helpers	1.29ubuntu4
inotify-tools	3.14-1ubuntu1
insserv	1.14.0-5ubuntu3
installation-report	2.60ubuntu1
intltool-debian	0.35.0+20060710.4
ippusbxd	1.23-1
iproute2	4.3.0-1ubuntu3.16.04.3
iptables	1.6.0-2ubuntu3
iptables-persistent	1.0.4
iputils-arping	3:20121221-5ubuntu2
iputils-ping	3:20121221-5ubuntu2
ipxe-qemu	1.0.0+git-20150424.a25a16d-1ubuntu1.2
isc-dhcp-client	4.3.3-5ubuntu12.10
isc-dhcp-common	4.3.3-5ubuntu12.10
iso-codes	3.65-1
iw	3.17-1

OSS 名称	バージョン
javascript-common	11
kbd	1.15.5-1ubuntu5
kdump-tools	1:1.5.9-5ubuntu0.6
kexec-tools	1:2.0.10-1ubuntu2.4
keyboard-configuration	1.108ubuntu15.3
keyutils	1.5.9-8ubuntu1
klibc-utils	2.0.4-8ubuntu1.16.04.4
kmod	22-1ubuntu5
krb5-locales	1.13.2+dfsg-5ubuntu2
krb5-multidev	1.13.2+dfsg-5ubuntu2
language-pack-en	1:16.04+20161009
language-pack-en-base	1:16.04+20160627
language-pack-gnome-en	1:16.04+20161009
language-pack-gnome-en-base	1:16.04+20160627
language-pack-ja	1:16.04+20171210
language-pack-ja-base	1:16.04+20160627
language-selector-common	0.165.4
laptop-detect	0.13.7ubuntu2
ledmon	0.79-2
less	481-2.1ubuntu0.2
lib32gcc1	1:6.0.1-0ubuntu1
libaa1:amd64	1.4p5-44build1
libaacs0:amd64	0.8.1-1
libaccount-plugin-1.0-0:amd64	0.1.8+16.04.20160201-0ubuntu1
libaccount-plugin-generic-oauth	0.12+16.04.20160126-0ubuntu1
libaccount-plugin-google	0.12+16.04.20160126-0ubuntu1
libaccounts-glib0:amd64	1.21+16.04.20160222-0ubuntu1
libaccounts-qt5-1:amd64	1.14+16.04.20151106.1-0ubuntu1
libaccountsservice0:amd64	0.6.40-2ubuntu11.3
libacl1:amd64	2.2.52-3
libaec0:amd64	0.3.2-1
libaec-dev:amd64	0.3.2-1
libaio1:amd64	0.3.110-2
libalgorithm-diff-perl	1.19.03-1
libalgorithm-diff-xs-perl	0.04-4build1

OSS 名称	バージョン
libalgorithm-merge-perl	0.08-3
libapparmor1:amd64	2.10.95-0ubuntu2.8
	2.10.95-0ubuntu2.9
libapparmor-perl	2.10.95-0ubuntu2.9
libappindicator3-1	12.10.1+16.04.20170215-0ubuntu1
libapt-inst2.0:amd64	1.2.26
libapt-pkg5.0:amd64	1.2.25
	1.2.26
libapt-pkg-perl	0.1.29build7
libarchive13:amd64	3.1.2-11ubuntu0.16.04.3
libarchive-zip-perl	1.56-2
libasan2:amd64	5.4.0-6ubuntu1~16.04.10
	5.4.0-6ubuntu1~16.04.9
libasn1-8-heimdal:amd64	1.7~git20150920+dfsg-4ubuntu1.16.04.1
libasound2:amd64	1.1.0-0ubuntu1
libasound2-data	1.1.0-0ubuntu1
libasound2-plugins:amd64	1.1.0-0ubuntu1
libaspell15:amd64	0.60.7~20110707-3build1
libasprintf0v5:amd64	0.19.7-2ubuntu3
libasprintf-dev:amd64	0.19.7-2ubuntu3
libassuan0:amd64	2.4.2-2
libasyncns0:amd64	0.8-5build1
libatasmart4:amd64	0.19-3
libatk1.0-0:amd64	2.18.0-1
libatk1.0-data	2.18.0-1
libatk1.0-dev	2.18.0-1
libatk-bridge2.0-0:amd64	2.18.1-2ubuntu1
libatlas3-base	3.10.2-9
libatlas-base-dev	3.10.2-9
libatlas-dev	3.10.2-9
libatm1:amd64	1:2.5.1-1.5
libatomic1:amd64	5.4.0-6ubuntu1~16.04.10
	5.4.0-6ubuntu1~16.04.9
libatspi2.0-0:amd64	2.18.3-4ubuntu1
libattr1:amd64	1:2.4.47-2

OSS 名称	バージョン
libaudio2:amd64	1.9.4-4
libaudit1:amd64	1:2.4.5-1ubuntu2.1
libaudit-common	1:2.4.5-1ubuntu2.1
libaugeas0	1.4.0-0ubuntu1.1
libauthen-sasl-perl	2.1600-1
libavahi-client3:amd64	0.6.32~rc+dfsg-1ubuntu2
libavahi-common3:amd64	0.6.32~rc+dfsg-1ubuntu2
libavahi-common-data:amd64	0.6.32~rc+dfsg-1ubuntu2
libavahi-core7:amd64	0.6.32~rc+dfsg-1ubuntu2
libavahi-glib1:amd64	0.6.32~rc+dfsg-1ubuntu2
libavc1394-0:amd64	0.5.4-4
libavcodec-dev:amd64	7:2.8.11-0ubuntu0.16.04.1
libavcodec-ffmpeg56:amd64	7:2.8.11-0ubuntu0.16.04.1
libavformat-dev:amd64	7:2.8.11-0ubuntu0.16.04.1
libavformat-ffmpeg56:amd64	7:2.8.11-0ubuntu0.16.04.1
libavutil-dev:amd64	7:2.8.11-0ubuntu0.16.04.1
libavutil-ffmpeg54:amd64	7:2.8.11-0ubuntu0.16.04.1
libbabeltrace1:amd64	1.3.2-1
libbabeltrace-ctf1:amd64	1.3.2-1
libbdplus0:amd64	0.1.2-1
libbind9-140:amd64	1:9.10.3.dfsg.P4-8ubuntu1.10
libbison-dev:amd64	2:3.0.4.dfsg-1
libblas3	3.6.0-2ubuntu2
libblas-common	3.6.0-2ubuntu2
libblas-dev	3.6.0-2ubuntu2
libblkid1:amd64	2.27.1-6ubuntu3.4
libbluetooth3:amd64	5.37-0ubuntu5.1
libbluray1:amd64	1:0.9.2-2
libboost1.58-dev:amd64	1.58.0+dfsg-5ubuntu3.1
libboost1.58-tools-dev	1.58.0+dfsg-5ubuntu3.1
libboost-all-dev	1.58.0.1ubuntu1
libboost-atomic1.58.0:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-atomic1.58-dev:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-atomic-dev:amd64	1.58.0.1ubuntu1
libboost-chrono1.58.0:amd64	1.58.0+dfsg-5ubuntu3.1

OSS 名称	バージョン
libboost-chrono1.58-dev:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-chrono-dev:amd64	1.58.0.1ubuntu1
libboost-context1.58.0:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-context1.58-dev:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-context-dev:amd64	1.58.0.1ubuntu1
libboost-coroutine1.58.0:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-coroutine1.58-dev:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-coroutine-dev:amd64	1.58.0.1ubuntu1
libboost-date-time1.58.0:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-date-time1.58-dev:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-date-time-dev:amd64	1.58.0.1ubuntu1
libboost-dev:amd64	1.58.0.1ubuntu1
libboost-exception1.58-dev:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-exception-dev:amd64	1.58.0.1ubuntu1
libboost-filesystem1.58.0:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-filesystem1.58-dev:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-filesystem-dev:amd64	1.58.0.1ubuntu1
libboost-graph1.58.0:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-graph1.58-dev:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-graph-dev:amd64	1.58.0.1ubuntu1
libboost-graph-parallel1.58.0	1.58.0+dfsg-5ubuntu3.1
libboost-graph-parallel1.58-dev	1.58.0+dfsg-5ubuntu3.1
libboost-graph-parallel-dev	1.58.0.1ubuntu1
libboost-iostreams1.58.0:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-iostreams1.58-dev:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-iostreams-dev:amd64	1.58.0.1ubuntu1
libboost-locale1.58.0:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-locale1.58-dev:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-locale-dev:amd64	1.58.0.1ubuntu1
libboost-log1.58.0	1.58.0+dfsg-5ubuntu3.1
libboost-log1.58-dev	1.58.0+dfsg-5ubuntu3.1
libboost-log-dev	1.58.0.1ubuntu1
libboost-math1.58.0:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-math1.58-dev:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-math-dev:amd64	1.58.0.1ubuntu1

OSS 名称	バージョン
libboost-mpi1.58.0	1.58.0+dfsg-5ubuntu3.1
libboost-mpi1.58-dev	1.58.0+dfsg-5ubuntu3.1
libboost-mpi-dev	1.58.0.1ubuntu1
libboost-mpi-python1.58.0	1.58.0+dfsg-5ubuntu3.1
libboost-mpi-python1.58-dev	1.58.0+dfsg-5ubuntu3.1
libboost-mpi-python-dev	1.58.0.1ubuntu1
libboost-program-options1.58.0:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-program-options1.58-dev:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-program-options-dev:amd64	1.58.0.1ubuntu1
libboost-python1.58.0	1.58.0+dfsg-5ubuntu3.1
libboost-python1.58-dev	1.58.0+dfsg-5ubuntu3.1
libboost-python-dev	1.58.0.1ubuntu1
libboost-random1.58.0:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-random1.58-dev:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-random-dev:amd64	1.58.0.1ubuntu1
libboost-regex1.58.0:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-regex1.58-dev:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-regex-dev:amd64	1.58.0.1ubuntu1
libboost-serialization1.58.0:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-serialization1.58-dev:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-serialization-dev:amd64	1.58.0.1ubuntu1
libboost-signals1.58.0:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-signals1.58-dev:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-signals-dev:amd64	1.58.0.1ubuntu1
libboost-system1.58.0:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-system1.58-dev:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-system-dev:amd64	1.58.0.1ubuntu1
libboost-test1.58.0:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-test1.58-dev:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-test-dev:amd64	1.58.0.1ubuntu1
libboost-thread1.58.0:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-thread1.58-dev:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-thread-dev:amd64	1.58.0.1ubuntu1
libboost-timer1.58.0:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-timer1.58-dev:amd64	1.58.0+dfsg-5ubuntu3.1

OSS 名称	バージョン
libboost-timer-dev:amd64	1.58.0.1ubuntu1
libboost-tools-dev	1.58.0.1ubuntu1
libboost-wave1.58.0:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-wave1.58-dev:amd64	1.58.0+dfsg-5ubuntu3.1
libboost-wave-dev:amd64	1.58.0.1ubuntu1
libbrlapi0.6:amd64	5.3.1-2ubuntu2.1
libbsd0:amd64	0.8.2-1
libbz2-1.0:amd64	1.0.6-8
libc6:amd64	2.23-0ubuntu10
libc6-dbg:amd64	2.23-0ubuntu10
libc6-dev:amd64	2.23-0ubuntu10
libc6-i386	2.23-0ubuntu10
libcaca0:amd64	0.99.beta19-2build2~gcc5.2
libcacard0:amd64	1:2.5.0-2
libcairo2:amd64	1.14.6-1
libcairo2-dev	1.14.6-1
libcairo-gobject2:amd64	1.14.6-1
libcairo-perl	1.106-1build1
libcairo-script-interpreter2:amd64	1.14.6-1
libcamel-1.2-54:amd64	3.18.5-1ubuntu1
libcanberra0:amd64	0.30-2.1ubuntu1
libcanberra-gtk3-0:amd64	0.30-2.1ubuntu1
libcanberra-gtk3-module:amd64	0.30-2.1ubuntu1
libcanberra-pulse:amd64	0.30-2.1ubuntu1
libcap2:amd64	1:2.24-12
libcap2-bin	1:2.24-12
libcap-ng0:amd64	0.7.7-1
libcapnp-0.5.3:amd64	0.5.3-2ubuntu1
libc-ares2:amd64	1.10.0-3ubuntu0.2
libc-bin	2.23-0ubuntu10
libcc1-0:amd64	5.4.0-6ubuntu1~16.04.10
	5.4.0-6ubuntu1~16.04.9
libc-dev-bin	2.23-0ubuntu10
libcdio13:amd64	0.83-4.2ubuntu1
libcdio-cdda1:amd64	0.83-4.2ubuntu1

OSS 名称	バージョン
libcdio-paranoia1:amd64	0.83-4.2ubuntu1
libcdparanoia0:amd64	3.10.2+debian-11
libcdt5	2.38.0-12ubuntu2.1
libcgi-fast-perl	1:2.10-1
libcgi-pm-perl	4.26-1
libcgmanager0:amd64	0.39-2ubuntu5
libcgraph6	2.38.0-12ubuntu2.1
libcgroup1:amd64	0.41-7ubuntu1
libcheese8:amd64	3.18.1-2ubuntu3
libcheese-gtk25:amd64	3.18.1-2ubuntu3
libcilkrts5:amd64	5.4.0-6ubuntu1~16.04.10
	5.4.0-6ubuntu1~16.04.9
libclass-accessor-perl	0.34-1
libclassad8	8.6.11-2
libclone-perl	0.38-1build1
libclutter-1.0-0:amd64	1.24.2-1
libclutter-1.0-common	1.24.2-1
libclutter-gst-3.0-0:amd64	3.0.18-1
libclutter-gtk-1.0-0:amd64	1.6.6-1
libcogl20:amd64	1.22.0-2
libcogl-common	1.22.0-2
libcogl-pango20:amd64	1.22.0-2
libcogl-path20:amd64	1.22.0-2
libcolord2:amd64	1.2.12-1ubuntu1
libcolorhug2:amd64	1.2.12-1ubuntu1
libcomerr2:amd64	1.42.13-1ubuntu1
libcrack2:amd64	2.9.2-1ubuntu1
libcroco3:amd64	0.6.11-1
libcryptsetup4:amd64	2:1.6.6-5ubuntu2.1
libcrystalhd3:amd64	1:0.0~git20110715.fdd2f19-11build1
libcuda1-390	390.30-0ubuntu1
libcups2:amd64	2.1.3-4ubuntu0.4
	2.1.3-4ubuntu0.5
libcurl3:amd64	7.47.0-1ubuntu2.7
libcurl3-gnutls:amd64	7.47.0-1ubuntu2.7

OSS 名称	バージョン
libcurl4-openssl-dev:amd64	7.47.0-1ubuntu2.7
libcvaux-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1
libcv-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1
libdaemon0:amd64	0.14-6
libdata-alias-perl	1.20-1build1
libdate-manip-perl	6.52-1
libdatrie1:amd64	0.2.10-2
libdb5.3:amd64	5.3.28-11ubuntu0.1
libdbus-1-3:amd64	1.10.6-1ubuntu3.3
libdbus-glib-1-2:amd64	0.106-1
libdbusmenu-glib4:amd64	16.04.1+16.04.20160927-0ubuntu1
libdbusmenu-gtk3-4:amd64	16.04.1+16.04.20160927-0ubuntu1
libdc1394-22:amd64	2.2.4-1
libdc1394-22-dev:amd64	2.2.4-1
libdconf1:amd64	0.24.0-2
libdebconfclient0:amd64	0.198ubuntu1
libdee-1.0-4:amd64	1.2.7+15.04.20150304-0ubuntu2
libdevmapper1.02.1:amd64	2:1.02.110-1ubuntu10
libdigest-hmac-perl	1.03+dfsg-1
libdns162:amd64	1:9.10.3.dfsg.P4-8ubuntu1.10
libdns-export162	1:9.10.3.dfsg.P4-8ubuntu1.10
libdouble-conversion1v5:amd64	2.0.1-3ubuntu2
libdpkg-perl	1.18.4ubuntu1.4
libdrm2:amd64	2.4.83-1~16.04.1
	2.4.91-2~16.04.1
libdrm-amdgpu1:amd64	2.4.83-1~16.04.1
	2.4.91-2~16.04.1
libdrm-common	2.4.83-1~16.04.1
	2.4.91-2~16.04.1
libdrm-intel1:amd64	2.4.83-1~16.04.1
	2.4.91-2~16.04.1
libdrm-nouveau2:amd64	2.4.83-1~16.04.1
	2.4.91-2~16.04.1
libdrm-radeon1:amd64	2.4.83-1~16.04.1
	2.4.91-2~16.04.1

OSS 名称	バージョン
libdv4:amd64	1.0.0-7
libdw1:amd64	0.165-3ubuntu1
libebackend-1.2-10:amd64	3.18.5-1ubuntu1
libebook-1.2-16:amd64	3.18.5-1ubuntu1
libebook-contacts-1.2-2:amd64	3.18.5-1ubuntu1
libecal-1.2-19:amd64	3.18.5-1ubuntu1
libecryptfs1	111-0ubuntu1.1
libedata-book-1.2-25:amd64	3.18.5-1ubuntu1
libedata-cal-1.2-28:amd64	3.18.5-1ubuntu1
libedataserver-1.2-21:amd64	3.18.5-1ubuntu1
libedit2:amd64	3.1-20150325-1ubuntu2
libegl1-mesa:amd64	17.2.8-0ubuntu0~16.04.1
libelf1:amd64	0.165-3ubuntu1
libemail-valid-perl	1.198-1
libenchant1c2a:amd64	1.6.0-10.1build2
libencode-locale-perl	1.05-1
libepoxy0:amd64	1.3.1-1ubuntu0.16.04.2
liberror-perl	0.17-1.2
libestr0	0.1.10-1
libevdev2:amd64	1.4.6+dfsg-1
libevent-2.0-5:amd64	2.0.21-stable-2ubuntu0.16.04.1
libexif12:amd64	0.6.21-2
libexpat1:amd64	2.1.0-7ubuntu0.16.04.3
libexpat1-dev:amd64	2.1.0-7ubuntu0.16.04.3
libexporter-tiny-perl	0.042-1
libfakeroot:amd64	1.20.2-1ubuntu1
libfcgi-perl	0.77-1build1
libfcitx-config4:amd64	1:4.2.9.1-1ubuntu1.16.04.2
libfcitx-gclient0:amd64	1:4.2.9.1-1ubuntu1.16.04.2
libfcitx-utils0:amd64	1:4.2.9.1-1ubuntu1.16.04.2
libfdisk1:amd64	2.27.1-6ubuntu3.4
libfdt1:amd64	1.4.0+dfsg-2
libffi6:amd64	3.2.1-4
libffi-dev:amd64	3.2.1-4
libfftw3-double3:amd64	3.3.4-2ubuntu1

OSS 名称	バージョン
libfftw3-single3:amd64	3.3.4-2ubuntu1
libfile-basedir-perl	0.07-1
libfile-copy-recursive-perl	0.38-1
libfile-fcntllock-perl	0.22-3
libfile-stripnondeterminism-perl	0.015-1
libflac8:amd64	1.3.1-4
libfontconfig1:amd64	2.11.94-0ubuntu1.1
libfontconfig1-dev:amd64	2.11.94-0ubuntu1.1
libfontenc1:amd64	1:1.1.3-1
libfreeimage3:amd64	3.17.0+ds1-2
libfreetype6:amd64	2.6.1-0.1ubuntu2.3
libfreetype6-dev:amd64	2.6.1-0.1ubuntu2.3
libfribidi0:amd64	0.19.7-1
libfuse2:amd64	2.9.4-1ubuntu3.1
libgbm1:amd64	17.2.8-0ubuntu0~16.04.1
libgcc1:amd64	1:6.0.1-0ubuntu1
libgcc-5-dev:amd64	5.4.0-6ubuntu1~16.04.10
	5.4.0-6ubuntu1~16.04.9
libgck-1-0:amd64	3.18.0-1ubuntu1
libgconf-2-4:amd64	3.2.6-3ubuntu6
libgcr-3-common	3.18.0-1ubuntu1
libgcr-base-3-1:amd64	3.18.0-1ubuntu1
libgcr-ui-3-1:amd64	3.18.0-1ubuntu1
libgcrypt20:amd64	1.6.5-2ubuntu0.3
	1.6.5-2ubuntu0.4
libgd3:amd64	2.1.1-4ubuntu0.16.04.8
libgdata22:amd64	0.17.4-1
libgdata-common	0.17.4-1
libgdbm3:amd64	1.8.3-13.1
libgdk-pixbuf2.0-0:amd64	2.32.2-1ubuntu1.4
	2.32.2-1ubuntu1.5
libgdk-pixbuf2.0-common	2.32.2-1ubuntu1.4
	2.32.2-1ubuntu1.5
libgdk-pixbuf2.0-dev	2.32.2-1ubuntu1.4
	2.32.2-1ubuntu1.5

OSS 名称	バージョン
libgee-0.8-2:amd64	0.18.0-1
libgeoclue0:amd64	0.12.99-4ubuntu1
libgeocode-glib0:amd64	3.18.2-1
libgeoip1:amd64	1.6.9-1
libgeonames0:amd64	0.2+16.04.20160321-0ubuntu1
libgettextpo0:amd64	0.19.7-2ubuntu3
libgettextpo-dev:amd64	0.19.7-2ubuntu3
libgflags2v5	2.1.2-3
libgflags-dev	2.1.2-3
libgfortran3:amd64	5.4.0-6ubuntu1~16.04.10
	5.4.0-6ubuntu1~16.04.9
libgfortran-5-dev:amd64	5.4.0-6ubuntu1~16.04.10
	5.4.0-6ubuntu1~16.04.9
libgirepository-1.0-1:amd64	1.46.0-3ubuntu1
libgl1-mesa-dri:amd64	17.2.8-0ubuntu0~16.04.1
	18.0.5-0ubuntu0~16.04.1
libgl1-mesa-glx:amd64	17.2.8-0ubuntu0~16.04.1
	18.0.5-0ubuntu0~16.04.1
libglade2-0:amd64	1:2.6.4-2
libglapi-mesa:amd64	17.2.8-0ubuntu0~16.04.1
	18.0.5-0ubuntu0~16.04.1
libglib2.0-0:amd64	2.48.2-0ubuntu1
	2.48.2-0ubuntu3
libglib2.0-bin	2.48.2-0ubuntu1
	2.48.2-0ubuntu3
libglib2.0-data	2.48.2-0ubuntu1
	2.48.2-0ubuntu3
libglib2.0-dev	2.48.2-0ubuntu1
	2.48.2-0ubuntu3
libglib-perl	3:1.320-2
libglobus-callout0:amd64	3.13-5
libglobus-common0:amd64	16.0-2
libglobus-ftp-client2:amd64	8.27-2
libglobus-ftp-control1:amd64	6.8-2
libglobus-gass-transfer2:amd64	8.8-5

OSS 名称	バージョン
libglobus-gram-client3:amd64	13.12-3
libglobus-gram-protocol3:amd64	12.12-6
libglobus-gsi-callback0:amd64	5.8-2
libglobus-gsi-cert-utils0:amd64	9.11-2
libglobus-gsi-credential1:amd64	7.9-2
libglobus-gsi-openssl-error0:amd64	3.5-5
libglobus-gsi-proxy-core0:amd64	7.9-2
libglobus-gsi-proxy-ssl1:amd64	5.7-5
libglobus-gsi-sysconfig1:amd64	6.9-2
libglobus-gssapi-error2:amd64	5.4-5
libglobus-gssapi-gsi4:amd64	11.26-2
libglobus-gss-assist3:amd64	10.15-2
libglobus-io3:amd64	11.4-2
libglobus-openssl-module0:amd64	4.6-5
libglobus-rsl2:amd64	10.10-2
libglobus-xio0:amd64	5.11-2
libglobus-xio-gsi-driver:amd64	3.8-2
libglobus-xio-popen-driver:amd64	3.5-2
libglu1-mesa:amd64	9.0.0-2.1
libgme0:amd64	0.6.0-3ubuntu0.16.04.1
libgmp10:amd64	2:6.1.0+dfsg-2
libgnome-bluetooth13:amd64	3.18.2-1ubuntu2
libgnome-desktop-3-12:amd64	3.18.2-1ubuntu1
libgnomekbd8:amd64	3.6.0-1ubuntu2
libgnomekbd-common	3.6.0-1ubuntu2
libgnome-keyring0:amd64	3.12.0-1build1
libgnome-keyring-common	3.12.0-1build1
libgnome-menu-3-0:amd64	3.13.3-6ubuntu3.1
libgnutls30:amd64	3.4.10-4ubuntu1.4
libgnutls-openssl27:amd64	3.4.10-4ubuntu1.4
libgoa-1.0-0b:amd64	3.18.3-1ubuntu2
libgoa-1.0-common	3.18.3-1ubuntu2
libgomp1:amd64	5.4.0-6ubuntu1~16.04.10
	5.4.0-6ubuntu1~16.04.9
libgoogle-glog0v5	0.3.4-0.1

OSS 名称	バージョン
libgoogle-glog-dev	0.3.4-0.1
libgpg-error0:amd64	1.21-2ubuntu1
libgphoto2-6:amd64	2.5.9-3
libgphoto2-l10n	2.5.9-3
libgphoto2-port12:amd64	2.5.9-3
libgpm2:amd64	1.20.4-6.1
libgraphite2-3:amd64	1.3.10-0ubuntu0.16.04.1
libgsm1:amd64	1.0.13-4
libgssapi3-heimdal:amd64	1.7~git20150920+dfsg-4ubuntu1.16.04.1
libgssapi-krb5-2:amd64	1.13.2+dfsg-5ubuntu2
libgssrpc4:amd64	1.13.2+dfsg-5ubuntu2
libgstreamer1.0-0:amd64	1.8.3-1~ubuntu0.1
libgstreamer-plugins-base1.0-0:amd64	1.8.3-1ubuntu0.2
libgstreamer-plugins-good1.0-0:amd64	1.8.3-1ubuntu0.4
libgtk2.0-0:amd64	2.24.30-1ubuntu1.16.04.2
libgtk2.0-bin	2.24.30-1ubuntu1.16.04.2
libgtk2.0-common	2.24.30-1ubuntu1.16.04.2
libgtk2.0-dev	2.24.30-1ubuntu1.16.04.2
libgtk2-perl	2:1.2498-1
libgtk-3-0:amd64	3.18.9-1ubuntu3.3
libgtk-3-bin	3.18.9-1ubuntu3.3
libgtk-3-common	3.18.9-1ubuntu3.3
libgtkglext1:amd64	1.2.0-3.2fakesync1ubuntu1
libgtk-vnc-2.0-0:amd64	0.5.3-1.3ubuntu2.1
libgtop-2.0-10:amd64	2.32.0-1
libgtop2-common	2.32.0-1
libgudev-1.0-0:amd64	1:230-2
libgusb2:amd64	0.2.9-0ubuntu1
libgvc6	2.38.0-12ubuntu2.1
libgvnc-1.0-0:amd64	0.5.3-1.3ubuntu2.1
libgvpr2	2.38.0-12ubuntu2.1
libgweather-3-6:amd64	3.18.2-0ubuntu0.2
libgweather-common	3.18.2-0ubuntu0.2
libharfbuzz0b:amd64	1.0.1-1ubuntu0.1
libharfbuzz-dev	1.0.1-1ubuntu0.1

OSS 名称	バージョン
libharfbuzz-gobject0:amd64	1.0.1-1ubuntu0.1
libharfbuzz-icu0:amd64	1.0.1-1ubuntu0.1
libhcrypto4-heimdal:amd64	1.7~git20150920+dfsg-4ubuntu1.16.04.1
libhdf5-10:amd64	1.8.16+docs-4ubuntu1
libhdf5-cpp-11:amd64	1.8.16+docs-4ubuntu1
libhdf5-dev	1.8.16+docs-4ubuntu1
libhdf5-serial-dev	1.8.16+docs-4ubuntu1
libheimbase1-heimdal:amd64	1.7~git20150920+dfsg-4ubuntu1.16.04.1
libheimntlm0-heimdal:amd64	1.7~git20150920+dfsg-4ubuntu1.16.04.1
libhighgui-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1
libhogweed4:amd64	3.2-1ubuntu0.16.04.1
libhtml-parser-perl	3.72-1
libhtml-tagset-perl	3.20-2
libhttp-date-perl	6.02-1
libhttp-message-perl	6.11-1
libhunspell-1.3-0:amd64	1.3.3-4ubuntu1
libhwloc5:amd64	1.11.2-3
libhwloc-dev:amd64	1.11.2-3
libhwloc-plugins	1.11.2-3
libhx509-5-heimdal:amd64	1.7~git20150920+dfsg-4ubuntu1.16.04.1
libhyphen0:amd64	2.8.8-2ubuntu1
libibus-1.0-5:amd64	1.5.11-1ubuntu2
libibverbs1	1.1.8-1.1ubuntu2
libibverbs-dev	1.1.8-1.1ubuntu2
libical1a:amd64	1.0.1-0ubuntu2
libice6:amd64	2:1.0.9-1
libice-dev:amd64	2:1.0.9-1
libicu55:amd64	55.1-7ubuntu0.4
libicu-dev:amd64	55.1-7ubuntu0.4
libidn11:amd64	1.32-3ubuntu1.2
libido3-0.1-0:amd64	13.10.0+16.04.20161028-0ubuntu1
libiec61883-0:amd64	1.2.0-0.2
libieee1284-3:amd64	0.2.11-12
libilmbase12:amd64	2.2.0-11ubuntu2
libilmbase-dev	2.2.0-11ubuntu2

OSS 名称	バージョン
libimobiledevice6:amd64	1.2.0+dfsg-3~ubuntu0.2
libindicator3-7	12.10.2+16.04.20151208-0ubuntu1
libinotifytools0	3.14-1ubuntu1
libinput10:amd64	1.6.3-1ubuntu1~16.04.1
libinput-bin	1.6.3-1ubuntu1~16.04.1
libio-html-perl	1.001-1
libio-pty-perl	1:1.08-1.1build1
libio-socket-inet6-perl	2.72-2
libio-socket-ssl-perl	2.024-1
libio-string-perl	1.08-3
libipc-run-perl	0.94-1
libipc-system-simple-perl	1.25-3
libisc160:amd64	1:9.10.3.dfsg.P4-8ubuntu1.10
libisccc140:amd64	1:9.10.3.dfsg.P4-8ubuntu1.10
libisccfg140:amd64	1:9.10.3.dfsg.P4-8ubuntu1.10
libisc-export160	1:9.10.3.dfsg.P4-8ubuntu1.10
libiscsi2:amd64	1.12.0-2
libisl15:amd64	0.16.1-1
libitm1:amd64	5.4.0-6ubuntu1~16.04.10
	5.4.0-6ubuntu1~16.04.9
libjack-jackd2-0:amd64	1.9.10+20150825git1ed50c92~dfsg-1ubuntu1
libjansson4:amd64	2.7-3
libjasper1:amd64	1.900.1-debian1-2.4ubuntu1.1
	1.900.1-debian1-2.4ubuntu1.2
libjasper-dev	1.900.1-debian1-2.4ubuntu1.1
	1.900.1-debian1-2.4ubuntu1.2
libjavascriptcoregtk-4.0-18:amd64	2.18.6-0ubuntu0.16.04.1
libjbig0:amd64	2.1-3.1
libjbig-dev:amd64	2.1-3.1
libjpeg8:amd64	8c-2ubuntu8
libjpeg8-dev:amd64	8c-2ubuntu8
libjpeg-dev:amd64	8c-2ubuntu8
libjpeg-turbo8:amd64	1.4.2-0ubuntu3
	1.4.2-0ubuntu3.1

OSS 名称	バージョン
libjpeg-turbo8-dev:amd64	1.4.2-0ubuntu3
	1.4.2-0ubuntu3.1
libjs-jquery	1.11.3+dfsg-4
libjs-jquery-ui	1.10.1+dfsg-1
libjson-c2:amd64	0.11-4ubuntu2
libjson-glib-1.0-0:amd64	1.1.2-0ubuntu1
libjson-glib-1.0-common	1.1.2-0ubuntu1
libjxr0:amd64	1.1-6
libk5crypto3:amd64	1.13.2+dfsg-5ubuntu2
libkadm5clnt-mit9:amd64	1.13.2+dfsg-5ubuntu2
libkadm5srv-mit9:amd64	1.13.2+dfsg-5ubuntu2
libkdb5-8:amd64	1.13.2+dfsg-5ubuntu2
libkeyutils1:amd64	1.5.9-8ubuntu1
libklibc	2.0.4-8ubuntu1.16.04.4
libkmod2:amd64	22-1ubuntu5
libkrb5-26-heimdal:amd64	1.7~git20150920+dfsg-4ubuntu1.16.04.1
libkrb5-3:amd64	1.13.2+dfsg-5ubuntu2
libkrb5support0:amd64	1.13.2+dfsg-5ubuntu2
liblapack3	3.6.0-2ubuntu2
liblcms2-2:amd64	2.6-3ubuntu2
libldap-2.4-2:amd64	2.4.42+dfsg-2ubuntu3.2
libldap2-dev:amd64	2.4.42+dfsg-2ubuntu3.2
libldb1:amd64	2:1.1.24-1ubuntu3
libleveldb1v5:amd64	1.18-5
libleveldb-dev:amd64	1.18-5
liblightdm-gobject-1-0:amd64	1.18.3-0ubuntu1.1
liblist-moreutils-perl	0.413-1build1
libllvm5.0:amd64	1:5.0-3~16.04.1
libllvm6.0:amd64	1:6.0-1ubuntu2~16.04.1
liblmdb0:amd64	0.9.17-3
liblmdb-dev:amd64	0.9.17-3
liblocale-gettext-perl	1.07-1build1
liblsan0:amd64	5.4.0-6ubuntu1~16.04.10
	5.4.0-6ubuntu1~16.04.9
libltdl7:amd64	2.4.6-0.1

OSS 名称	バージョン
libltdl-dev:amd64	2.4.6-0.1
libluajit-5.1-2:amd64	2.0.4+dfsg-1
libluajit-5.1-common	2.0.4+dfsg-1
liblwp-mediatypes-perl	6.02-1
liblwres141:amd64	1:9.10.3.dfsg.P4-8ubuntu1.10
liblz4-1:amd64	0.0~r131-2ubuntu2
liblzma5:amd64	5.1.1alpha+20120614-2ubuntu2
liblzma-dev:amd64	5.1.1alpha+20120614-2ubuntu2
liblzo2-2:amd64	2.08-1.2
libmagic1:amd64	1:5.25-2ubuntu1
libmail-sendmail-perl	0.79.16-1
libmailtools-perl	2.13-1
libmbim-glib4:amd64	1.14.0-1ubuntu0.16.04.1
libmbim-proxy	1.14.0-1ubuntu0.16.04.1
libmirclient9:amd64	0.26.3+16.04.20170605-0ubuntu1.1
libmircommon7:amd64	0.26.3+16.04.20170605-0ubuntu1.1
libmircore1:amd64	0.26.3+16.04.20170605-0ubuntu1.1
libmirprotobuf3:amd64	0.26.3+16.04.20170605-0ubuntu1.1
libmm-glib0:amd64	1.6.4-1ubuntu0.16.04.1
libmng2:amd64	2.0.2-0ubuntu3
libmnl0:amd64	1.0.3-5
libmodplug1:amd64	1:0.8.8.5-2
libmount1:amd64	2.27.1-6ubuntu3.4
libmp3lame0:amd64	3.99.5+repack1-9build1
libmpc3:amd64	1.0.3-1
libmpdec2:amd64	2.4.2-1
libmpfr4:amd64	3.1.4-1
libmpx0:amd64	5.4.0-6ubuntu1~16.04.10
	5.4.0-6ubuntu1~16.04.9
libmtdev1:amd64	1.1.5-1ubuntu2
libmtp9:amd64	1.1.10-2ubuntu1
libmtp-common	1.1.10-2ubuntu1
libmtp-runtime	1.1.10-2ubuntu1
libmysqlclient20:amd64	5.7.21-0ubuntu0.16.04.1
libnautilus-extension1a:amd64	1:3.18.4.is.3.14.3-0ubuntu6

OSS 名称	バージョン
libnccl2	2.2.13-1+cuda9.0
libnccl-dev	2.2.13-1+cuda9.0
libncurses5:amd64	6.0+20160213-1ubuntu1
libncurses5-dev:amd64	6.0+20160213-1ubuntu1
libncursesw5:amd64	6.0+20160213-1ubuntu1
libndp0:amd64	1.4-2ubuntu0.16.04.1
libnetcf1:amd64	1:0.2.8-1ubuntu1
libnet-dns-perl	0.81-2build1
libnet-domain-tld-perl	1.73-1
libnetfilter-conntrack3:amd64	1.0.5-1
libnet-ip-perl	1.26-1
libnet-libidn-perl	0.12.ds-2build2
libnet-smtp-ssl-perl	1.03-1
libnet-ssleay-perl	1.72-1build1
libnettle6:amd64	3.2-1ubuntu0.16.04.1
libnewt0.52:amd64	0.52.18-1ubuntu2
libnfnetlink0:amd64	1.0.1-3
libnfsidmap2:amd64	0.25-5
libnih1:amd64	1.0.3-4.3ubuntu1
libnih-dbus1:amd64	1.0.3-4.3ubuntu1
libnl-3-200:amd64	3.2.27-1ubuntu0.16.04.1
libnl-genl-3-200:amd64	3.2.27-1ubuntu0.16.04.1
libnl-route-3-200:amd64	3.2.27-1ubuntu0.16.04.1
libnm0:amd64	1.2.6-0ubuntu0.16.04.2
libnma0:amd64	1.2.6-0ubuntu0.16.04.4
libnma-common	1.2.6-0ubuntu0.16.04.4
libnm-glib4:amd64	1.2.6-0ubuntu0.16.04.2
libnm-gtk0:amd64	1.2.6-0ubuntu0.16.04.4
libnm-gtk-common	1.2.6-0ubuntu0.16.04.4
libnm-util2:amd64	1.2.6-0ubuntu0.16.04.2
libnotify4:amd64	0.7.6-2svn1
libnspr4:amd64	2:4.13.1-0ubuntu0.16.04.1
libnss3:amd64	2:3.28.4-0ubuntu0.16.04.3
libnss3-1d:amd64	2:3.28.4-0ubuntu0.16.04.3
libnss3-nssdb	2:3.28.4-0ubuntu0.16.04.3

OSS 名称	バージョン
libnss-mdns:amd64	0.10-7
libnuma1:amd64	2.0.11-1ubuntu1.1
libnuma-dev:amd64	2.0.11-1ubuntu1.1
libnvidia-container1:amd64	1.0.0~rc.1-1
libnvidia-container1-dbg:amd64	1.0.0~rc.1-1
libnvidia-container-dev:amd64	1.0.0~rc.1-1
libnvidia-container-tools	1.0.0~rc.1-1
liboauth0:amd64	1.0.3-0ubuntu2
libogg0:amd64	1.3.2-1
libopencv2.4-java	2.4.9.1+dfsg-1.5ubuntu1
libopencv2.4-jni	2.4.9.1+dfsg-1.5ubuntu1
libopencv-calib3d2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-calib3d-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-contrib2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-contrib-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-core2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-core-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-dev	2.4.9.1+dfsg-1.5ubuntu1
libopencv-features2d2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-features2d-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-flann2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-flann-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-gpu2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-gpu-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-highgui2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-highgui-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-imgproc2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-imgproc-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-legacy2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-legacy-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-ml2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-ml-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-objdetect2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-objdetect-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-ocl2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1

OSS 名称	バージョン
libopencv-ocl-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-photo2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-photo-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-stitching2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-stitching-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-superres2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-superres-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-ts2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-ts-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-video2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-video-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-videostab2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopencv-videostab-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1
libopenexr22:amd64	2.2.0-10ubuntu2
libopenexr-dev	2.2.0-10ubuntu2
libopenipmi0	2.0.18-0ubuntu11.1
libopenjp2-7:amd64	2.1.0-2.1ubuntu0.1
libopenjpeg5:amd64	1:1.5.2-3.1
libopenmpi1.10	1.10.2-8ubuntu1
libopenmpi-dev	1.10.2-8ubuntu1
libopts25:amd64	1:5.18.7-3
libopus0:amd64	1.1.2-1ubuntu1
liborc-0.4-0:amd64	1:0.4.25-1
libosinfo-1.0-0:amd64	0.2.12-2ubuntu3
libp11-kit0:amd64	0.23.2-5~ubuntu16.04.1
libp11-kit-gnome-keyring:amd64	3.18.3-0ubuntu2
libpackagekit-glib2-16:amd64	0.8.17-4ubuntu6~gcc5.4ubuntu1.2
libpam0g:amd64	1.1.8-3.2ubuntu2
libpam-gnome-keyring:amd64	3.18.3-0ubuntu2
libpam-modules:amd64	1.1.8-3.2ubuntu2
libpam-modules-bin	1.1.8-3.2ubuntu2
libpam-runtime	1.1.8-3.2ubuntu2
libpam-systemd:amd64	229-4ubuntu21.2
libpanel-applet0	1:3.18.3-0ubuntu0.1
libpango-1.0-0:amd64	1.38.1-1

OSS 名称	バージョン
libpango1.0-dev	1.38.1-1
libpangocairo-1.0-0:amd64	1.38.1-1
libpangoft2-1.0-0:amd64	1.38.1-1
libpango-perl	1.227-1
libpangox-1.0-0:amd64	0.0.2-5
libpangoxft-1.0-0:amd64	1.38.1-1
libparse-debianchangelog-perl	1.2.0-8
libparted2:amd64	3.2-15ubuntu0.1
libpathplan4	2.38.0-12ubuntu2.1
libpcap0.8:amd64	1.7.4-2
libpci3:amd64	1:3.3.1-1.1ubuntu1.2
libpciaccess0:amd64	0.13.4-1
libpcre16-3:amd64	2:8.38-3.1
libpcre3:amd64	2:8.38-3.1
libpcre32-3:amd64	2:8.38-3.1
libpcre3-dev:amd64	2:8.38-3.1
libpcrecpp0v5:amd64	2:8.38-3.1
libpcsclite1:amd64	1.8.14-1ubuntu1.16.04.1
libperl5.22:amd64	5.22.1-9ubuntu0.2
libperlio-gzip-perl	0.19-1build1
libpipeline1:amd64	1.4.1-2
libpixman-1-0:amd64	0.33.6-1
libpixman-1-dev	0.33.6-1
libplist3:amd64	1.12-3.1ubuntu0.16.04.1
libplymouth4:amd64	0.9.2-3ubuntu13.2
libpng12-0:amd64	1.2.54-1ubuntu1
	1.2.54-1ubuntu1.1
libpng12-dev:amd64	1.2.54-1ubuntu1
	1.2.54-1ubuntu1.1
libpng3:amd64	1.2.54-1ubuntu1
libpolkit-agent-1-0:amd64	0.105-14.1
libpolkit-backend-1-0:amd64	0.105-14.1
libpolkit-gobject-1-0:amd64	0.105-14.1
libpopt0:amd64	1.16-10
libpq5:amd64	9.5.12-0ubuntu0.16.04

OSS 名称	バージョン
libpq-dev	9.5.12-0ubuntu0.16.04
libprocps4:amd64	2:3.3.10-4ubuntu2.3
libprotobuf9v5:amd64	2.6.1-1.3
libprotobuf-dev:amd64	2.6.1-1.3
libprotobuf-lite9v5:amd64	2.6.1-1.3
libprotoc9v5:amd64	2.6.1-1.3
libproxy1v5:amd64	0.4.11-5ubuntu1
libpthread-stubs0-dev:amd64	0.3-4
libpulse0:amd64	1:8.0-0ubuntu3.8
libpulsedsp:amd64	1:8.0-0ubuntu3.8
libpulse-mainloop-glib0:amd64	1:8.0-0ubuntu3.8
libpwquality1:amd64	1.3.0-0ubuntu1
libpwquality-common	1.3.0-0ubuntu1
libpython2.7:amd64	2.7.12-1ubuntu0~16.04.3
libpython2.7-dev:amd64	2.7.12-1ubuntu0~16.04.3
libpython2.7-minimal:amd64	2.7.12-1ubuntu0~16.04.3
libpython2.7-stdlib:amd64	2.7.12-1ubuntu0~16.04.3
libpython3.5:amd64	3.5.2-2ubuntu0~16.04.4
libpython3.5-minimal:amd64	3.5.2-2ubuntu0~16.04.4
libpython3.5-stdlib:amd64	3.5.2-2ubuntu0~16.04.4
libpython3-stdlib:amd64	3.5.1-3
libpython-all-dev:amd64	2.7.12-1~16.04
libpython-dev:amd64	2.7.12-1~16.04
libpython-stdlib:amd64	2.7.12-1~16.04
libqmi-glib5:amd64	1.16.2-1ubuntu0.16.04.1
libqmi-proxy	1.16.2-1ubuntu0.16.04.1
libqt4-dbus:amd64	4:4.8.7+dfsg-5ubuntu2
libqt4-declarative:amd64	4:4.8.7+dfsg-5ubuntu2
libqt4-designer:amd64	4:4.8.7+dfsg-5ubuntu2
libqt4-help:amd64	4:4.8.7+dfsg-5ubuntu2
libqt4-network:amd64	4:4.8.7+dfsg-5ubuntu2
libqt4-opengl:amd64	4:4.8.7+dfsg-5ubuntu2
libqt4-script:amd64	4:4.8.7+dfsg-5ubuntu2
libqt4-scripttools:amd64	4:4.8.7+dfsg-5ubuntu2
libqt4-sql:amd64	4:4.8.7+dfsg-5ubuntu2

OSS 名称	バージョン
libqt4-sql-mysql:amd64	4:4.8.7+dfsg-5ubuntu2
libqt4-svg:amd64	4:4.8.7+dfsg-5ubuntu2
libqt4-test:amd64	4:4.8.7+dfsg-5ubuntu2
libqt4-xml:amd64	4:4.8.7+dfsg-5ubuntu2
libqt4-xmlpatterns:amd64	4:4.8.7+dfsg-5ubuntu2
libqt5core5a:amd64	5.5.1+dfsg-16ubuntu7.5
libqt5dbus5:amd64	5.5.1+dfsg-16ubuntu7.5
libqt5gui5:amd64	5.5.1+dfsg-16ubuntu7.5
libqt5network5:amd64	5.5.1+dfsg-16ubuntu7.5
libqt5opengl5:amd64	5.5.1+dfsg-16ubuntu7.5
libqt5printsupport5:amd64	5.5.1+dfsg-16ubuntu7.5
libqt5qml5:amd64	5.5.1-2ubuntu6
libqt5quick5:amd64	5.5.1-2ubuntu6
libqt5sql5:amd64	5.5.1+dfsg-16ubuntu7.5
libqt5sql5-sqlite:amd64	5.5.1+dfsg-16ubuntu7.5
libqt5svg5:amd64	5.5.1-2build1
libqt5webkit5:amd64	5.5.1+dfsg-2ubuntu1
libqt5widgets5:amd64	5.5.1+dfsg-16ubuntu7.5
libqt5xml5:amd64	5.5.1+dfsg-16ubuntu7.5
libqtassistantclient4:amd64	4.6.3-7
libqtcore4:amd64	4:4.8.7+dfsg-5ubuntu2
libqtdbus4:amd64	4:4.8.7+dfsg-5ubuntu2
libqtgui4:amd64	4:4.8.7+dfsg-5ubuntu2
libqtwebkit4:amd64	2.3.2-0ubuntu11
libquadmath0:amd64	5.4.0-6ubuntu1~16.04.10
	5.4.0-6ubuntu1~16.04.9
librados2	10.2.9-0ubuntu0.16.04.1
libraw1394-11:amd64	2.1.1-2
libraw1394-dev:amd64	2.1.1-2
libraw1394-tools	2.1.1-2
libraw15:amd64	0.17.1-1ubuntu0.1
librbd1	10.2.9-0ubuntu0.16.04.1
libreadline6:amd64	6.3-8ubuntu2
librest-0.7-0:amd64	0.7.93-1
libroken18-heimdal:amd64	1.7~git20150920+dfsg-4ubuntu1.16.04.1

OSS 名称	バージョン
librsvg2-2:amd64	2.40.13-3
librsvg2-common:amd64	2.40.13-3
librsync1:amd64	0.9.7-10
librtmp1:amd64	2.4+20151223.gitfa8646d-1ubuntu0.1
libsamplerate0:amd64	0.1.8-8
libsane:amd64	1.0.25+git20150528-1ubuntu2.16.04.1
libsane-common	1.0.25+git20150528-1ubuntu2.16.04.1
libsasl2-2:amd64	2.1.26.dfsg1-14build1
libsasl2-dev	2.1.26.dfsg1-14build1
libsasl2-modules:amd64	2.1.26.dfsg1-14build1
libsasl2-modules-db:amd64	2.1.26.dfsg1-14build1
libschroedinger-1.0-0:amd64	1.0.11-2.1build1
libsdl1.2debian:amd64	1.2.15+dfsg1-3
libseccomp2:amd64	2.3.1-2.1ubuntu2~16.04.1
libsecret-1-0:amd64	0.18.4-1ubuntu2
libsecret-common	0.18.4-1ubuntu2
libselinux1:amd64	2.4-3build2
libselinux1-dev:amd64	2.4-3build2
libsemanage1:amd64	2.3-1build3
libsemanage-common	2.3-1build3
libsensors4:amd64	1:3.4.0-2
libsepol1:amd64	2.4-2
libsepol1-dev:amd64	2.4-2
libsgutils2-2	1.40-0ubuntu1
libshine3:amd64	3.1.0-4
libshout3:amd64	2.3.1-3
libsignon-extension1:amd64	8.58+16.04.20151106-0ubuntu1
libsignon-glib1:amd64	1.13+16.04.20151209.1-0ubuntu1
libsignon-plugins-common1:amd64	8.58+16.04.20151106-0ubuntu1
libsignon-qt5-1:amd64	8.58+16.04.20151106-0ubuntu1
libsigsegv2:amd64	2.10-4
libslang2:amd64	2.3.0-2ubuntu1
libslang2-dev:amd64	2.3.0-2ubuntu1
libsm6:amd64	2:1.2.2-1
libsmartcols1:amd64	2.27.1-6ubuntu3.4

OSS 名称	バージョン
libsmbclient:amd64	2:4.3.11+dfsg-0ubuntu0.16.04.13
libsmbclient-dev:amd64	2:4.3.11+dfsg-0ubuntu0.16.04.13
libsm-dev:amd64	2:1.2.2-1
libsnappy1v5:amd64	1.1.3-2
libsnappy-dev:amd64	1.1.3-2
libsndfile1:amd64	1.0.25-10ubuntu0.16.04.1
libsnmp30:amd64	5.7.3+dfsg-1ubuntu4.1
libsnmp-base	5.7.3+dfsg-1ubuntu4.1
libsocket6-perl	0.25-1build2
libsoup2.4-1:amd64	2.52.2-1ubuntu0.2
libsoup-gnome2.4-1:amd64	2.52.2-1ubuntu0.2
libsoxr0:amd64	0.1.2-1
libspeex1:amd64	1.2~rc1.2-1ubuntu1
libspeexdsp1:amd64	1.2~rc1.2-1ubuntu1
libspice-client-glib-2.0-8:amd64	0.30-1
libspice-client-gtk-3.0-4:amd64	0.30-1
libspice-server1:amd64	0.12.6-4ubuntu0.3
libsqlite3-0:amd64	3.11.0-1ubuntu1
libss2:amd64	1.42.13-1ubuntu1
libssh-gcrypt-4:amd64	0.6.3-4.3
libssl1.0.0:amd64	1.0.2g-1ubuntu4.11
libssl-dev:amd64	1.0.2g-1ubuntu4.11
libssl-doc	1.0.2g-1ubuntu4.11
libstartup-notification0:amd64	0.12-4build1
libstdc++-5-dev:amd64	5.4.0-6ubuntu1~16.04.10
	5.4.0-6ubuntu1~16.04.9
libstdc++6:amd64	5.4.0-6ubuntu1~16.04.10
	5.4.0-6ubuntu1~16.04.9
libsub-name-perl	0.14-1build1
libswresample-dev:amd64	7:2.8.11-0ubuntu0.16.04.1
libswresample-ffmpeg1:amd64	7:2.8.11-0ubuntu0.16.04.1
libswscale-dev:amd64	7:2.8.11-0ubuntu0.16.04.1
libswscale-ffmpeg3:amd64	7:2.8.11-0ubuntu0.16.04.1
libsys-hostname-long-perl	1.5-1

OSS 名称	バージョン
libsystemd0:amd64	229-4ubuntu21.1
	229-4ubuntu21.2
libsz2:amd64	0.3.2-1
libtag1v5:amd64	1.9.1-2.4ubuntu1
libtag1v5-vanilla:amd64	1.9.1-2.4ubuntu1
libtalloc2:amd64	2.1.5-2
libtasn1-6:amd64	4.7-3ubuntu0.16.04.3
libtbb2:amd64	4.4~20151115-0ubuntu3
libtcl8.6:amd64	8.6.5+dfsg-2
libtdb1:amd64	1.3.8-2
libtevent0:amd64	0.9.28-0ubuntu0.16.04.1
libtext-charwidth-perl	0.04-7build5
libtext-iconv-perl	1.7-5build4
libtext-levenshtein-perl	0.13-1
libtext-wrapi18n-perl	0.06-7.1
libthai0:amd64	0.1.24-2
libthai-data	0.1.24-2
libtheora0:amd64	1.1.1+dfsg.1-8
libtiff5:amd64	4.0.6-1ubuntu0.4
libtiff5-dev:amd64	4.0.6-1ubuntu0.4
libtiffxx5:amd64	4.0.6-1ubuntu0.4
libtimedate-perl	2.3000-2
libtimezonemap1:amd64	0.4.5
libtimezonemap-data	0.4.5
libtinfo5:amd64	6.0+20160213-1ubuntu1
libtinfo-dev:amd64	6.0+20160213-1ubuntu1
libtirpc1:amd64	0.2.5-1
libtk8.6:amd64	8.6.5-1
libtool	2.4.6-0.1
libtsan0:amd64	5.4.0-6ubuntu1~16.04.10
	5.4.0-6ubuntu1~16.04.9
libturbojpeg:amd64	1.4.2-0ubuntu3
libtwolame0:amd64	0.3.13-1.2
libtxc-dxtn-s2tc0:amd64	0~git20131104-1.1

OSS 名称	バージョン
libubsan0:amd64	5.4.0-6ubuntu1~16.04.10
	5.4.0-6ubuntu1~16.04.9
libudev1:amd64	229-4ubuntu21.1
	229-4ubuntu21.2
libudisks2-0:amd64	2.1.7-1ubuntu1
libunistring0:amd64	0.9.3-5.2ubuntu1
libunity9:amd64	7.1.4+16.04.20180209.1-0ubuntu1
libunity-control-center1	15.04.0+16.04.20171130-0ubuntu1
libunity-protocol-private0:amd64	7.1.4+16.04.20180209.1-0ubuntu1
libunity-scopes-json-def-desktop	7.1.4+16.04.20180209.1-0ubuntu1
libunity-settings-daemon1:amd64	15.04.1+16.04.20160701-0ubuntu1
libunwind8	1.1-4.1
libupower-glib3:amd64	0.99.4-2ubuntu0.3
liburi-perl	1.71-1
liburl-dispatcher1:amd64	0.1+16.04.20151110-0ubuntu2
libusb-0.1-4:amd64	2:0.1.12-28
libusb-1.0-0:amd64	2:1.0.20-1
libusbmuxd4:amd64	1.0.10-2ubuntu0.1
libusbredirhost1:amd64	0.7.1-1
libusbredirparser1:amd64	0.7.1-1
libustr-1.0-1:amd64	1.0.4-5
libutempter0:amd64	1.1.6-3
libuuid1:amd64	2.27.1-6ubuntu3.4
libv4l-0:amd64	1.10.0-1
libv4lconvert0:amd64	1.10.0-1
libva1:amd64	1.7.0-1ubuntu0.1
libvdpau1:amd64	1.1.1-3ubuntu1
libvirt0:amd64	1.3.1-1ubuntu10.19
libvirt-bin	1.3.1-1ubuntu10.19
libvirt-glib-1.0-0:amd64	0.2.2-0.1ubuntu1
libvisual-0.4-0:amd64	0.4.0-8
libvorbis0a:amd64	1.3.5-3ubuntu0.2
libvorbisenc2:amd64	1.3.5-3ubuntu0.2
libvorbisfile3:amd64	1.3.5-3ubuntu0.2
libvpx3:amd64	1.5.0-2ubuntu1

OSS 名称	バージョン
libvte-2.91-0:amd64	0.42.5-1ubuntu1
libvte-2.91-common	0.42.5-1ubuntu1
libwacom2:amd64	0.22-1~ubuntu16.04.1
libwacom-bin	0.22-1~ubuntu16.04.1
libwacom-common	0.22-1~ubuntu16.04.1
libwavpack1:amd64	4.75.2-2ubuntu0.1
libwayland-client0:amd64	1.12.0-1~ubuntu16.04.2
libwayland-cursor0:amd64	1.12.0-1~ubuntu16.04.2
libwayland-egl1-mesa:amd64	17.2.8-0ubuntu0~16.04.1
libwayland-server0:amd64	1.12.0-1~ubuntu16.04.2
libwbclient0:amd64	2:4.3.11+dfsg-0ubuntu0.16.04.13
libwebkit2gtk-4.0-37:amd64	2.18.6-0ubuntu0.16.04.1
libwebkit2gtk-4.0-37-gtk2:amd64	2.18.6-0ubuntu0.16.04.1
libwebp5:amd64	0.4.4-1
libwebpmux1:amd64	0.4.4-1
libwebrtc-audio-processing-0:amd64	0.1-3ubuntu1~gcc5.1
libwind0-heimdal:amd64	1.7~git20150920+dfsg-4ubuntu1.16.04.1
libwnck-3-0:amd64	3.14.1-2
libwnck-3-common	3.14.1-2
libwrap0:amd64	7.6.q-25
libx11-6:amd64	2:1.6.3-1ubuntu2
libx11-data	2:1.6.3-1ubuntu2
libx11-dev:amd64	2:1.6.3-1ubuntu2
libx11-doc	2:1.6.3-1ubuntu2
libx11-xcb1:amd64	2:1.6.3-1ubuntu2
libx264-148:amd64	2:0.148.2643+git5c65704-1
libx265-79:amd64	1.9-3
libx86-1:amd64	1.1+ds1-10
libxapian-1.3-5:amd64	1.3.4-0ubuntu6
libxapian22v5:amd64	1.2.22-2
libxau6:amd64	1:1.0.8-1
libxau-dev:amd64	1:1.0.8-1
libxaw7:amd64	2:1.0.13-1
libxcb1:amd64	1.11.1-1ubuntu1
libxcb1-dev:amd64	1.11.1-1ubuntu1

OSS 名称	バージョン
libxcb-dri2-0:amd64	1.11.1-1ubuntu1
libxcb-dri3-0:amd64	1.11.1-1ubuntu1
libxcb-glx0:amd64	1.11.1-1ubuntu1
libxcb-icccm4:amd64	0.4.1-1ubuntu1
libxcb-image0:amd64	0.4.0-1build1
libxcb-keysyms1:amd64	0.4.0-1
libxcb-present0:amd64	1.11.1-1ubuntu1
libxcb-randr0:amd64	1.11.1-1ubuntu1
libxcb-render0:amd64	1.11.1-1ubuntu1
libxcb-render0-dev:amd64	1.11.1-1ubuntu1
libxcb-render-util0:amd64	0.3.9-1
libxcb-shape0:amd64	1.11.1-1ubuntu1
libxcb-shm0:amd64	1.11.1-1ubuntu1
libxcb-shm0-dev:amd64	1.11.1-1ubuntu1
libxcb-sync1:amd64	1.11.1-1ubuntu1
libxcb-util1:amd64	0.4.0-0ubuntu3
libxcb-xfixes0:amd64	1.11.1-1ubuntu1
libxcb-xkb1:amd64	1.11.1-1ubuntu1
libxcomposite1:amd64	1:0.4.4-1
libxcomposite-dev	1:0.4.4-1
libxcursor1:amd64	1:1.1.14-1ubuntu0.16.04.1
libxcursor-dev:amd64	1:1.1.14-1ubuntu0.16.04.1
libxdamage1:amd64	1:1.1.4-2
libxdamage-dev:amd64	1:1.1.4-2
libxdmcp6:amd64	1:1.1.2-1.1
libxdmcp-dev:amd64	1:1.1.2-1.1
libxen-4.6:amd64	4.6.5-0ubuntu1.4
libxenstore3.0:amd64	4.6.5-0ubuntu1.4
libxext6:amd64	2:1.3.3-1
libxext-dev:amd64	2:1.3.3-1
libxfixes3:amd64	1:5.0.1-2
libxfixes-dev:amd64	1:5.0.1-2
libxfont1:amd64	1:1.5.1-1ubuntu0.16.04.4
libxft2:amd64	2.3.2-1
libxft-dev	2.3.2-1

OSS 名称	バージョン
libxi6:amd64	2:1.7.6-1
libxi-dev	2:1.7.6-1
libxinerama1:amd64	2:1.1.3-1
libxinerama-dev:amd64	2:1.1.3-1
libxkbcommon0:amd64	0.5.0-1ubuntu2
libxkbcommon-x11-0:amd64	0.5.0-1ubuntu2
libxkbfile1:amd64	1:1.0.9-0ubuntu1
libxklavier16:amd64	5.4-0ubuntu2
libxml2:amd64	2.9.3+dfsg1-1ubuntu0.5
libxml2-dev:amd64	2.9.3+dfsg1-1ubuntu0.5
libxml2-utils	2.9.3+dfsg1-1ubuntu0.5
libxmu6:amd64	2:1.1.2-2
libxmuu1:amd64	2:1.1.2-2
libxnvctrl0	390.30-0ubuntu1
libxpm4:amd64	1:3.5.11-1ubuntu0.16.04.1
libxrandr2:amd64	2:1.5.0-1
libxrandr-dev:amd64	2:1.5.0-1
libxrender1:amd64	1:0.9.9-0ubuntu1
libxrender-dev:amd64	1:0.9.9-0ubuntu1
libxres1:amd64	2:1.0.7-1
libxshmfence1:amd64	1.2-1
libxslt1.1:amd64	1.1.28-2.1ubuntu0.1
libxss1:amd64	1:1.2.2-1
libxt6:amd64	1:1.1.5-0ubuntu1
libxtables11:amd64	1.6.0-2ubuntu3
libxtst6:amd64	2:1.2.2-1
libxv1:amd64	2:1.0.10-1
libxvidcore4:amd64	2:1.3.4-1
libxxf86dga1:amd64	2:1.1.4-1
libxxf86vm1:amd64	1:1.1.4-1
libyajl2:amd64	2.1.0-2
libyaml-libyaml-perl	0.41-6build1
libyelp0:amd64	3.18.1-1ubuntu4
libzinnia0v5	0.06-2ubuntu2
libzvbi0:amd64	0.2.35-10

OSS 名称	バージョン
libzvbi-common	0.2.35-10
lightdm	1.18.3-0ubuntu1.1
lintian	2.5.43ubuntu0.1
linux-base	4.0ubuntu1
linux-crashdump	4.4.0.131.137
linux-firmware	1.157.17
linux-generic	4.4.0.116.122
linux-headers-4.4.0-116	4.4.0-116.140
linux-headers-4.4.0-116-generic	4.4.0-116.140
linux-headers-generic	4.4.0.116.122
linux-image-4.4.0-116-generic	4.4.0-116.140
linux-image-extra-4.4.0-116-generic	4.4.0-116.140
linux-image-generic	4.4.0.116.122
linux-libc-dev:amd64	4.4.0-116.140
lmdb-doc	0.9.17-3
locales	2.23-0ubuntu10
login	1:4.2-3.1ubuntu5.3
logrotate	3.8.7-2ubuntu2.16.04.2
lsb-base	9.20160110ubuntu0.2
lsb-release	9.20160110ubuntu0.2
lsof	4.89+dfsg-0.1
m4	1.4.17-5
make	4.1-6
makedev	2.3.1-93ubuntu2~ubuntu16.04.1
makedumpfile	1:1.6.3-2~16.04.1
man-db	2.7.5-1
manpages	4.04-2
manpages-dev	4.04-2
mawk	1.3.3-17ubuntu2
mdadm	3.3-2ubuntu7.6
mesa-va-drivers:amd64	17.2.8-0ubuntu0~16.04.1
mesa-vdpau-drivers:amd64	17.2.8-0ubuntu0~16.04.1
mime-support	3.59ubuntu1
mobile-broadband-provider-info	20140317-1
modemmanager	1.6.4-1ubuntu0.16.04.1

OSS 名称	バージョン
mount	2.27.1-6ubuntu3.4
mountall	2.54ubuntu1
mousetweaks	3.12.0-1ubuntu2
mozc-data	2.17.2116.102+gitfd0f5b34+dfsg-1ubuntu1.1
mozc-server	2.17.2116.102+gitfd0f5b34+dfsg-1ubuntu1.1
mozc-utils-gui	2.17.2116.102+gitfd0f5b34+dfsg-1ubuntu1.1
mpi-default-bin	1.4
mpi-default-dev	1.4
msr-tools	1.3-2
multiarch-support	2.23-0ubuntu10
mysql-common	5.7.21-0ubuntu0.16.04.1
nautilus-data	1:3.18.4.is.3.14.3-0ubuntu6
ncurses-base	6.0+20160213-1ubuntu1
ncurses-bin	6.0+20160213-1ubuntu1
ncurses-term	6.0+20160213-1ubuntu1
netbase	5.3
netcat-openbsd	1.105-7ubuntu1
netfilter-persistent	1.0.4
net-tools	1.60-26ubuntu1
network-manager	1.2.6-0ubuntu0.16.04.2
network-manager-gnome	1.2.6-0ubuntu0.16.04.4
network-manager-pptp	1.1.93-1ubuntu1
nfs-common	1:1.2.8-9ubuntu12.1
nfs-kernel-server	1:1.2.8-9ubuntu12.1
nginx	1.10.3-0ubuntu0.16.04.2
nginx-common	1.10.3-0ubuntu0.16.04.2
nginx-extras	1.10.3-0ubuntu0.16.04.2
notification-daemon	3.18.2-1
ntfs-3g	1:2015.3.14AR.1-1ubuntu0.1
ntp	1:4.2.8p4+dfsg-3ubuntu5.8
nvidia-390	390.30-0ubuntu1
nvidia-390-dev	390.30-0ubuntu1
nvidia-diag-driver-local-repo-ubuntu1604-390.30	1.0-1
nvidia-modprobe	390.30-0ubuntu1

OSS 名称	バージョン
nvidia-opencl-icd-390	390.30-0ubuntu1
nvidia-prime	0.8.2
nvidia-settings	390.30-0ubuntu1
ocl-icd-libopencl1:amd64	2.2.8-1
oneconf	0.3.9
oneconf-common	0.3.9
opencv-data	2.4.9.1+dfsg-1.5ubuntu1
openipmi	2.0.18-0ubuntu11.1
openmpi-bin	1.10.2-8ubuntu1
openmpi-common	1.10.2-8ubuntu1
openssh-client	1:7.2p2-4ubuntu2.4
openssh-server	1:7.2p2-4ubuntu2.4
openssh-sftp-server	1:7.2p2-4ubuntu2.4
openssl	1.0.2g-1ubuntu4.11
os-prober	1.70ubuntu3.3
p11-kit	0.23.2-5~ubuntu16.04.1
p11-kit-modules:amd64	0.23.2-5~ubuntu16.04.1
parted	3.2-15ubuntu0.1
passwd	1:4.2-3.1ubuntu5.3
patch	2.7.5-1
patchutils	0.3.4-1
pciutils	1:3.3.1-1.1ubuntu1.2
perl	5.22.1-9ubuntu0.2
perl-base	5.22.1-9ubuntu0.2
perl-modules-5.22	5.22.1-9ubuntu0.2
pigz	2.3.1-2
pinentry-gnome3	0.9.7-3
pkg-config	0.29.1-0ubuntu1
plymouth	0.9.2-3ubuntu13.2
plymouth-theme-ubuntu-text	0.9.2-3ubuntu13.2
pm-utils	1.4.1-16
po-debconf	1.0.19
policykit-1	0.105-14.1
policykit-1-gnome	0.105-2ubuntu2
postgresql-client	9.5+173ubuntu0.1

OSS 名称	バージョン
postgresql-client-9.5	9.5.12-0ubuntu0.16.04
postgresql-client-common	173ubuntu0.1
powermgmt-base	1.31+nmu1
ppp	2.4.7-1+2ubuntu1
pptp-linux	1.8.0-1
procps	2:3.3.10-4ubuntu2.3
protobuf-compiler	2.6.1-1.3
psmisc	22.21-2.1build1
pulseaudio	1:8.0-0ubuntu3.8
pulseaudio-module-x11	1:8.0-0ubuntu3.8
pulseaudio-utils	1:8.0-0ubuntu3.8
python	2.7.12-1~16.04
python2.7	2.7.12-1ubuntu0~16.04.3
python2.7-dev	2.7.12-1ubuntu0~16.04.3
python2.7-minimal	2.7.12-1ubuntu0~16.04.3
python3	3.5.1-3
python3.5	3.5.2-2ubuntu0~16.04.4
python3.5-minimal	3.5.2-2ubuntu0~16.04.4
python3-apport	2.20.1-0ubuntu2.15
python3-apt	1.1.0~beta1ubuntu0.16.04.1
python3-aptdaemon	1.1.1+bzr982-0ubuntu14
python3-aptdaemon.gtk3widgets	1.1.1+bzr982-0ubuntu14
python3-aptdaemon.pkcompat	1.1.1+bzr982-0ubuntu14
python3-blinker	1.3.dfsg2-1build1
python3-bs4	4.4.1-1
python3-cairo	1.10.0+dfsg-5build1
python3-cffi-backend	1.5.2-1ubuntu1
python3-chardet	2.3.0-2
python3-commandnotfound	0.3ubuntu16.04.2
python3-cryptography	1.2.3-1ubuntu0.1
python3-cups	1.9.73-0ubuntu2
python3-cupshelpers	1.5.7+20160212-0ubuntu2
python3-dbus	1.2.0-3
python3-debian	0.1.27ubuntu2
python3-defer	1.0.6-2build1

OSS 名称	バージョン
python3-distupgrade	1:16.04.24
python3-gdbm:amd64	3.5.1-1
python3-gi	3.20.0-0ubuntu1
python3-html5lib	0.999-4
python3-httplib2	0.9.1+dfsg-1
python3-idna	2.0-3
python3-jwt	1.3.0-1ubuntu0.1
python3-lxml	3.5.0-1build1
python3-minimal	3.5.1-3
python3-oauthlib	1.0.3-1
python3-oneconf	0.3.9
python3-piston-mini-client	0.7.5-0ubuntu2
python3-pkg-resources	20.7.0-1
python3-problem-report	2.20.1-0ubuntu2.15
python3-pyasn1	0.1.9-1
python3-pycurl	7.43.0-1ubuntu1
python3-requests	2.9.1-3
python3-six	1.10.0-3
python3-software-properties	0.96.20.7
python3-systemd	231-2build1
python3-update-manager	1:16.04.12
python3-urllib3	1.13.1-2ubuntu0.16.04.1
python3-xapian1.3	1.3.4-0ubuntu1
python3-xdg	0.25-4
python3-xkit	0.5.0ubuntu2
python-all	2.7.12-1~16.04
python-all-dev	2.7.12-1~16.04
python-apt	1.1.0~beta1ubuntu0.16.04.1
python-apt-common	1.1.0~beta1ubuntu0.16.04.1
python-aptdaemon	1.1.1+bzr982-0ubuntu14
python-aptdaemon.gtk3widgets	1.1.1+bzr982-0ubuntu14
python-attr	15.2.0-1
python-blinker	1.3.dfsg2-1build1
python-bs4	4.4.1-1
python-cairo	1.8.8-2

OSS 名称	バージョン
python-cffi-backend	1.5.2-1ubuntu1
python-chardet	2.3.0-2
python-cryptography	1.2.3-1ubuntu0.1
python-cups	1.9.73-0ubuntu2
python-cycler	0.9.0-1
python-dateutil	2.4.2-1
python-dbus	1.2.0-3
python-debian	0.1.27ubuntu2
python-debtagshw	2.0.1ubuntu6
python-decorator	4.0.6-1
python-defer	1.0.6-2build1
python-dev	2.7.12-1~16.04
python-dirspec	13.10-1ubuntu1
python-egenix-mxdatetime	3.2.9-1
python-egenix-mxtools	3.2.9-1
python-enum34	1.1.2-1
python-gi	3.20.0-0ubuntu1
python-gi-cairo	3.20.0-0ubuntu1
python-glade2	2.24.0-4ubuntu1
python-gobject-2	2.28.6-12ubuntu1
python-gtk2	2.24.0-4ubuntu1
python-html5lib	0.999-4
python-httplib2	0.9.1+dfsg-1
python-idna	2.0-3
python-imaging	3.1.2-0ubuntu1.1
python-ipaddr	2.1.11-2
python-ipaddress	1.0.16-1
python-jwt	1.3.0-1ubuntu0.1
python-libvirt	1.3.1-1ubuntu1.1
python-libxml2	2.9.3+dfsg1-1ubuntu0.5
python-lockfile	1:0.12.2-1
python-lxml	3.5.0-1build1
python-matplotlib	1.5.1-1ubuntu1
python-matplotlib-data	1.5.1-1ubuntu1
python-meld3	1.0.2-2

OSS 名称	バージョン
python-minimal	2.7.12-1~16.04
python-ndg-httpsclient	0.4.0-3
python-nose	1.3.7-1
python-numpy	1:1.11.0-1ubuntu1
python-oauthlib	1.0.3-1
python-oneconf	0.3.9
python-openssl	0.15.1-2build1
python-pam	0.4.2-13.2ubuntu2
python-pil:amd64	3.1.2-0ubuntu1.1
python-pip	8.1.1-2ubuntu0.4
python-pip-whl	8.1.1-2ubuntu0.4
python-piston-mini-client	0.7.5-0ubuntu2
python-pkg-resources	20.7.0-1
python-psycopg2	2.6.1-1build2
python-pyasn1	0.1.9-1
python-pyasn1-modules	0.0.7-0.1
python-pycurl	7.43.0-1ubuntu1
python-pydot	1.0.28-2
python-pyparsing	2.0.3+dfsg1-1ubuntu0.1
python-qt4	4.11.4+dfsg-1build4
python-requests	2.9.1-3
python-scipy	0.17.0-1
python-serial	3.0.1-1
python-service-identity	16.0.0-2
python-setuptools	20.7.0-1
python-sip	4.17+dfsg-1build1
python-six	1.10.0-3
python-skimage	0.10.1-2build1
python-skimage-lib	0.10.1-2build1
python-sqlalchemy	1.0.11+ds1-1ubuntu2
python-sqlalchemy-ext	1.0.11+ds1-1ubuntu2
python-talloc	2.1.5-2
python-tk	2.7.12-1~16.04
python-twisted-bin	16.0.0-1ubuntu0.2
python-twisted-core	16.0.0-1ubuntu0.2

OSS 名称	バージョン
python-twisted-web	16.0.0-1ubuntu0.2
python-tz	2014.10~dfsg1-0ubuntu2
python-ubuntu-sso-client	13.10-0ubuntu11
python-urlgrabber	3.9.1-4.2ubuntu1
python-urllib3	1.13.1-2ubuntu0.16.04.1
python-wheel	0.29.0-1
python-xapian	1.2.22-2build1
python-xdg	0.25-4
python-zope.interface	4.1.3-1build1
qdbus	4:4.8.7+dfsg-5ubuntu2
qemu-block-extra:amd64	1:2.5+dfsg-5ubuntu10.24
qemu-kvm	1:2.5+dfsg-5ubuntu10.24
qemu-system-common	1:2.5+dfsg-5ubuntu10.24
qemu-system-x86	1:2.5+dfsg-5ubuntu10.24
qemu-utils	1:2.5+dfsg-5ubuntu10.24
qt-at-spi:amd64	0.4.0-3
qtchooser	52-gae5eeef-2build1~gcc5.2
qtcore4-l10n	4:4.8.7+dfsg-5ubuntu2
qttranslations5-l10n	5.5.1-2build1
readline-common	6.3-8ubuntu2
realpath	8.25-2ubuntu3~16.04
rename	0.20-4
resolvconf	1.78ubuntu6
rpcbind	0.2.3-0.2
rsync	3.1.1-3ubuntu1.2
rsyslog	8.16.0-1ubuntu3
rtkit	0.11-4
samba-libs:amd64	2:4.3.11+dfsg-0ubuntu0.16.04.13
sane-utils	1.0.25+git20150528-1ubuntu2.16.04.1
screen-resolution-extra	0.17.1.1~16.04.1
seabios	1.8.2-1ubuntu1
sed	4.2.2-7
sensible-utils	0.0.9ubuntu0.16.04.1
sessioninstaller	0.20+bzr150-0ubuntu4.1
session-migration	0.2.3

OSS 名称	バージョン
sgml-base	1.26+nmu4ubuntu1
shared-mime-info	1.5-2ubuntu0.1
shared-mime-info	1.5-2ubuntu0.2
sharutils	1:4.15.2-1ubuntu0.1
signond	8.58+16.04.20151106-0ubuntu1
signon-keyring-extension	0.6+14.10.20140513-0ubuntu2
signon-plugin-oauth2	0.23+16.04.20151209-0ubuntu1
signon-plugin-password	8.58+16.04.20151106-0ubuntu1
signon-ui	0.17+16.04.20151125-0ubuntu1
signon-ui-service	0.17+16.04.20151125-0ubuntu1
signon-ui-x11	0.17+16.04.20151125-0ubuntu1
smartmontools	6.4+svn4214-1
software-center	16.01+16.04.20160420
software-center-aptdaemon-plugins	0.1.6build1
software-properties-common	0.96.20.7
software-properties-gtk	0.96.20.7
sound-theme-freedesktop	0.8-1
spice-client-glib-usb-acl-helper	0.30-1
ssh	1:7.2p2-4ubuntu2.4
ssh-import-id	5.5-0ubuntu1
sshpass	1.05-1
sudo	1.8.16-0ubuntu1.5
supervisor	3.2.0-2ubuntu0.2
sysstat	11.2.0-1ubuntu0.2
system-config-printer-common	1.5.7+20160212-0ubuntu2
system-config-printer-gnome	1.5.7+20160212-0ubuntu2
system-config-printer-udev	1.5.7+20160212-0ubuntu2
systemd	229-4ubuntu21.1
	229-4ubuntu21.2
systemd-sysv	229-4ubuntu21.1
	229-4ubuntu21.2
sysvinit-utils	2.88dsf-59.3ubuntu2
sysv-rc	2.88dsf-59.3ubuntu2
t1utils	1.39-2
tar	1.28-2.1ubuntu0.1

OSS 名称	バージョン
tasksel	3.34ubuntu3
tasksel-data	3.34ubuntu3
tcl8.6	8.6.5+dfsg-2
tcl-expect:amd64	5.45-7
tcpd	7.6.q-25
tegaki-zinnia-japanese	0.3-1
tk8.6	8.6.5-1
tk8.6-blt2.5	2.5.3+dfsg-3
trace-cmd	2.5.3-1
ttf-bitstream-vera	1.10-8
tzdata	2017c-0ubuntu0.16.04
ubuntu-drivers-common	1:0.4.17.7
ubuntu-keyring	2012.05.19
ubuntu-minimal	1.361.1
ubuntu-mono	14.04+16.04.20171116-0ubuntu1
ubuntu-release-upgrader-core	1:16.04.24
ubuntu-release-upgrader-gtk	1:16.04.24
ubuntu-sso-client	13.10-0ubuntu11
ubuntu-system-service	0.3
ubuntu-touch-sounds	15.08
ucf	3.0036
udev	229-4ubuntu21.2
udisks2	2.1.7-1ubuntu1
unattended-upgrades	0.90ubuntu0.9
unity-asset-pool	0.8.24+15.04.20141217-0ubuntu2
unity-control-center	15.04.0+16.04.20171130-0ubuntu1
unity-control-center-faces	15.04.0+16.04.20171130-0ubuntu1
unity-control-center-signon	0.1.8+16.04.20160201-0ubuntu1
unity-greeter	16.04.2-0ubuntu1
unity-lens-photos	1.0+14.04.20140318-0ubuntu1
unity-settings-daemon	15.04.1+16.04.20160701-0ubuntu1
unzip	6.0-20ubuntu1
update-inetd	4.43
update-manager	1:16.04.12
update-manager-core	1:16.04.12

OSS 名称	バージョン
update-notifier	3.168.8
update-notifier-common	3.168.8
upower	0.99.4-2ubuntu0.3
upstart	1.13.2-0ubuntu21.1
ureadahead	0.100.0-19
usb-modeswitch	2.2.5+repack0-1ubuntu1
usb-modeswitch-data	20151101-1
usbmuxd	1.1.0-2
usbutils	1:007-4
util-linux	2.27.1-6ubuntu3.4
va-driver-all:amd64	1.7.0-1ubuntu0.1
vbetool	1.1-3
vdpau-driver-all:amd64	1.1.1-3ubuntu1
vim-common	2:7.4.1689-3ubuntu1.2
vim-tiny	2:7.4.1689-3ubuntu1.2
virtinst	1:1.3.2-3ubuntu1.16.04.4
virt-manager	1:1.3.2-3ubuntu1.16.04.4
virt-viewer	1.0-1
wamerican	7.1-1
wbritish	7.1-1
wget	1.17.1-1ubuntu1.3
whiptail	0.52.18-1ubuntu2
whois	5.2.11
wireless-regdb	2015.07.20-1ubuntu1
wpasupplicant	2.4-0ubuntu6.2
x11-common	1:7.7+13ubuntu3
x11proto-composite-dev	1:0.4.2-2
x11proto-core-dev	7.0.31-1~ubuntu16.04.2
x11proto-damage-dev	1:1.2.1-2
x11proto-fixes-dev	1:5.0-2ubuntu2
x11proto-input-dev	2.3.1-1
x11proto-kb-dev	1.0.7-0ubuntu1
x11proto-randr-dev	1.5.0-1
x11proto-render-dev	2:0.11.1-2
x11proto-xext-dev	7.3.0-1

OSS 名称	バージョン
x11proto-xinerama-dev	1.2.1-2
x11-utils	7.7+3
x11-xkb-utils	7.7+2
xauth	1:1.0.9-1ubuntu2
xbitmaps	1.1.1-2
xdg-user-dirs	0.15-2ubuntu6
xfonts-base	1:1.0.4+nmu1
xfonts-encodings	1:1.0.4-2
xfonts-utils	1:7.7+3ubuntu0.16.04.2
xkb-data	2.16-1ubuntu1
xml-core	0.13+nmu2
xorg-sgml-doctools	1:1.11-1
xserver-common	2:1.18.4-0ubuntu0.7
xserver-xorg	1:7.7+13ubuntu3
xserver-xorg-core	2:1.18.4-0ubuntu0.7
xserver-xorg-input-all	1:7.7+13ubuntu3
xserver-xorg-input-evdev	1:2.10.1-1ubuntu2
xserver-xorg-input-synaptics	1.8.2-1ubuntu3
xserver-xorg-input-vmmouse	1:13.1.0-1ubuntu2
xserver-xorg-input-wacom	1:0.32.0-0ubuntu3
xserver-xorg-legacy	2:1.18.4-0ubuntu0.7
xterm	322-1ubuntu1
xtrans-dev	1.3.5-1
xz-utils	5.1.1alpha+20120614-2ubuntu2
yelp	3.18.1-1ubuntu4
yelp-xsl	3.18.1-1
zip	3.0-11
zlib1g:amd64	1:1.2.8.dfsg-2ubuntu4.1
zlib1g-dev:amd64	1:1.2.8.dfsg-2ubuntu4.1

python packages に含まれる全 OSS 一覧

OSS 名称	バージョン
adium-theme-ubuntu	0.3.4
aniso8601	1.2.0
ansible	2.2.1.0
asn1crypto	0.22.0
attrs	15.2.0
Babel	2.3.4
backports-abc	0.5
backports.shutil-get-terminal-size	1.0.0
backports.ssl-match-hostname	3.5.0.1
bcrypt	3.1.4
beautifulsoup4	4.4.1
blinker	1.3
certifi	2017.1.23
cffi	1.10.0
chardet	2.3.0
click	6.7
colorama	0.2.5
configobj	4.7.2
configparser	3.5.0
crypto	1.4.1
cryptography	1.8.1
cycler	0.9.0
Cython	0.19.2
	0.28.4
debtags	2.0
decorator	4.0.6
defer	1.0.6
dirspec	13.10
django-jsonify	0.3.0
dnspython	1.11.1
docutils	0.11
duplicity	0.7.6
enum34	1.1.6
Fabric	1.13.1

OSS 名称	バージョン
Flask	0.12.2
Flask-Babel	0.11.2
Flask-RESTful	0.3.5
functools32	3.2.3.post2
h5py	2.7.1
html5lib	0.999
httplib2	0.9.1
idna	2.5
inflect	0.2.5
ipaddr	2.1.11
ipaddress	1.0.18
ipython	3.0.0
	5.8.0
ipython-genutils	0.2.0
itsdangerous	0.24
Jinja2	2.9.6
jsonschema	2.6.0
leveldb	0.194
libvirt-python	1.3.1
lmdb	0.92
	0.94
lockfile	0.12.2
lxml	3.5.0
MarkupSafe	1.0
matplotlib	1.5.1
memory-profiler	0.41
mxnet	0.8.0
Naked	0.1.31
ndg-httpsclient	0.4.0
networkx	1.8.1
nose	1.3.7
numpy	1.11.2
oauthlib	1.0.3
oneconf	0.3.9
packaging	16.8

OSS 名称	バージョン
PAM	0.4.2
pandas	0.18.1
	0.23.3
paramiko	2.4.1
pathlib2	2.3.2
pexpect	4.5.0
pickleshare	0.7.4
Pillow	2.3.0
	5.2.0
pip	8.1.1
	8.1.1
piston-mini-client	0.7.5
pkgconfig	1.2.0
prompt-toolkit	1.0.15
protobuf	3.0.0
psutil	5.0.0
psycopg2	2.4.5
ptyprocess	0.5.2
py4j	0.10.4
pyasn1	0.2.3
pyasn1-modules	0.0.7
pycparser	2.17
pycrypto	2.6.1
pycups	1.9.73
pycurl	7.43.0
pydot	1.2.3
	1.2.4
Pygments	1.6
pygobject	3.20.0
PyJWT	1.3.0
pymongo	3.4.0
PyNaCl	1.2.1
pyOpenSSL	0.15.1
pyparsing	2.2.0
pyserial	3.0.1

OSS 名称	バージョン
pysmbc	1.0.14.1
Pyste	0.9.10
python-apt	1.1.0b1+ubuntu0.16.4.1
python-dateutil	2.6.0
python-debian	0.1.27
python-gflags	2.0
python-ldap	2.4.41
pytz	2016.10
	2018.5
pyxdg	0.25
PyYAML	3.12
	3.13
reportlab	3.0
requests	2.9.1
roman	2.0.0
scandir	1.7
scikit-image	0.9.3
scipy	0.13.3
service-identity	16.0.0
setuptools	32.3.1
	40.0.0
shellescape	3.4.1
simplegeneric	0.8.1
simplejson	3.10.0
singledispatch	3.4.0.3
six	1.10.0
software-center-aptd-plugins	0.0.0
Sphinx	1.2.2
sqlacodegen	1.1.6
SQLAlchemy	1.0.11
ssh-import-id	3.21
subprocess32	3.5.2
tornado	4.4.3
traitlets	4.3.2
Twisted	16.0.0

OSS 名称	バージョン
unity-lens-photos	1.0
urlgrabber	3.9.1
urllib3	1.13.1
uWSGI	2.0.14
uwsgitop	0.9
validators	0.11.1
virtualenv	15.0.3
wcwidth	0.1.7
Werkzeug	0.12.2
wheel	0.29.0
zope.interface	4.1.3

付録

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- NVIDIA CUDA Toolkit 9.0.176 / 9.1.85, Tesla Driver for Linux x64 390.30
  END USER LICENSE AGREEMENTS (EULA)

- cuDNN 7.0 / 7.1
  CUDNN Software License Agreement

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DR-06739-001_v01_v9.1 | April 2018

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Description

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Default Install Location of CUDA Toolkit

Windows platform:

```
%ProgramFiles%\NVIDIA GPU Computing Toolkit\CUDA\v#.#
```

Linux platform:

```
/usr/local/cuda-#.#
```

Mac platform:

```
/Developer/NVIDIA/CUDA-#.#
```

NVIDIA CUDA Samples

Description

This package includes over 100+ CUDA examples that demonstrate various CUDA programming principles, and efficient CUDA implementation of algorithms in specific application domains.

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```
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```

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```
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```

and

```
$HOME/NVIDIA_CUDA-#.#_Samples
```

Mac platform:

```
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```

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```
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```

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Release Date: October 20, 2016

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Release date: March 24, 2016

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```
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  Windows : cudart.dll, cudart_static.lib, cudadevrt.lib
  Mac OSX : libcudart.dylib, libcudart_static.a, libcudadevrt.a
  Linux   : libcudart.so, libcudart_static.a, libcudadevrt.a
  Android : libcudart.so, libcudart_static.a, libcudadevrt.a

Component : CUDA FFT Library
  Windows : cufft.dll, cufftw.dll, cufft.lib, cufftw.lib
  Mac OSX : libcufft.dylib, libcufft_static.a, libcufftw.dylib,
 libcufftw_static.a
  Linux   : libcufft.so, libcufft_static.a, libcufftw.so, libcufftw_static.a
  Android : libcufft.so, libcufft_static.a, libcufftw.so, libcufftw_static.a

Component : CUDA BLAS Library
  Windows : cublas.dll, cublas_device.lib
  Mac OSX : libcublas.dylib, libcublas_static.a, libcublas_device.a
  Linux   : libcublas.so, libcublas_static.a, libcublas_device.a
  Android : libcublas.so, libcublas_static.a, libcublas_device.a

Component : NVIDIA "Drop-in" BLAS Library
  Windows : nvblas.dll
  Mac OSX : libnvblas.dylib
  Linux   : libnvblas.so

Component : CUDA Sparse Matrix Library
  Windows : cusparse.dll, cusparse.lib
  Mac OSX : libcusparse.dylib, libcusparse_static.a
  Linux   : libcusparse.so, libcusparse_static.a
  Android : libcusparse.so, libcusparse_static.a

Component : CUDA Linear Solver Library
  Windows : cusolver.dll, cusolver.lib
  Mac OSX : libcusolver.dylib, libcusolver_static.a
  Linux   : libcusolver.so, libcusolver_static.a
  Android : libcusolver.so, libcusolver_static.a

Component : CUDA Random Number Generation Library
  Windows : curand.dll, curand.lib
  Mac OSX : libcurand.dylib, libcurand_static.a
  Linux   : libcurand.so, libcurand_static.a
  Android : libcurand.so, libcurand_static.a

Component : CUDA Accelerated Graph Library
  Windows : nvgraph.dll, nvgraph.lib
  Mac OSX : libnvgraph.dylib, libnvgraph_static.a
  Linux   : libnvgraph.so, libnvgraph_static.a
  Android : libnvgraph.so, libnvgraph_static.a
```

```
Component : NVIDIA Performance Primitives Library
  Windows : nppc.dll, nppc.lib, nppial.dll, nppial.lib, nppicc.dll, nppicc.lib,
 nppicom.dll, nppicom.lib, nppidei.dll, nppidei.lib, nppif.dll, nppif.lib,
 nppig.dll, nppig.lib, nppim.dll, nppist.dll, nppist.lib, nppisu.dll,
 nppisu.lib, nppitc.dll, nppitc.lib, npps.dll, npps.lib
  Mac OSX : libnppc.dylib, libnppc_static.a, libnppial.dylib,
 libnppial_static.a, libnppicc.dylib, libnppicc_static.a, libnppicom.dylib,
 libnppicom_static.a, libnppidei.dylib, libnppidei_static.a, libnppif.dylib,
 libnppif_static.a, libnppig.dylib, libnppig_static.a, libnppim.dylib,
 libnppim_static.a, libnppist.dylib, libnppist_static.a, libnppisu.dylib,
 libnppisu_static.a, libnppitc.dylib, libnppitc_static.a, libnpps.dylib,
 libnpps_static.a
  Linux   : libnppc.so, libnppc_static.a, libnppial.so, libnppial_static.a,
 libnppicc.so, libnppicc_static.a, libnppicom.so, libnppicom_static.a,
 libnppidei.so, libnppidei_static.a, libnppif.so, libnppif_static.a,
 libnppig.so, libnppig_static.a, libnppim.so, libnppim_static.a, libnppist.so,
 libnppist_static.a, libnppisu.so, libnppisu_static.a, libnppitc.so,
 libnppitc_static.a, libnpps.so, libnpps_static.a
  Android : libnppc.so, libnppc_static.a, libnppial.so, libnppial_static.a,
 libnppicc.so, libnppicc_static.a, libnppicom.so, libnppicom_static.a,
 libnppidei.so, libnppidei_static.a, libnppif.so, libnppif_static.a,
 libnppig.so, libnppig_static.a, libnppim.so, libnppim_static.a, libnppist.so,
 libnppist_static.a, libnppisu.so, libnppisu_static.a, libnppitc.so,
 libnppitc_static.a, libnpps.so, libnpps_static.a

Component : Internal common library required for statically linking to cuBLAS,
 cuSPARSE, cuFFT, cuRAND and NPP
  Mac OSX : libculibos.a
  Linux   : libculibos.a

Component : NVIDIA Runtime Compilation Library
  Windows : nvrtc.dll, nvrtc-builtins.dll
  Mac OSX : libnvrtc.dylib, libnvrtc-builtins.dylib
  Linux   : libnvrtc.so, libnvrtc-builtins.so

Component : NVIDIA Optimizing Compiler Library
  Windows : nvvm.dll
  Mac OSX : libnvvm.dylib
  Linux   : libnvvm.so

Component : NVIDIA Common Device Math Functions Library
  Windows : libdevice.10.bc
  Mac OSX : libdevice.10.bc
  Linux   : libdevice.10.bc

Component : CUDA Occupancy Calculation Header Library
  All      : cuda_occupancy.h

Component : CUDA Profiling Tools Interface (CUPTI) Library
  Windows : cupti.dll
  Mac OSX : libcupti.dylib
  Linux   : libcupti.so

Component : NVIDIA Tools Extension Library
  Windows : nvToolsExt.dll, nvToolsExt.lib
  Mac OSX : libnvToolsExt.dylib
  Linux   : libnvToolsExt.so
```

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    LLVM Team

    University of Illinois at Urbana-Champaign

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---------------------------
Written by:       Philip Hazel
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Email domain:     cam.ac.uk
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2.8. TERM AND TERMINATION

2.8.1. AGREEMENT, Licenses and Services

This SLA shall become effective upon the Effective Date, each Supplement upon their acceptance, and both this SLA and Supplements shall continue in effect until your last access or use of the Licensed Software and/or services hereunder, unless earlier terminated as provided in this "Term and Termination" section. Each Licensed Software license ends at the earlier of

1. the expiration of the applicable license term, or
2. termination of such license or the AGREEMENT.

Each service ends at the earlier of (x) the expiration of the applicable service term, (y) termination of such service or the AGREEMENT, or (z) expiration or termination of the associated license and no credit or refund will be provided upon the expiration or termination of the associated license for any service fees paid.

2.8.2. Termination and Effect of Expiration or Termination

NVIDIA may terminate the AGREEMENT in whole or in part:

1. if you breach any term of the AGREEMENT and fail to cure such breach within thirty (30) days following notice thereof from NVIDIA (or immediately if you violate NVIDIA's Intellectual Property Rights);

2. if you become the subject of a voluntary or involuntary petition in bankruptcy or any proceeding relating to insolvency, receivership, liquidation or composition for the benefit of creditors, if that petition or proceeding is not dismissed with prejudice within sixty (60) days after filing, or if you cease to do business; or

3. if you commence or participate in any legal proceeding against NVIDIA, with respect to the Licensed Software that is the subject of the proceeding during the pendency of such legal proceeding. If you or your authorized NVIDIA reseller fail to pay license fees or service fees when due then NVIDIA may, in its sole discretion, suspend or terminate your license grants, services and any other rights provided under the AGREEMENT for the affected Licensed Software, in addition to any other remedies NVIDIA may have at law or equity. Upon any expiration or termination of the AGREEMENT, a license or a service provided hereunder,

   a. any amounts owed to NVIDIA become immediately due and payable,

   b. you must promptly discontinue use of the affected Licensed Software and/or service, and

   c. you must promptly destroy or return to NVIDIA all copies of the affected Licensed Software and all portions thereof in your possession or control, and each party will promptly destroy or return to the other all of the other party's Confidential Information within its possession or control.

Upon written request, you will certify in writing that you have complied with your obligations under this section. Upon expiration or termination of the AGREEMENT all provisions survive except for the license grant provisions.

2.9. CONSENT TO COLLECTION AND USE OF INFORMATION

You hereby agree and acknowledge that the Software may access, collect non-personally identifiable information about your Enterprise computer systems in order to properly optimize such systems for use with the Software. To the extent that you use the Software, you hereby consent to all of the foregoing, and represent and warrant that you have the right to grant such consent. In addition, you agree that you are solely responsible for maintaining appropriate data backups and system restore points for your Enterprise systems, and that NVIDIA will have no responsibility for any damage or loss to such systems (including loss of data or access) arising from or relating to

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2. installation of any Software or third party software patches initiated through the Software. In certain systems you may change your system update preferences by unchecking "Automatically check for updates" in the "Preferences" tab of the control panel for the Software.

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Neither party will be responsible for any failure or delay in its performance under the AGREEMENT (except for any payment obligations) to the extent due to causes beyond its reasonable control for so long as such force majeure event continues in effect.

The AGREEMENT will be governed by and construed under the laws of the State of Delaware and the United States without regard to the conflicts of law provisions thereof and without regard to the United Nations Convention on Contracts for the International Sale of Goods. The parties consent to the personal jurisdiction of the federal and state courts located in Santa Clara County, California. You acknowledge and agree that a

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Chapter 3.
SUPPLEMENT TO SOFTWARE LICENSE AGREEMENT

Release date: January 5, 2017

The terms set forth in this cuDNN Supplement ("Supplement") govern your use of the CUDA Deep Neural Network library (cuDNN) (the "cuDNN Licensed Software") under the terms of your software license agreement ("SLA") as modified by this Supplement. This Supplement is an exhibit to the SLA and is hereby incorporated as an integral part thereto. Capitalized terms used but not defined herein shall have the meaning assigned to them in the SLA. In the event of conflict between the terms in this Supplement and the terms in the SLA, this Supplement shall control.

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During the term of the AGREEMENT and for three (3) years thereafter, you will maintain all usual and proper books and records of account relating to the cuDNN Licensed Software and services provided under the AGREEMENT. During such period and upon written notice to you, NVIDIA or its authorized third party auditors subject to confidentiality obligations will have the right to inspect and audit your Enterprise books and records for the purpose of confirming compliance with the terms of the AGREEMENT. Any such inspection and audit will be conducted during regular business hours and no more frequently than annually unless non-compliance was previously found. If such an inspection and audit reveals an underpayment of any amounts payable to NVIDIA, then you will promptly remit the full amount of such underpayment to NVIDIA, including interest accruing (without the requirement of a notice) from the time underpayment began at the lower of 1.5% per month or the highest rate permissible by law. If the underpaid amount exceeds five percent (5%) of the amounts payable to NVIDIA for the period audited and/or such an inspection and audit reveals a material non-conformance with the terms of the AGREEMENT, then you will also pay NVIDIA's reasonable costs of conducting the inspection and audit. Further, you agree that the party delivering the cuDNN Licensed Software to you may collect and disclose to NVIDIA information for NVIDIA to verify your compliance with the terms of

the AGREEMENT including (without limitation) information regarding your use of the cuDNN Licensed Software.

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Your failure to comply with the terms of this Supplement is ground for termination for breach by NVIDIA under the SLA. This Supplement will automatically expire or terminate upon the expiration or termination of your rights to cuDNN Licensed Software under the SLA or this Supplement.

Chapter 4.
GLOSSARY OF TERMS

Certain capitalized terms, if not otherwise defined elsewhere in this SLA, shall have the meanings set forth below:

Affiliate

Affiliate means any legal entity that Owns, is Owned by, or is commonly Owned with a party. "Own" means having more than 50% ownership or the right to direct the management of the entity.

AGREEMENT

AGREEMENT means this SLA and all associated Supplements entered by the parties referencing this SLA.

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