```
Last login: Sun May 27 13:29:47 on ttys003
uJamb:~ jamster$ssh -i Keys/Jamb.pem ubuntu@mlfiles.jamwork.net
Jamb:~ jamster$ ssh -i Keys/Moons.pem ubuntu@52.27.195.178
Welcome to Ubuntu 16.04.4 LTS (GNU/Linux 4.4.0-1060-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

  Get cloud support with Ubuntu Advantage Cloud Guest:
    http://www.ubuntu.com/business/services/cloud

0 packages can be updated.
0 updates are security updates.


Last login: Sun May 27 20:30:07 2018 from 174.216.0.139
ubuntu@ip-172-31-38-67:~$ ls
cuda_9.2.88_396.26_linux        github-AWS-id_rsa.pub
cudnn-9.2-linux-x64-v7.1.tgz    libcudnn7_7.1.4.18-1+cuda9.2_amd64.deb
data                            libcudnn7-dev_7.1.4.18-1+cuda9.2_amd64.deb
downloads-cudnn.tar.xz          libcudnn7-doc_7.1.4.18-1+cuda9.2_amd64.deb
github                          NVIDIA_CUDA-9.2_Samples
github-AWS-id_rsa               tcss555.zip
ubuntu@ip-172-31-38-67:~$ mkdir cudnn1
ubuntu@ip-172-31-38-67:~$ mv cudnn-9.2-linux-x64-v7.1.tgz cudnn1/
ubuntu@ip-172-31-38-67:~$ mkdir cudnn2
ubuntu@ip-172-31-38-67:~$ mkdir cudnn1-1
ubuntu@ip-172-31-38-67:~$ mv libcudnn7* cudnn1-1
ubuntu@ip-172-31-38-67:~$ cd cudnn1
ubuntu@ip-172-31-38-67:~/cudnn1$ ls
cudnn-9.2-linux-x64-v7.1.tgz
ubuntu@ip-172-31-38-67:~/cudnn1$ tar -xzf cudnn-9.2-linux-x64-v7.1.tgz
ubuntu@ip-172-31-38-67:~/cudnn1$ ls
cuda  cudnn-9.2-linux-x64-v7.1.tgz
ubuntu@ip-172-31-38-67:~/cudnn1$ cd cuda/
ubuntu@ip-172-31-38-67:~/cudnn1/cuda$ ls
include  lib64  NVIDIA_SLA_cuDNN_Support.txt
ubuntu@ip-172-31-38-67:~/cudnn1/cuda$ cd include/
ubuntu@ip-172-31-38-67:~/cudnn1/cuda/include$ ls
cudnn.h
ubuntu@ip-172-31-38-67:~/cudnn1/cuda/include$ ls /usr/local/cuda
bin     include  libnsight        nvml       samples  tools
doc     jre      libnvvp          nvvm       share    version.txt
extras  lib64    nsightee_plugins pkgconfig  src
ubuntu@ip-172-31-38-67:~/cudnn1/cuda/include$ ls /usr/local/cuda-9.2/
bin     include  libnsight        nvml       samples  tools
doc     jre      libnvvp          nvvm       share    version.txt
extras  lib64    nsightee_plugins pkgconfig  src
ubuntu@ip-172-31-38-67:~/cudnn1/cuda/include$ sudo mkdir test /usr/local/cuda/te
stDIR
ubuntu@ip-172-31-38-67:~/cudnn1/cuda/include$ ls /usr/local/cuda-9.2/
```

```
bin       include   libnsight          nvml        samples   testDIR
doc       jre       libnvvp            nvvm        share     tools
extras    lib64     nsightee_plugins   pkgconfig   src       version.txt
ubuntu@ip-172-31-38-67:~/cudnn1/cuda/include$ sudo rm -rf /usr/local/cuda-9.2/te
stDIR/
ubuntu@ip-172-31-38-67:~/cudnn1/cuda/include$ ls /usr/local/cuda
bin       include   libnsight          nvml        samples   tools
doc       jre       libnvvp            nvvm        share     version.txt
extras    lib64     nsightee_plugins   pkgconfig   src
ubuntu@ip-172-31-38-67:~/cudnn1/cuda/include$ ls
cudnn.h   test
ubuntu@ip-172-31-38-67:~/cudnn1/cuda/include$ sudo cp cudnn.h /usr/local/cuda/
bin/            lib64/             nvvm/            tools/
doc/            libnsight/         pkgconfig/       version.txt
extras/         libnvvp/           samples/
include/        nsightee_plugins/  share/
jre/            nvml/              src/
ubuntu@ip-172-31-38-67:~/cudnn1/cuda/include$ sudo cp cudnn.h /usr/local/cuda/in
clude/
ubuntu@ip-172-31-38-67:~/cudnn1/cuda/include$ cd ..
ubuntu@ip-172-31-38-67:~/cudnn1/cuda$ sudo cp lib64/libcudnn* /usr/local/cuda/li
b64/
ubuntu@ip-172-31-38-67:~/cudnn1/cuda$ sudo chmod a+r /usr/local/cuda/include/cud

cuda_device_runtime_api.h   cuda_profiler_api.h
cudaEGL.h                   cudaProfiler.h
cuda_egl_interop.h          cuda_runtime_api.h
cuda_fp16.h                 cuda_runtime.h
cuda_fp16.hpp               cuda_surface_types.h
cudaGL.h                    cuda_texture_types.h
cuda_gl_interop.h           cudaVDPAU.h
cuda.h                      cuda_vdpau_interop.h
cudalibxt.h                 cudnn.h
cuda_occupancy.h
ubuntu@ip-172-31-38-67:~/cudnn1/cuda$ sudo chmod a+r /usr/local/cuda/include/cud

cuda_device_runtime_api.h   cuda_profiler_api.h
cudaEGL.h                   cudaProfiler.h
cuda_egl_interop.h          cuda_runtime_api.h
cuda_fp16.h                 cuda_runtime.h
cuda_fp16.hpp               cuda_surface_types.h
cudaGL.h                    cuda_texture_types.h
cuda_gl_interop.h           cudaVDPAU.h
cuda.h                      cuda_vdpau_interop.h
cudalibxt.h                 cudnn.h
cuda_occupancy.h
ubuntu@ip-172-31-38-67:~/cudnn1/cuda$ sudo chmod a+r /usr/local/cuda/include/cud
nn.h
ubuntu@ip-172-31-38-67:~/cudnn1/cuda$ sudo chmod a+r /usr/local/cuda/lib64/libcu
d
libcudadevrt.a        libcudart.so.9.2.88   libcudnn.so.7
libcudart.so          libcudart_static.a    libcudnn.so.7.1.4
```

```
libcudart.so.9.2      libcudnn.so          libcudnn_static.a
ubuntu@ip-172-31-38-67:~/cudnn1/cuda$ sudo chmod a+r /usr/local/cuda/lib64/libcu
d
libcudadevrt.a        libcudart.so.9.2.88  libcudnn.so.7
libcudart.so          libcudart_static.a   libcudnn.so.7.1.4
libcudart.so.9.2      libcudnn.so          libcudnn_static.a
ubuntu@ip-172-31-38-67:~/cudnn1/cuda$ sudo chmod a+r /usr/local/cuda/lib64/libcu
dnn*
ubuntu@ip-172-31-38-67:~/cudnn1/cuda$ cd ..
ubuntu@ip-172-31-38-67:~/cudnn1$ ls
cuda  cudnn-9.2-linux-x64-v7.1.tgz
ubuntu@ip-172-31-38-67:~/cudnn1$ cd ..
ubuntu@ip-172-31-38-67:~$ cd cudnn1-1/
ubuntu@ip-172-31-38-67:~/cudnn1-1$ ls
libcudnn7_7.1.4.18-1+cuda9.2_amd64.deb
libcudnn7-dev_7.1.4.18-1+cuda9.2_amd64.deb
libcudnn7-doc_7.1.4.18-1+cuda9.2_amd64.deb
ubuntu@ip-172-31-38-67:~/cudnn1-1$ sudo dpkg -i libcudnn7_7.1.4.18-1+cuda9.2_amd
64.deb
Selecting previously unselected package libcudnn7.
(Reading database ... 108330 files and directories currently installed.)
Preparing to unpack libcudnn7_7.1.4.18-1+cuda9.2_amd64.deb ...
Unpacking libcudnn7 (7.1.4.18-1+cuda9.2) ...
Setting up libcudnn7 (7.1.4.18-1+cuda9.2) ...
Processing triggers for libc-bin (2.23-0ubuntu10) ...
ubuntu@ip-172-31-38-67:~/cudnn1-1$ ls
libcudnn7_7.1.4.18-1+cuda9.2_amd64.deb
libcudnn7-dev_7.1.4.18-1+cuda9.2_amd64.deb
libcudnn7-doc_7.1.4.18-1+cuda9.2_amd64.deb
ubuntu@ip-172-31-38-67:~/cudnn1-1$ sudo dpkg -i libcudnn7-dev_7.1.4.18-1+cuda9.2
_amd64.deb
Selecting previously unselected package libcudnn7-dev.
(Reading database ... 108337 files and directories currently installed.)
Preparing to unpack libcudnn7-dev_7.1.4.18-1+cuda9.2_amd64.deb ...
Unpacking libcudnn7-dev (7.1.4.18-1+cuda9.2) ...
Setting up libcudnn7-dev (7.1.4.18-1+cuda9.2) ...
update-alternatives: using /usr/include/x86_64-linux-gnu/cudnn_v7.h to provide /
usr/include/cudnn.h (libcudnn) in auto mode
ubuntu@ip-172-31-38-67:~/cudnn1-1$ sudo dpkg -i libcudnn7-doc_7.1.4.18-1+cuda9.2
_amd64.deb
Selecting previously unselected package libcudnn7-doc.
(Reading database ... 108343 files and directories currently installed.)
Preparing to unpack libcudnn7-doc_7.1.4.18-1+cuda9.2_amd64.deb ...
Unpacking libcudnn7-doc (7.1.4.18-1+cuda9.2) ...
Setting up libcudnn7-doc (7.1.4.18-1+cuda9.2) ...
ubuntu@ip-172-31-38-67:~/cudnn1-1$ cp -r /usr/src/cudnn_samples_v7/ ~/
ubuntu@ip-172-31-38-67:~/cudnn1-1$ cd
ubuntu@ip-172-31-38-67:~$ cd cudnn_samples_v7/mnistCUDNN/
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/mnistCUDNN$ make clean && make
rm -rf *o
rm -rf mnistCUDNN
/usr/local/cuda/bin/nvcc -ccbin g++ -I/usr/local/cuda/include -IFreeImage/includ
```

```
e  -m64     -gencode arch=compute_30,code=sm_30 -gencode arch=compute_35,code=sm_
35 -gencode arch=compute_50,code=sm_50 -gencode arch=compute_53,code=sm_53 -genc
ode arch=compute_53,code=compute_53 -o fp16_dev.o -c fp16_dev.cu
g++ -I/usr/local/cuda/include -IFreeImage/include   -o fp16_emu.o -c fp16_emu.cp
p
g++ -I/usr/local/cuda/include -IFreeImage/include   -o mnistCUDNN.o -c mnistCUDN
N.cpp
/usr/local/cuda/bin/nvcc -ccbin g++   -m64      -gencode arch=compute_30,code=sm
_30 -gencode arch=compute_35,code=sm_35 -gencode arch=compute_50,code=sm_50 -gen
code arch=compute_53,code=sm_53 -gencode arch=compute_53,code=compute_53 -o mnis
tCUDNN fp16_dev.o fp16_emu.o mnistCUDNN.o  -LFreeImage/lib/linux/x86_64 -LFreeIm
age/lib/linux -lcudart -lcublas -lcudnn -lfreeimage -lstdc++ -lm
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/mnistCUDNN$ ./mnistCUDNN
./mnistCUDNN: error while loading shared libraries: libcudart.so.9.2: cannot ope
n shared object file: No such file or directory
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/mnistCUDNN$ lspci | grep -i nvidia
00:03.0 VGA compatible controller: NVIDIA Corporation GK104GL [GRID K520] (rev a
1)
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/mnistCUDNN$
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/mnistCUDNN$ uname -m && cat /etc/*rele
ase
x86_64
DISTRIB_ID=Ubuntu
DISTRIB_RELEASE=16.04
DISTRIB_CODENAME=xenial
DISTRIB_DESCRIPTION="Ubuntu 16.04.4 LTS"
NAME="Ubuntu"
VERSION="16.04.4 LTS (Xenial Xerus)"
ID=ubuntu
ID_LIKE=debian
PRETTY_NAME="Ubuntu 16.04.4 LTS"
VERSION_ID="16.04"
HOME_URL="http://www.ubuntu.com/"
SUPPORT_URL="http://help.ubuntu.com/"
BUG_REPORT_URL="http://bugs.launchpad.net/ubuntu/"
VERSION_CODENAME=xenial
UBUNTU_CODENAME=xenial
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/mnistCUDNN$ gcc --version
gcc (Ubuntu 5.4.0-6ubuntu1~16.04.9) 5.4.0 20160609
Copyright (C) 2015 Free Software Foundation, Inc.
This is free software; see the source for copying conditions.  There is NO
warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/mnistCUDNN$ sudo apt-get install linux
-headers-$(uname -r)
Reading package lists... Done
Building dependency tree
Reading state information... Done
linux-headers-4.4.0-1060-aws is already the newest version (4.4.0-1060.69).
linux-headers-4.4.0-1060-aws set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/mnistCUDNN$ cd
```

```
ubuntu@ip-172-31-38-67:~$ mkdir debCUDNN
ubuntu@ip-172-31-38-67:~$ mkdir debCUDAtoolkit
ubuntu@ip-172-31-38-67:~$ cd debCUDAtoolkit/
ubuntu@ip-172-31-38-67:~/debCUDAtoolkit$ wget https://developer.nvidia.com/compu
te/cuda/9.2/Prod/local_installers/cuda-repo-ubuntu1604-9-2-local_9.2.88-1_amd64
--2018-05-27 21:40:58--  https://developer.nvidia.com/compute/cuda/9.2/Prod/loca
l_installers/cuda-repo-ubuntu1604-9-2-local_9.2.88-1_amd64
Resolving developer.nvidia.com (developer.nvidia.com)... 192.229.162.216
Connecting to developer.nvidia.com (developer.nvidia.com)|192.229.162.216|:443..
. connected.
HTTP request sent, awaiting response... 302 Found
Location: https://developer.download.nvidia.com/compute/cuda/9.2/secure/Prod/loc
al_installers/cuda-repo-ubuntu1604-9-2-local_9.2.88-1_amd64.deb?Dbi-_5tekhwLLUhx
VcTs6-ScSEt9G5m5DZoyX6MvM7WLSkx93MmVh2G7YiQgKm0egbJMRojJ7NxGp8vYCTXdDLSpx7ccX6c2
7I5sQ5EXrTppd92aQORogT9Xw7ZhZ1njUkEXSJkPnWFoOYAMAsWl5ZzZQo4vuJp59EDM9iqt05OvtS03
zndkjk9jU8Yjto4frDu0G0supGa-nQyCMMY [following]
--2018-05-27 21:40:59--  https://developer.download.nvidia.com/compute/cuda/9.2/
secure/Prod/local_installers/cuda-repo-ubuntu1604-9-2-local_9.2.88-1_amd64.deb?D
bi-_5tekhwLLUhxVcTs6-ScSEt9G5m5DZoyX6MvM7WLSkx93MmVh2G7YiQgKm0egbJMRojJ7NxGp8vYC
TXdDLSpx7ccX6c27I5sQ5EXrTppd92aQORogT9Xw7ZhZ1njUkEXSJkPnWFoOYAMAsWl5ZzZQo4vuJp59
EDM9iqt05OvtS03zndkjk9jU8Yjto4frDu0G0supGa-nQyCMMY
Resolving developer.download.nvidia.com (developer.download.nvidia.com)... 192.2
29.211.70, 2606:2800:21f:3aa:dcf:37b:1ed6:1fb
Connecting to developer.download.nvidia.com (developer.download.nvidia.com)|192.
229.211.70|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 1267391958 (1.2G) [application/x-deb]
Saving to: 'cuda-repo-ubuntu1604-9-2-local_9.2.88-1_amd64'

cuda-repo-ubuntu160 100%[===================>]   1.18G   114MB/s    in 9.9s

2018-05-27 21:41:09 (123 MB/s) - 'cuda-repo-ubuntu1604-9-2-local_9.2.88-1_amd64'
 saved [1267391958/1267391958]

ubuntu@ip-172-31-38-67:~/debCUDAtoolkit$ wget https://developer.nvidia.com/compu
te/cuda/9.2/Prod/patches/1/cuda-repo-ubuntu1604-9-2-local-cublas-update-1_1.0-1_
amd64
--2018-05-27 21:41:23--  https://developer.nvidia.com/compute/cuda/9.2/Prod/patc
hes/1/cuda-repo-ubuntu1604-9-2-local-cublas-update-1_1.0-1_amd64
Resolving developer.nvidia.com (developer.nvidia.com)... 192.229.162.216
Connecting to developer.nvidia.com (developer.nvidia.com)|192.229.162.216|:443..
. connected.
HTTP request sent, awaiting response... 302 Found
Location: https://developer.download.nvidia.com/compute/cuda/9.2/secure/Prod/pat
ches/1/cuda-repo-ubuntu1604-9-2-local-cublas-update-1_1.0-1_amd64.deb?qr1VRGuUPA
bQWAVOzayo453BL8KC9Ma7C9QJQRt7VzIka-1y-9j7lJaZAwSKP38tjsY_pI4zDoJ2caeJ2lJogfO_OP
q504VImC6omY1MvUhIgmdkaypzHlMO5mLyHgKvOGo0u4zAqHZKIhUadiwfs49xDdIaywOb4Ujc08WsGS
J_ymfXU6M_PVwqWVu40WeoMSmP5IdKQc2FMZrgiFL3PextEqg [following]
--2018-05-27 21:41:24--  https://developer.download.nvidia.com/compute/cuda/9.2/
secure/Prod/patches/1/cuda-repo-ubuntu1604-9-2-local-cublas-update-1_1.0-1_amd64
.deb?qr1VRGuUPAbQWAVOzayo453BL8KC9Ma7C9QJQRt7VzIka-1y-9j7lJaZAwSKP38tjsY_pI4zDoJ
2caeJ2lJogfO_OPq504VImC6omY1MvUhIgmdkaypzHlMO5mLyHgKvOGo0u4zAqHZKIhUadiwfs49xDdI
```

```
aywOb4Ujc08WsGSJ_ymfXU6M_PVwqWVu40WeoMSmP5IdKQc2FMZrgiFL3PextEqg
Resolving developer.download.nvidia.com (developer.download.nvidia.com)... 192.2
29.211.70, 2606:2800:21f:3aa:dcf:37b:1ed6:1fb
Connecting to developer.download.nvidia.com (developer.download.nvidia.com)|192.
229.211.70|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 98576578 (94M) [application/x-deb]
Saving to: 'cuda-repo-ubuntu1604-9-2-local-cublas-update-1_1.0-1_amd64'

cuda-repo-ubuntu160 100%[===================>]  94.01M   122MB/s    in 0.8s

2018-05-27 21:41:25 (122 MB/s) - 'cuda-repo-ubuntu1604-9-2-local-cublas-update-1
_1.0-1_amd64' saved [98576578/98576578]

ubuntu@ip-172-31-38-67:~/debCUDAtoolkit$ ls
cuda-repo-ubuntu1604-9-2-local_9.2.88-1_amd64
cuda-repo-ubuntu1604-9-2-local-cublas-update-1_1.0-1_amd64
ubuntu@ip-172-31-38-67:~/debCUDAtoolkit$ du -sh cuda-repo-ubuntu1604-9-2-local*
1.2G     cuda-repo-ubuntu1604-9-2-local_9.2.88-1_amd64
95M      cuda-repo-ubuntu1604-9-2-local-cublas-update-1_1.0-1_amd64
ubuntu@ip-172-31-38-67:~/debCUDAtoolkit$ rm cuda-repo-ubuntu1604-9-2-local-cubla
s-update-1_1.0-1_amd64 cuda-repo-ubuntu1604-9-2-local-cublas-update-1_1.0-1_amd6
4.deb
rm: cannot remove 'cuda-repo-ubuntu1604-9-2-local-cublas-update-1_1.0-1_amd64.de
b': No such file or directory
ubuntu@ip-172-31-38-67:~/debCUDAtoolkit$ mv cuda-repo-ubuntu1604-9-2-loca^C
ubuntu@ip-172-31-38-67:~/debCUDAtoolkit$ ls
cuda-repo-ubuntu1604-9-2-local_9.2.88-1_amd64
ubuntu@ip-172-31-38-67:~/debCUDAtoolkit$ wget https://developer.nvidia.com/compu
te/cuda/9.2/Prod/patches/1/cuda-repo-ubuntu1604-9-2-local-cublas-update-1_1.0-1_
amd64
--2018-05-27 21:42:39--  https://developer.nvidia.com/compute/cuda/9.2/Prod/patc
hes/1/cuda-repo-ubuntu1604-9-2-local-cublas-update-1_1.0-1_amd64
Resolving developer.nvidia.com (developer.nvidia.com)... 192.229.162.216
Connecting to developer.nvidia.com (developer.nvidia.com)|192.229.162.216|:443..
. connected.
HTTP request sent, awaiting response... 302 Found
Location: https://developer.download.nvidia.com/compute/cuda/9.2/secure/Prod/pat
ches/1/cuda-repo-ubuntu1604-9-2-local-cublas-update-1_1.0-1_amd64.deb?dlBIHwZavl
2oOnCyvomYVTA5r1gc3bcwAq40htOnV5ZP40EEazZ1o1QKr4bcGGvrx3Y6xcSfaZz0ekYm0sUXT4wEqb
Wk6FD0OQTtMPcklLGDwiilGhED0AF8uxq3Mk3FuB1ZQ5pN3Ry_RNz0CmVNiny6va1oIDHnvWiFVJgrNV
koVZeRudXd6tgXtcdVjYoobXKSKBn6vIGJ_plD2zS7ar4dePg [following]
--2018-05-27 21:42:40--  https://developer.download.nvidia.com/compute/cuda/9.2/
secure/Prod/patches/1/cuda-repo-ubuntu1604-9-2-local-cublas-update-1_1.0-1_amd64
.deb?dlBIHwZavl2oOnCyvomYVTA5r1gc3bcwAq40htOnV5ZP40EEazZ1o1QKr4bcGGvrx3Y6xcSfaZz
0ekYm0sUXT4wEqbWk6FD0OQTtMPcklLGDwiilGhED0AF8uxq3Mk3FuB1ZQ5pN3Ry_RNz0CmVNiny6va1
oIDHnvWiFVJgrNVkoVZeRudXd6tgXtcdVjYoobXKSKBn6vIGJ_plD2zS7ar4dePg
Resolving developer.download.nvidia.com (developer.download.nvidia.com)... 192.2
29.211.70, 2606:2800:21f:3aa:dcf:37b:1ed6:1fb
Connecting to developer.download.nvidia.com (developer.download.nvidia.com)|192.
229.211.70|:443... connected.
HTTP request sent, awaiting response... 200 OK
```

```
Length: 98576578 (94M) [application/x-deb]
Saving to: 'cuda-repo-ubuntu1604-9-2-local-cublas-update-1_1.0-1_amd64'

cuda-repo-ubuntu160 100%[====================>]  94.01M  107MB/s    in 0.9s

2018-05-27 21:42:41 (107 MB/s) - 'cuda-repo-ubuntu1604-9-2-local-cublas-update-1
_1.0-1_amd64' saved [98576578/98576578]

ubuntu@ip-172-31-38-67:~/debCUDAtoolkit$ ls
cuda-repo-ubuntu1604-9-2-local_9.2.88-1_amd64
cuda-repo-ubuntu1604-9-2-local-cublas-update-1_1.0-1_amd64
ubuntu@ip-172-31-38-67:~/debCUDAtoolkit$ mv cuda-repo-ubuntu1604-9-2-local_9.2.8
8-1_amd64 cuda-repo-ubuntu1604-9-2-local_9.2.88-1_amd64.deb
ubuntu@ip-172-31-38-67:~/debCUDAtoolkit$ mv cuda-repo-ubuntu1604-9-2-local-cubla
s-update-1_1.0-1_amd64 cuda-repo-ubuntu1604-9-2-local-cublas-update-1_1.0-1_amd6
4.deb
ubuntu@ip-172-31-38-67:~/debCUDAtoolkit$ sudo dpkg -i cuda-repo-ubuntu1604-9-2-l
ocal_9.2.88-1_amd64.deb
Selecting previously unselected package cuda-repo-ubuntu1604-9-2-local.
(Reading database ... 108511 files and directories currently installed.)
Preparing to unpack cuda-repo-ubuntu1604-9-2-local_9.2.88-1_amd64.deb ...
Unpacking cuda-repo-ubuntu1604-9-2-local (9.2.88-1) ...
Setting up cuda-repo-ubuntu1604-9-2-local (9.2.88-1) ...

The public CUDA GPG key does not appear to be installed.
To install the key, run this command:
sudo apt-key add /var/cuda-repo-9-2-local/7fa2af80.pub

ubuntu@ip-172-31-38-67:~/debCUDAtoolkit$ sudo apt-key add /var/cuda-repo-9-2-loc
al/7fa2af80.pub
OK
ubuntu@ip-172-31-38-67:~/debCUDAtoolkit$ sudo apt-get update
Get:1 file:/var/cuda-repo-9-2-local  InRelease
Ign:1 file:/var/cuda-repo-9-2-local  InRelease
Get:2 file:/var/cuda-repo-9-2-local  Release [574 B]
Hit:3 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial InRelease
Get:2 file:/var/cuda-repo-9-2-local  Release [574 B]
Get:4 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates InRelease [1
09 kB]
Get:5 file:/var/cuda-repo-9-2-local  Release.gpg [819 B]
Get:5 file:/var/cuda-repo-9-2-local  Release.gpg [819 B]
Get:6 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-backports InRelease
[107 kB]
Get:7 file:/var/cuda-repo-9-2-local  Packages [18.7 kB]
Get:8 http://security.ubuntu.com/ubuntu xenial-security InRelease [107 kB]
Fetched 323 kB in 0s (689 kB/s)
Reading package lists... Done
ubuntu@ip-172-31-38-67:~/debCUDAtoolkit$ sudo apt-get install cud
cuda                         cuda-libraries-dev-9-2
cuda-9-2                     cuda-license-9-2
cuda-command-line-tools-9-2  cuda-memcheck-9-2
cuda-compiler-9-2            cuda-minimal-build-9-2
```

```
cuda-core-9-2                      cuda-misc-headers-9-2
cuda-cublas-9-2                    cuda-npp-9-2
cuda-cublas-dev-9-2                cuda-npp-dev-9-2
cuda-cudart-9-2                    cuda-nsight-9-2
cuda-cudart-dev-9-2                cuda-nvcc-9-2
cuda-cufft-9-2                     cuda-nvdisasm-9-2
cuda-cufft-dev-9-2                 cuda-nvgraph-9-2
cuda-cuobjdump-9-2                 cuda-nvgraph-dev-9-2
cuda-cupti-9-2                     cuda-nvml-dev-9-2
cuda-curand-9-2                    cuda-nvprof-9-2
cuda-curand-dev-9-2                cuda-nvprune-9-2
cuda-cusolver-9-2                  cuda-nvrtc-9-2
cuda-cusolver-dev-9-2              cuda-nvrtc-dev-9-2
cuda-cusparse-9-2                  cuda-nvtx-9-2
cuda-cusparse-dev-9-2              cuda-nvvp-9-2
cuda-demo-suite-9-2                cuda-repo-ubuntu1604-9-2-local
cuda-documentation-9-2             cuda-runtime-9-2
cuda-driver-dev-9-2                cuda-samples-9-2
cuda-drivers                       cuda-toolkit-9-2
cuda-gdb-9-2                       cuda-tools-9-2
cuda-gdb-src-9-2                   cuda-visual-tools-9-2
cuda-gpu-library-advisor-9-2       cudf-tools
cuda-libraries-9-2
ubuntu@ip-172-31-38-67:~/debCUDAtoolkit$ sudo apt-get install cuda
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  apg aptdaemon aspell aspell-en avahi-daemon avahi-utils bbswitch-dkms bluez
  bluez-obexd cheese-common cracklib-runtime crda cuda-9-2
  cuda-command-line-tools-9-2 cuda-compiler-9-2 cuda-cublas-9-2
  cuda-cublas-dev-9-2 cuda-cudart-9-2 cuda-cudart-dev-9-2 cuda-cufft-9-2
  cuda-cufft-dev-9-2 cuda-cuobjdump-9-2 cuda-cupti-9-2 cuda-curand-9-2
  cuda-curand-dev-9-2 cuda-cusolver-9-2 cuda-cusolver-dev-9-2
  cuda-cusparse-9-2 cuda-cusparse-dev-9-2 cuda-demo-suite-9-2
  cuda-documentation-9-2 cuda-driver-dev-9-2 cuda-drivers cuda-gdb-9-2
  cuda-gpu-library-advisor-9-2 cuda-libraries-9-2 cuda-libraries-dev-9-2
  cuda-license-9-2 cuda-memcheck-9-2 cuda-misc-headers-9-2 cuda-npp-9-2
  cuda-npp-dev-9-2 cuda-nsight-9-2 cuda-nvcc-9-2 cuda-nvdisasm-9-2
  cuda-nvgraph-9-2 cuda-nvgraph-dev-9-2 cuda-nvml-dev-9-2 cuda-nvprof-9-2
  cuda-nvprune-9-2 cuda-nvrtc-9-2 cuda-nvrtc-dev-9-2 cuda-nvtx-9-2
  cuda-nvvp-9-2 cuda-runtime-9-2 cuda-samples-9-2 cuda-toolkit-9-2
  cuda-tools-9-2 cuda-visual-tools-9-2 cups-pk-helper dbus-x11 dconf-cli
  default-jre desktop-file-utils dictionaries-common diffstat emacsen-common
  enchant evolution-data-server evolution-data-server-common
  evolution-data-server-online-accounts fonts-dejavu-extra freeglut3
  freeglut3-dev gcr geoclue geoclue-ubuntu-geoip gettext gir1.2-atk-1.0
  gir1.2-freedesktop gir1.2-gdkpixbuf-2.0 gir1.2-gnomekeyring-1.0
  gir1.2-gtk-3.0 gir1.2-ibus-1.0 gir1.2-notify-0.7 gir1.2-packagekitglib-1.0
  gir1.2-pango-1.0 gkbd-capplet gnome-bluetooth gnome-desktop3-data
  gnome-keyring gnome-menus gnome-power-manager gnome-screensaver
  gnome-session-bin gnome-settings-daemon-schemas gnome-user-guide
```

gnome-user-share gsettings-ubuntu-schemas gstreamer1.0-clutter-3.0
gstreamer1.0-plugins-base gstreamer1.0-plugins-good gstreamer1.0-x gvfs
gvfs-backends gvfs-common gvfs-daemons gvfs-libs hardening-includes
hunspell-en-us hwdata ibus ibus-gtk ibus-gtk3 im-config indicator-applet
indicator-bluetooth indicator-datetime indicator-keyboard indicator-messages
indicator-power indicator-session indicator-sound intltool-debian ippusbxd
iputils-arping iw lib32gcc1 libaa1 libaccount-plugin-1.0-0
libaccount-plugin-generic-oauth libaccount-plugin-google libaccounts-glib0
libaccounts-qt5-1 libapt-pkg-perl libarchive-zip-perl libasound2
libasound2-data libasound2-plugins libaspell15 libasprintf-dev libassuan0
libasyncns0 libatasmart4 libauthen-sasl-perl libavahi-core7 libavahi-glib1
libavc1394-0 libbluetooth3 libc6-i386 libcaca0 libcamel-1.2-54
libcanberra-gtk3-0 libcanberra-gtk3-module libcanberra-pulse libcanberra0
libcdio-cdda1 libcdio-paranoia1 libcdio13 libcdparanoia0 libcgi-fast-perl
libcgi-pm-perl libcgmanager0 libcheese-gtk25 libcheese8
libclass-accessor-perl libclone-perl libclutter-1.0-0 libclutter-1.0-common
libclutter-gst-3.0-0 libclutter-gtk-1.0-0 libcogl-common libcogl-pango20
libcogl-path20 libcogl20 libcrack2 libcuda1-396 libdaemon0
libdata-alias-perl libdigest-hmac-perl libdouble-conversion1v5 libdrm-dev
libdv4 libebackend-1.2-10 libebook-1.2-16 libebook-contacts-1.2-2
libecal-1.2-19 libedata-book-1.2-25 libedata-cal-1.2-28
libedataserver-1.2-21 libemail-valid-perl libenchant1c2a
libencode-locale-perl libevdev2 libexporter-tiny-perl libfcgi-perl
libfcitx-config4 libfcitx-gclient0 libfcitx-utils0 libfftw3-single3
libfile-basedir-perl libflac8 libfontenc1 libgck-1-0 libgcr-3-common
libgcr-base-3-1 libgcr-ui-3-1 libgdata-common libgdata22 libgee-0.8-2
libgeoclue0 libgeocode-glib0 libgeonames0 libgettextpo-dev libgettextpo0
libgif7 libgl1-mesa-dev libgl1-mesa-glx libglib2.0-bin libglu1-mesa
libglu1-mesa-dev libgnome-bluetooth13 libgnome-desktop-3-12
libgnome-menu-3-0 libgnomekbd-common libgnomekbd8 libgoa-1.0-0b
libgoa-1.0-common libgstreamer-plugins-base1.0-0
libgstreamer-plugins-good1.0-0 libgstreamer1.0-0 libgtop-2.0-10
libgtop2-common libgweather-3-6 libgweather-common libharfbuzz-icu0
libhtml-parser-perl libhtml-tagset-perl libhttp-date-perl
libhttp-message-perl libhunspell-1.3-0 libhyphen0 libibus-1.0-5 libical1a
libice-dev libice6 libido3-0.1-0 libiec61883-0 libimobiledevice6
libinput-bin libinput10 libio-html-perl libio-pty-perl
libio-socket-inet6-perl libio-socket-ssl-perl libio-string-perl
libipc-run-perl libipc-system-simple-perl libjack-jackd2-0 libjansson4
libjavascriptcoregtk-4.0-18 libldb1 liblightdm-gobject-1-0
liblist-moreutils-perl liblwp-mediatypes-perl libmailtools-perl
libmbim-glib4 libmbim-proxy libmm-glib0 libmtdev1 libmtp-common
libmtp-runtime libmtp9 libnautilus-extension1a libndp0 libnet-dns-perl
libnet-domain-tld-perl libnet-ip-perl libnet-libidn-perl
libnet-smtp-ssl-perl libnet-ssleay-perl libnih-dbus1 libnl-3-200
libnl-genl-3-200 libnm-glib4 libnm-gtk-common libnm-gtk0 libnm-util2 libnm0
libnma-common libnma0 libnotify4 libnss-mdns liboauth0 libogg0 libopus0
liborc-0.4-0 libp11-kit-gnome-keyring libpackagekit-glib2-16
libpam-gnome-keyring libpanel-applet0 libpangoxft-1.0-0
libparse-debianchangelog-perl libpcre16-3 libperlio-gzip-perl libplist3
libpthread-stubs0-dev libpulse-mainloop-glib0 libpulse0 libpulsedsp
libpwquality-common libpwquality1 libqmi-glib5 libqmi-proxy libqt5core5a

```
  libqt5dbus5 libqt5gui5 libqt5network5 libqt5opengl5 libqt5printsupport5
  libqt5qml5 libqt5quick5 libqt5sql5 libqt5sql5-sqlite libqt5svg5
  libqt5webkit5 libqt5widgets5 libqt5xml5 libraw1394-11 libsamplerate0
  libsecret-1-0 libsecret-common libshout3 libsignon-extension1
  libsignon-glib1 libsignon-plugins-common1 libsignon-qt5-1 libsm-dev libsm6
  libsmbclient libsndfile1 libsocket6-perl libspeex1 libspeexdsp1
  libsub-name-perl libtag1v5 libtag1v5-vanilla libtalloc2 libtdb1 libtevent0
  libtext-levenshtein-perl libtheora0 libtimedate-perl libtimezonemap-data
  libtimezonemap1 libudisks2-0 libunistring0 libunity-control-center1
  libunity-settings-daemon1 libupower-glib3 liburi-perl liburl-dispatcher1
  libusbmuxd4 libv4l-0 libv4lconvert0 libvdpau1 libvisual-0.4-0 libvorbis0a
  libvorbisenc2 libvorbisfile3 libwacom-bin libwacom-common libwacom2
  libwavpack1 libwbclient0 libwebkit2gtk-4.0-37 libwebkit2gtk-4.0-37-gtk2
  libwebpdemux1 libwebrtc-audio-processing-0 libx11-dev libx11-doc
  libx11-xcb-dev libxau-dev libxaw7 libxcb-dri2-0-dev libxcb-dri3-dev
  libxcb-glx0 libxcb-glx0-dev libxcb-icccm4 libxcb-image0 libxcb-keysyms1
  libxcb-present-dev libxcb-randr0 libxcb-randr0-dev libxcb-render-util0
  libxcb-render0-dev libxcb-shape0 libxcb-shape0-dev libxcb-sync-dev
  libxcb-util1 libxcb-xfixes0-dev libxcb-xkb1 libxcb1-dev libxdamage-dev
  libxdmcp-dev libxext-dev libxfixes-dev libxfont1 libxft2 libxi-dev
  libxkbcommon-x11-0 libxkbfile1 libxklavier16 libxmu-dev libxmu-headers
  libxmu6 libxnvctrl0 libxshmfence-dev libxt-dev libxt6 libxv1 libxxf86dga1
  libxxf86vm-dev libxxf86vm1 libyaml-libyaml-perl libyelp0 lightdm lintian
  mesa-common-dev mesa-vdpau-drivers mobile-broadband-provider-info
  modemmanager mountall mousetweaks nautilus-data network-manager
  network-manager-gnome network-manager-pptp notification-daemon nvidia-396
  nvidia-396-dev nvidia-modprobe nvidia-opencl-icd-396 nvidia-prime
  nvidia-settings ocl-icd-libopencl1 openjdk-8-jre p11-kit p11-kit-modules
  patchutils pinentry-gnome3 pkg-config policykit-1-gnome ppp pptp-linux
  pulseaudio pulseaudio-module-x11 pulseaudio-utils python-talloc
  python3-aptdaemon python3-aptdaemon.pkcompat python3-bs4 python3-cairo
  python3-cups python3-cupshelpers python3-defer python3-html5lib python3-lxml
  python3-xdg python3-xkit qttranslations5-l10n rtkit samba-libs
  screen-resolution-extra session-migration signon-keyring-extension
  signon-plugin-oauth2 signon-plugin-password signon-ui signon-ui-service
  signon-ui-x11 signond sound-theme-freedesktop system-config-printer-common
  system-config-printer-gnome system-config-printer-udev t1utils
  ubuntu-system-service ubuntu-touch-sounds udisks2 unity-control-center
  unity-control-center-faces unity-control-center-signon unity-greeter
  unity-settings-daemon upower upstart usb-modeswitch usb-modeswitch-data
  usbmuxd vdpau-driver-all wamerican wireless-regdb wpasupplicant x11-utils
  x11-xkb-utils x11proto-core-dev x11proto-damage-dev x11proto-dri2-dev
  x11proto-fixes-dev x11proto-gl-dev x11proto-input-dev x11proto-kb-dev
  x11proto-xext-dev x11proto-xf86vidmode-dev xfonts-base xfonts-encodings
  xfonts-utils xorg-sgml-doctools xserver-common xserver-xorg
  xserver-xorg-core xserver-xorg-input-all xserver-xorg-input-evdev
  xserver-xorg-input-synaptics xserver-xorg-input-vmmouse
  xserver-xorg-input-wacom xserver-xorg-legacy xtrans-dev yelp yelp-xsl
Suggested packages:
  aspell-doc spellutils avahi-autoipd bumblebee default-java-plugin evolution
  evolution-data-server-dbg gettext-doc autopoint apache2-bin
  libapache2-mod-dnssd samba-common hunspell openoffice.org-hunspell
```

```
  | openoffice.org-core ibus-clutter ibus-doc ibus-qt4 click powerd
  unity-system-compositor zenity unity-greeter-session-broadcast alsa-utils
  libgssapi-perl libcanberra-gtk0 libgles2-mesa | libgles2 libdv-bin
  oss-compat libenchant-voikko fcitx libfftw3-bin libfftw3-dev
  libvisual-0.4-plugins gstreamer1.0-tools libdata-dump-perl libice-doc
  libusbmuxd-tools jackd2 avahi-autoipd | zeroconf opus-tools
  libhtml-template-perl libxml-simple-perl libqt5libqgtk2
  qt5-image-formats-plugins qtwayland5 libraw1394-doc libsm-doc speex
  libwww-perl url-dispatcher libxcb-doc libxext-doc libxt-doc bindfs
  binutils-multiarch libtext-template-perl nautilus
  network-manager-openconnect-gnome network-manager-openvpn-gnome
  network-manager-vpnc-gnome network-manager-pptp-gnome icedtea-8-plugin
  pinentry-doc pavumeter pavucontrol paman paprefs python3-genshi
  python3-lxml-dbg python-lxml-doc python3-smbc reiserfsprogs exfat-utils
  libcanberra-gtk-module x11-xserver-utils lightdm-remote-session-freerdp
  lightdm-remote-session-uccsconfigure remote-login-service metacity
  | x-window-manager graphviz upstart-monitor comgt wvdial libvdpau-va-gl1
  nvidia-vdpau-driver nvidia-legacy-340xx-vdpau-driver wpagui
  libengine-pkcs11-openssl mesa-utils xfonts-100dpi | xfonts-75dpi
  xfonts-scalable gpointing-device-settings touchfreeze xinput
The following NEW packages will be installed:
  apg aptdaemon aspell aspell-en avahi-daemon avahi-utils bbswitch-dkms bluez
  bluez-obexd cheese-common cracklib-runtime crda cuda cuda-9-2
  cuda-command-line-tools-9-2 cuda-compiler-9-2 cuda-cublas-9-2
  cuda-cublas-dev-9-2 cuda-cudart-9-2 cuda-cudart-dev-9-2 cuda-cufft-9-2
  cuda-cufft-dev-9-2 cuda-cuobjdump-9-2 cuda-cupti-9-2 cuda-curand-9-2
  cuda-curand-dev-9-2 cuda-cusolver-9-2 cuda-cusolver-dev-9-2
  cuda-cusparse-9-2 cuda-cusparse-dev-9-2 cuda-demo-suite-9-2
  cuda-documentation-9-2 cuda-driver-dev-9-2 cuda-drivers cuda-gdb-9-2
  cuda-gpu-library-advisor-9-2 cuda-libraries-9-2 cuda-libraries-dev-9-2
  cuda-license-9-2 cuda-memcheck-9-2 cuda-misc-headers-9-2 cuda-npp-9-2
  cuda-npp-dev-9-2 cuda-nsight-9-2 cuda-nvcc-9-2 cuda-nvdisasm-9-2
  cuda-nvgraph-9-2 cuda-nvgraph-dev-9-2 cuda-nvml-dev-9-2 cuda-nvprof-9-2
  cuda-nvprune-9-2 cuda-nvrtc-9-2 cuda-nvrtc-dev-9-2 cuda-nvtx-9-2
  cuda-nvvp-9-2 cuda-runtime-9-2 cuda-samples-9-2 cuda-toolkit-9-2
  cuda-tools-9-2 cuda-visual-tools-9-2 cups-pk-helper dbus-x11 dconf-cli
  default-jre desktop-file-utils dictionaries-common diffstat emacsen-common
  enchant evolution-data-server evolution-data-server-common
  evolution-data-server-online-accounts fonts-dejavu-extra freeglut3
  freeglut3-dev gcr geoclue geoclue-ubuntu-geoip gettext gir1.2-atk-1.0
  gir1.2-freedesktop gir1.2-gdkpixbuf-2.0 gir1.2-gnomekeyring-1.0
  gir1.2-gtk-3.0 gir1.2-ibus-1.0 gir1.2-notify-0.7 gir1.2-packagekitglib-1.0
  gir1.2-pango-1.0 gkbd-capplet gnome-bluetooth gnome-desktop3-data
  gnome-keyring gnome-menus gnome-power-manager gnome-screensaver
  gnome-session-bin gnome-settings-daemon-schemas gnome-user-guide
  gnome-user-share gsettings-ubuntu-schemas gstreamer1.0-clutter-3.0
  gstreamer1.0-plugins-base gstreamer1.0-plugins-good gstreamer1.0-x gvfs
  gvfs-backends gvfs-common gvfs-daemons gvfs-libs hardening-includes
  hunspell-en-us hwdata ibus ibus-gtk ibus-gtk3 im-config indicator-applet
  indicator-bluetooth indicator-datetime indicator-keyboard indicator-messages
  indicator-power indicator-session indicator-sound intltool-debian ippusbxd
  iputils-arping iw lib32gcc1 libaa1 libaccount-plugin-1.0-0
```

```
libaccount-plugin-generic-oauth libaccount-plugin-google libaccounts-glib0
libaccounts-qt5-1 libapt-pkg-perl libarchive-zip-perl libasound2
libasound2-data libasound2-plugins libaspell15 libasprintf-dev libassuan0
libasyncns0 libatasmart4 libauthen-sasl-perl libavahi-core7 libavahi-glib1
libavc1394-0 libbluetooth3 libc6-i386 libcaca0 libcamel-1.2-54
libcanberra-gtk3-0 libcanberra-gtk3-module libcanberra-pulse libcanberra0
libcdio-cdda1 libcdio-paranoia1 libcdio13 libcdparanoia0 libcgi-fast-perl
libcgi-pm-perl libcgmanager0 libcheese-gtk25 libcheese8
libclass-accessor-perl libclone-perl libclutter-1.0-0 libclutter-1.0-common
libclutter-gst-3.0-0 libclutter-gtk-1.0-0 libcogl-common libcogl-pango20
libcogl-path20 libcogl20 libcrack2 libcuda1-396 libdaemon0
libdata-alias-perl libdigest-hmac-perl libdouble-conversion1v5 libdrm-dev
libdv4 libebackend-1.2-10 libebook-1.2-16 libebook-contacts-1.2-2
libecal-1.2-19 libedata-book-1.2-25 libedata-cal-1.2-28
libedataserver-1.2-21 libemail-valid-perl libenchant1c2a
libencode-locale-perl libevdev2 libexporter-tiny-perl libfcgi-perl
libfcitx-config4 libfcitx-gclient0 libfcitx-utils0 libfftw3-single3
libfile-basedir-perl libflac8 libfontenc1 libgck-1-0 libgcr-3-common
libgcr-base-3-1 libgcr-ui-3-1 libgdata-common libgdata22 libgee-0.8-2
libgeoclue0 libgeocode-glib0 libgeonames0 libgettextpo-dev libgettextpo0
libgif7 libgl1-mesa-dev libgl1-mesa-glx libglib2.0-bin libglu1-mesa
libglu1-mesa-dev libgnome-bluetooth13 libgnome-desktop-3-12
libgnome-menu-3-0 libgnomekbd-common libgnomekbd8 libgoa-1.0-0b
libgoa-1.0-common libgstreamer-plugins-base1.0-0
libgstreamer-plugins-good1.0-0 libgstreamer1.0-0 libgtop-2.0-10
libgtop2-common libgweather-3-6 libgweather-common libharfbuzz-icu0
libhtml-parser-perl libhtml-tagset-perl libhttp-date-perl
libhttp-message-perl libhunspell-1.3-0 libhyphen0 libibus-1.0-5 libical1a
libice-dev libice6 libido3-0.1-0 libiec61883-0 libimobiledevice6
libinput-bin libinput10 libio-html-perl libio-pty-perl
libio-socket-inet6-perl libio-socket-ssl-perl libio-string-perl
libipc-run-perl libipc-system-simple-perl libjack-jackd2-0 libjansson4
libjavascriptcoregtk-4.0-18 libldb1 liblightdm-gobject-1-0
liblist-moreutils-perl liblwp-mediatypes-perl libmailtools-perl
libmbim-glib4 libmbim-proxy libmm-glib0 libmtdev1 libmtp-common
libmtp-runtime libmtp9 libnautilus-extension1a libndp0 libnet-dns-perl
libnet-domain-tld-perl libnet-ip-perl libnet-libidn-perl
libnet-smtp-ssl-perl libnet-ssleay-perl libnih-dbus1 libnl-3-200
libnl-genl-3-200 libnm-glib4 libnm-gtk-common libnm-gtk0 libnm-util2 libnm0
libnma-common libnma0 libnotify4 libnss-mdns liboauth0 libogg0 libopus0
liborc-0.4-0 libp11-kit-gnome-keyring libpackagekit-glib2-16
libpam-gnome-keyring libpanel-applet0 libpangoxft-1.0-0
libparse-debianchangelog-perl libpcre16-3 libperlio-gzip-perl libplist3
libpthread-stubs0-dev libpulse-mainloop-glib0 libpulse0 libpulsedsp
libpwquality-common libpwquality1 libqmi-glib5 libqmi-proxy libqt5core5a
libqt5dbus5 libqt5gui5 libqt5network5 libqt5opengl5 libqt5printsupport5
libqt5qml5 libqt5quick5 libqt5sql5 libqt5sql5-sqlite libqt5svg5
libqt5webkit5 libqt5widgets5 libqt5xml5 libraw1394-11 libsamplerate0
libsecret-1-0 libsecret-common libshout3 libsignon-extension1
libsignon-glib1 libsignon-plugins-common1 libsignon-qt5-1 libsm-dev libsm6
libsmbclient libsndfile1 libsocket6-perl libspeex1 libspeexdsp1
libsub-name-perl libtag1v5 libtag1v5-vanilla libtalloc2 libtdb1 libtevent0
```

```
    libtext-levenshtein-perl libtheora0 libtimedate-perl libtimezonemap-data
    libtimezonemap1 libudisks2-0 libunistring0 libunity-control-center1
    libunity-settings-daemon1 libupower-glib3 liburi-perl liburl-dispatcher1
    libusbmuxd4 libv4l-0 libv4lconvert0 libvdpau1 libvisual-0.4-0 libvorbis0a
    libvorbisenc2 libvorbisfile3 libwacom-bin libwacom-common libwacom2
    libwavpack1 libwbclient0 libwebkit2gtk-4.0-37 libwebkit2gtk-4.0-37-gtk2
    libwebpdemux1 libwebrtc-audio-processing-0 libx11-dev libx11-doc
    libx11-xcb-dev libxau-dev libxaw7 libxcb-dri2-0-dev libxcb-dri3-dev
    libxcb-glx0 libxcb-glx0-dev libxcb-icccm4 libxcb-image0 libxcb-keysyms1
    libxcb-present-dev libxcb-randr0 libxcb-randr0-dev libxcb-render-util0
    libxcb-render0-dev libxcb-shape0 libxcb-shape0-dev libxcb-sync-dev
    libxcb-util1 libxcb-xfixes0-dev libxcb-xkb1 libxcb1-dev libxdamage-dev
    libxdmcp-dev libxext-dev libxfixes-dev libxfont1 libxft2 libxi-dev
    libxkbcommon-x11-0 libxkbfile1 libxklavier16 libxmu-dev libxmu-headers
    libxmu6 libxnvctrl0 libxshmfence-dev libxt-dev libxt6 libxv1 libxxf86dga1
    libxxf86vm-dev libxxf86vm1 libyaml-libyaml-perl libyelp0 lightdm lintian
    mesa-common-dev mesa-vdpau-drivers mobile-broadband-provider-info
    modemmanager mountall mousetweaks nautilus-data network-manager
    network-manager-gnome network-manager-pptp notification-daemon nvidia-396
    nvidia-396-dev nvidia-modprobe nvidia-opencl-icd-396 nvidia-prime
    nvidia-settings ocl-icd-libopencl1 openjdk-8-jre p11-kit p11-kit-modules
    patchutils pinentry-gnome3 pkg-config policykit-1-gnome ppp pptp-linux
    pulseaudio pulseaudio-module-x11 pulseaudio-utils python-talloc
    python3-aptdaemon python3-aptdaemon.pkcompat python3-bs4 python3-cairo
    python3-cups python3-cupshelpers python3-defer python3-html5lib python3-lxml
    python3-xdg python3-xkit qttranslations5-l10n rtkit samba-libs
    screen-resolution-extra session-migration signon-keyring-extension
    signon-plugin-oauth2 signon-plugin-password signon-ui signon-ui-service
    signon-ui-x11 signond sound-theme-freedesktop system-config-printer-common
    system-config-printer-gnome system-config-printer-udev t1utils
    ubuntu-system-service ubuntu-touch-sounds udisks2 unity-control-center
    unity-control-center-faces unity-control-center-signon unity-greeter
    unity-settings-daemon upower upstart usb-modeswitch usb-modeswitch-data
    usbmuxd vdpau-driver-all wamerican wireless-regdb wpasupplicant x11-utils
    x11-xkb-utils x11proto-core-dev x11proto-damage-dev x11proto-dri2-dev
    x11proto-fixes-dev x11proto-gl-dev x11proto-input-dev x11proto-kb-dev
    x11proto-xext-dev x11proto-xf86vidmode-dev xfonts-base xfonts-encodings
    xfonts-utils xorg-sgml-doctools xserver-common xserver-xorg
    xserver-xorg-core xserver-xorg-input-all xserver-xorg-input-evdev
    xserver-xorg-input-synaptics xserver-xorg-input-vmmouse
    xserver-xorg-input-wacom xserver-xorg-legacy xtrans-dev yelp yelp-xsl
0 upgraded, 532 newly installed, 0 to remove and 0 not upgraded.
Need to get 129 MB/1,361 MB of archives.
After this operation, 3,596 MB of additional disk space will be used.
Do you want to continue? [Y/n] n
Abort.
ubuntu@ip-172-31-38-67:~/debCUDAtoolkit$ sudo apt-get install cuda-
cuda-9-2                        cuda-libraries-dev-9-2
cuda-command-line-tools-9-2     cuda-license-9-2
cuda-compiler-9-2               cuda-memcheck-9-2
cuda-core-9-2                   cuda-minimal-build-9-2
cuda-cublas-9-2                 cuda-misc-headers-9-2
```

```
cuda-cublas-dev-9-2            cuda-npp-9-2
cuda-cudart-9-2                cuda-npp-dev-9-2
cuda-cudart-dev-9-2            cuda-nsight-9-2
cuda-cufft-9-2                 cuda-nvcc-9-2
cuda-cufft-dev-9-2             cuda-nvdisasm-9-2
cuda-cuobjdump-9-2             cuda-nvgraph-9-2
cuda-cupti-9-2                 cuda-nvgraph-dev-9-2
cuda-curand-9-2                cuda-nvml-dev-9-2
cuda-curand-dev-9-2            cuda-nvprof-9-2
cuda-cusolver-9-2              cuda-nvprune-9-2
cuda-cusolver-dev-9-2          cuda-nvrtc-9-2
cuda-cusparse-9-2             cuda-nvrtc-dev-9-2
cuda-cusparse-dev-9-2          cuda-nvtx-9-2
cuda-demo-suite-9-2            cuda-nvvp-9-2
cuda-documentation-9-2         cuda-repo-ubuntu1604-9-2-local
cuda-driver-dev-9-2            cuda-runtime-9-2
cuda-drivers                   cuda-samples-9-2
cuda-gdb-9-2                   cuda-toolkit-9-2
cuda-gdb-src-9-2               cuda-tools-9-2
cuda-gpu-library-advisor-9-2   cuda-visual-tools-9-2
cuda-libraries-9-2
```
ubuntu@ip-172-31-38-67:**~/debCUDAtoolkit**$ sudo apt-get install cuda-9-2
```
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  apg aptdaemon aspell aspell-en avahi-daemon avahi-utils bbswitch-dkms bluez
  bluez-obexd cheese-common cracklib-runtime crda cuda-command-line-tools-9-2
  cuda-compiler-9-2 cuda-cublas-9-2 cuda-cublas-dev-9-2 cuda-cudart-9-2
  cuda-cudart-dev-9-2 cuda-cufft-9-2 cuda-cufft-dev-9-2 cuda-cuobjdump-9-2
  cuda-cupti-9-2 cuda-curand-9-2 cuda-curand-dev-9-2 cuda-cusolver-9-2
  cuda-cusolver-dev-9-2 cuda-cusparse-9-2 cuda-cusparse-dev-9-2
  cuda-demo-suite-9-2 cuda-documentation-9-2 cuda-driver-dev-9-2 cuda-drivers
  cuda-gdb-9-2 cuda-gpu-library-advisor-9-2 cuda-libraries-9-2
  cuda-libraries-dev-9-2 cuda-license-9-2 cuda-memcheck-9-2
  cuda-misc-headers-9-2 cuda-npp-9-2 cuda-npp-dev-9-2 cuda-nsight-9-2
  cuda-nvcc-9-2 cuda-nvdisasm-9-2 cuda-nvgraph-9-2 cuda-nvgraph-dev-9-2
  cuda-nvml-dev-9-2 cuda-nvprof-9-2 cuda-nvprune-9-2 cuda-nvrtc-9-2
  cuda-nvrtc-dev-9-2 cuda-nvtx-9-2 cuda-nvvp-9-2 cuda-runtime-9-2
  cuda-samples-9-2 cuda-toolkit-9-2 cuda-tools-9-2 cuda-visual-tools-9-2
  cups-pk-helper dbus-x11 dconf-cli default-jre desktop-file-utils
  dictionaries-common diffstat emacsen-common enchant evolution-data-server
  evolution-data-server-common evolution-data-server-online-accounts
  fonts-dejavu-extra freeglut3 freeglut3-dev gcr geoclue geoclue-ubuntu-geoip
  gettext gir1.2-atk-1.0 gir1.2-freedesktop gir1.2-gdkpixbuf-2.0
  gir1.2-gnomekeyring-1.0 gir1.2-gtk-3.0 gir1.2-ibus-1.0 gir1.2-notify-0.7
  gir1.2-packagekitglib-1.0 gir1.2-pango-1.0 gkbd-capplet gnome-bluetooth
  gnome-desktop3-data gnome-keyring gnome-menus gnome-power-manager
  gnome-screensaver gnome-session-bin gnome-settings-daemon-schemas
  gnome-user-guide gnome-user-share gsettings-ubuntu-schemas
  gstreamer1.0-clutter-3.0 gstreamer1.0-plugins-base gstreamer1.0-plugins-good
  gstreamer1.0-x gvfs gvfs-backends gvfs-common gvfs-daemons gvfs-libs
```

hardening-includes hunspell-en-us hwdata ibus ibus-gtk ibus-gtk3 im-config
indicator-applet indicator-bluetooth indicator-datetime indicator-keyboard
indicator-messages indicator-power indicator-session indicator-sound
intltool-debian ippusbxd iputils-arping iw lib32gcc1 libaa1
libaccount-plugin-1.0-0 libaccount-plugin-generic-oauth
libaccount-plugin-google libaccounts-glib0 libaccounts-qt5-1 libapt-pkg-perl
libarchive-zip-perl libasound2 libasound2-data libasound2-plugins
libaspell15 libasprintf-dev libassuan0 libasyncns0 libatasmart4
libauthen-sasl-perl libavahi-core7 libavahi-glib1 libavc1394-0 libbluetooth3
libc6-i386 libcaca0 libcamel-1.2-54 libcanberra-gtk3-0
libcanberra-gtk3-module libcanberra-pulse libcanberra0 libcdio-cdda1
libcdio-paranoia1 libcdio13 libcdparanoia0 libcgi-fast-perl libcgi-pm-perl
libcgmanager0 libcheese-gtk25 libcheese8 libclass-accessor-perl
libclone-perl libclutter-1.0-0 libclutter-1.0-common libclutter-gst-3.0-0
libclutter-gtk-1.0-0 libcogl-common libcogl-pango20 libcogl-path20 libcogl20
libcrack2 libcuda1-396 libdaemon0 libdata-alias-perl libdigest-hmac-perl
libdouble-conversion1v5 libdrm-dev libdv4 libebackend-1.2-10 libebook-1.2-16
libebook-contacts-1.2-2 libecal-1.2-19 libedata-book-1.2-25
libedata-cal-1.2-28 libedataserver-1.2-21 libemail-valid-perl libenchant1c2a
libencode-locale-perl libevdev2 libexporter-tiny-perl libfcgi-perl
libfcitx-config4 libfcitx-gclient0 libfcitx-utils0 libfftw3-single3
libfile-basedir-perl libflac8 libfontenc1 libgck-1-0 libgcr-3-common
libgcr-base-3-1 libgcr-ui-3-1 libgdata-common libgdata22 libgee-0.8-2
libgeoclue0 libgeocode-glib0 libgeonames0 libgettextpo-dev libgettextpo0
libgif7 libgl1-mesa-dev libgl1-mesa-glx libglib2.0-bin libglu1-mesa
libglu1-mesa-dev libgnome-bluetooth13 libgnome-desktop-3-12
libgnome-menu-3-0 libgnomekbd-common libgnomekbd8 libgoa-1.0-0b
libgoa-1.0-common libgstreamer-plugins-base1.0-0
libgstreamer-plugins-good1.0-0 libgstreamer1.0-0 libgtop-2.0-10
libgtop2-common libgweather-3-6 libgweather-common libharfbuzz-icu0
libhtml-parser-perl libhtml-tagset-perl libhttp-date-perl
libhttp-message-perl libhunspell-1.3-0 libhyphen0 libibus-1.0-5 libical1a
libice-dev libice6 libido3-0.1-0 libiec61883-0 libimobiledevice6
libinput-bin libinput10 libio-html-perl libio-pty-perl
libio-socket-inet6-perl libio-socket-ssl-perl libio-string-perl
libipc-run-perl libipc-system-simple-perl libjack-jackd2-0 libjansson4
libjavascriptcoregtk-4.0-18 libldb1 liblightdm-gobject-1-0
liblist-moreutils-perl liblwp-mediatypes-perl libmailtools-perl
libmbim-glib4 libmbim-proxy libmm-glib0 libmtdev1 libmtp-common
libmtp-runtime libmtp9 libnautilus-extension1a libndp0 libnet-dns-perl
libnet-domain-tld-perl libnet-ip-perl libnet-libidn-perl
libnet-smtp-ssl-perl libnet-ssleay-perl libnih-dbus1 libnl-3-200
libnl-genl-3-200 libnm-glib4 libnm-gtk-common libnm-gtk0 libnm-util2 libnm0
libnma-common libnma0 libnotify4 libnss-mdns liboauth0 libogg0 libopus0
liborc-0.4-0 libp11-kit-gnome-keyring libpackagekit-glib2-16
libpam-gnome-keyring libpanel-applet0 libpangoxft-1.0-0
libparse-debianchangelog-perl libpcre16-3 libperlio-gzip-perl libplist3
libpthread-stubs0-dev libpulse-mainloop-glib0 libpulse0 libpulsedsp
libpwquality-common libpwquality1 libqmi-glib5 libqmi-proxy libqt5core5a
libqt5dbus5 libqt5gui5 libqt5network5 libqt5opengl5 libqt5printsupport5
libqt5qml5 libqt5quick5 libqt5sql5 libqt5sql5-sqlite libqt5svg5
libqt5webkit5 libqt5widgets5 libqt5xml5 libraw1394-11 libsamplerate0

```
    libsecret-1-0 libsecret-common libshout3 libsignon-extension1
    libsignon-glib1 libsignon-plugins-common1 libsignon-qt5-1 libsm-dev libsm6
    libsmbclient libsndfile1 libsocket6-perl libspeex1 libspeexdsp1
    libsub-name-perl libtag1v5 libtag1v5-vanilla libtalloc2 libtdb1 libtevent0
    libtext-levenshtein-perl libtheora0 libtimedate-perl libtimezonemap-data
    libtimezonemap1 libudisks2-0 libunistring0 libunity-control-center1
    libunity-settings-daemon1 libupower-glib3 liburi-perl liburl-dispatcher1
    libusbmuxd4 libv4l-0 libv4lconvert0 libvdpau1 libvisual-0.4-0 libvorbis0a
    libvorbisenc2 libvorbisfile3 libwacom-bin libwacom-common libwacom2
    libwavpack1 libwbclient0 libwebkit2gtk-4.0-37 libwebkit2gtk-4.0-37-gtk2
    libwebpdemux1 libwebrtc-audio-processing-0 libx11-dev libx11-doc
    libx11-xcb-dev libxau-dev libxaw7 libxcb-dri2-0-dev libxcb-dri3-dev
    libxcb-glx0 libxcb-glx0-dev libxcb-icccm4 libxcb-image0 libxcb-keysyms1
    libxcb-present-dev libxcb-randr0 libxcb-randr0-dev libxcb-render-util0
    libxcb-render0-dev libxcb-shape0 libxcb-shape0-dev libxcb-sync-dev
    libxcb-util1 libxcb-xfixes0-dev libxcb-xkb1 libxcb1-dev libxdamage-dev
    libxdmcp-dev libxext-dev libxfixes-dev libxfont1 libxft2 libxi-dev
    libxkbcommon-x11-0 libxkbfile1 libxklavier16 libxmu-dev libxmu-headers
    libxmu6 libxnvctrl0 libxshmfence-dev libxt-dev libxt6 libxv1 libxxf86dga1
    libxxf86vm-dev libxxf86vm1 libyaml-libyaml-perl libyelp0 lightdm lintian
    mesa-common-dev mesa-vdpau-drivers mobile-broadband-provider-info
    modemmanager mountall mousetweaks nautilus-data network-manager
    network-manager-gnome network-manager-pptp notification-daemon nvidia-396
    nvidia-396-dev nvidia-modprobe nvidia-opencl-icd-396 nvidia-prime
    nvidia-settings ocl-icd-libopencl1 openjdk-8-jre p11-kit p11-kit-modules
    patchutils pinentry-gnome3 pkg-config policykit-1-gnome ppp pptp-linux
    pulseaudio pulseaudio-module-x11 pulseaudio-utils python-talloc
    python3-aptdaemon python3-aptdaemon.pkcompat python3-bs4 python3-cairo
    python3-cups python3-cupshelpers python3-defer python3-html5lib python3-lxml
    python3-xdg python3-xkit qttranslations5-l10n rtkit samba-libs
    screen-resolution-extra session-migration signon-keyring-extension
    signon-plugin-oauth2 signon-plugin-password signon-ui signon-ui-service
    signon-ui-x11 signond sound-theme-freedesktop system-config-printer-common
    system-config-printer-gnome system-config-printer-udev t1utils
    ubuntu-system-service ubuntu-touch-sounds udisks2 unity-control-center
    unity-control-center-faces unity-control-center-signon unity-greeter
    unity-settings-daemon upower upstart usb-modeswitch usb-modeswitch-data
    usbmuxd vdpau-driver-all wamerican wireless-regdb wpasupplicant x11-utils
    x11-xkb-utils x11proto-core-dev x11proto-damage-dev x11proto-dri2-dev
    x11proto-fixes-dev x11proto-gl-dev x11proto-input-dev x11proto-kb-dev
    x11proto-xext-dev x11proto-xf86vidmode-dev xfonts-base xfonts-encodings
    xfonts-utils xorg-sgml-doctools xserver-common xserver-xorg
    xserver-xorg-core xserver-xorg-input-all xserver-xorg-input-evdev
    xserver-xorg-input-synaptics xserver-xorg-input-vmmouse
    xserver-xorg-input-wacom xserver-xorg-legacy xtrans-dev yelp yelp-xsl
Suggested packages:
    aspell-doc spellutils avahi-autoipd bumblebee default-java-plugin evolution
    evolution-data-server-dbg gettext-doc autopoint apache2-bin
    libapache2-mod-dnssd samba-common hunspell openoffice.org-hunspell
    | openoffice.org-core ibus-clutter ibus-doc ibus-qt4 click powerd
    unity-system-compositor zenity unity-greeter-session-broadcast alsa-utils
    libgssapi-perl libcanberra-gtk0 libgles2-mesa | libgles2 libdv-bin
```

oss-compat libenchant-voikko fcitx libfftw3-bin libfftw3-dev
    libvisual-0.4-plugins gstreamer1.0-tools libdata-dump-perl libice-doc
    libusbmuxd-tools jackd2 avahi-autoipd | zeroconf opus-tools
    libhtml-template-perl libxml-simple-perl libqt5libqgtk2
    qt5-image-formats-plugins qtwayland5 libraw1394-doc libsm-doc speex
    libwww-perl url-dispatcher libxcb-doc libxext-doc libxt-doc bindfs
    binutils-multiarch libtext-template-perl nautilus
    network-manager-openconnect-gnome network-manager-openvpn-gnome
    network-manager-vpnc-gnome network-manager-pptp-gnome icedtea-8-plugin
    pinentry-doc pavumeter pavucontrol paman paprefs python3-genshi
    python3-lxml-dbg python-lxml-doc python3-smbc reiserfsprogs exfat-utils
    libcanberra-gtk-module x11-xserver-utils lightdm-remote-session-freerdp
    lightdm-remote-session-uccsconfigure remote-login-service metacity
    | x-window-manager graphviz upstart-monitor comgt wvdial libvdpau-va-gl1
    nvidia-vdpau-driver nvidia-legacy-340xx-vdpau-driver wpagui
    libengine-pkcs11-openssl mesa-utils xfonts-100dpi | xfonts-75dpi
    xfonts-scalable gpointing-device-settings touchfreeze xinput
  The following NEW packages will be installed:
    apg aptdaemon aspell aspell-en avahi-daemon avahi-utils bbswitch-dkms bluez
    bluez-obexd cheese-common cracklib-runtime crda cuda-9-2
    cuda-command-line-tools-9-2 cuda-compiler-9-2 cuda-cublas-9-2
    cuda-cublas-dev-9-2 cuda-cudart-9-2 cuda-cudart-dev-9-2 cuda-cufft-9-2
    cuda-cufft-dev-9-2 cuda-cuobjdump-9-2 cuda-cupti-9-2 cuda-curand-9-2
    cuda-curand-dev-9-2 cuda-cusolver-9-2 cuda-cusolver-dev-9-2
    cuda-cusparse-9-2 cuda-cusparse-dev-9-2 cuda-demo-suite-9-2
    cuda-documentation-9-2 cuda-driver-dev-9-2 cuda-drivers cuda-gdb-9-2
    cuda-gpu-library-advisor-9-2 cuda-libraries-9-2 cuda-libraries-dev-9-2
    cuda-license-9-2 cuda-memcheck-9-2 cuda-misc-headers-9-2 cuda-npp-9-2
    cuda-npp-dev-9-2 cuda-nsight-9-2 cuda-nvcc-9-2 cuda-nvdisasm-9-2
    cuda-nvgraph-9-2 cuda-nvgraph-dev-9-2 cuda-nvml-dev-9-2 cuda-nvprof-9-2
    cuda-nvprune-9-2 cuda-nvrtc-9-2 cuda-nvrtc-dev-9-2 cuda-nvtx-9-2
    cuda-nvvp-9-2 cuda-runtime-9-2 cuda-samples-9-2 cuda-toolkit-9-2
    cuda-tools-9-2 cuda-visual-tools-9-2 cups-pk-helper dbus-x11 dconf-cli
    default-jre desktop-file-utils dictionaries-common diffstat emacsen-common
    enchant evolution-data-server evolution-data-server-common
    evolution-data-server-online-accounts fonts-dejavu-extra freeglut3
    freeglut3-dev gcr geoclue geoclue-ubuntu-geoip gettext gir1.2-atk-1.0
    gir1.2-freedesktop gir1.2-gdkpixbuf-2.0 gir1.2-gnomekeyring-1.0
    gir1.2-gtk-3.0 gir1.2-ibus-1.0 gir1.2-notify-0.7 gir1.2-packagekitglib-1.0
    gir1.2-pango-1.0 gkbd-capplet gnome-bluetooth gnome-desktop3-data
    gnome-keyring gnome-menus gnome-power-manager gnome-screensaver
    gnome-session-bin gnome-settings-daemon-schemas gnome-user-guide
    gnome-user-share gsettings-ubuntu-schemas gstreamer1.0-clutter-3.0
    gstreamer1.0-plugins-base gstreamer1.0-plugins-good gstreamer1.0-x gvfs
    gvfs-backends gvfs-common gvfs-daemons gvfs-libs hardening-includes
    hunspell-en-us hwdata ibus ibus-gtk ibus-gtk3 im-config indicator-applet
    indicator-bluetooth indicator-datetime indicator-keyboard indicator-messages
    indicator-power indicator-session indicator-sound intltool-debian ippusbxd
    iputils-arping iw lib32gcc1 libaa1 libaccount-plugin-1.0-0
    libaccount-plugin-generic-oauth libaccount-plugin-google libaccounts-glib0
    libaccounts-qt5-1 libapt-pkg-perl libarchive-zip-perl libasound2
    libasound2-data libasound2-plugins libaspell15 libasprintf-dev libassuan0

```
libasyncns0 libatasmart4 libauthen-sasl-perl libavahi-core7 libavahi-glib1
libavc1394-0 libbluetooth3 libc6-i386 libcaca0 libcamel-1.2-54
libcanberra-gtk3-0 libcanberra-gtk3-module libcanberra-pulse libcanberra0
libcdio-cdda1 libcdio-paranoia1 libcdio13 libcdparanoia0 libcgi-fast-perl
libcgi-pm-perl libcgmanager0 libcheese-gtk25 libcheese8
libclass-accessor-perl libclone-perl libclutter-1.0-0 libclutter-1.0-common
libclutter-gst-3.0-0 libclutter-gtk-1.0-0 libcogl-common libcogl-pango20
libcogl-path20 libcogl20 libcrack2 libcuda1-396 libdaemon0
libdata-alias-perl libdigest-hmac-perl libdouble-conversion1v5 libdrm-dev
libdv4 libebackend-1.2-10 libebook-1.2-16 libebook-contacts-1.2-2
libecal-1.2-19 libedata-book-1.2-25 libedata-cal-1.2-28
libedataserver-1.2-21 libemail-valid-perl libenchant1c2a
libencode-locale-perl libevdev2 libexporter-tiny-perl libfcgi-perl
libfcitx-config4 libfcitx-gclient0 libfcitx-utils0 libfftw3-single3
libfile-basedir-perl libflac8 libfontenc1 libgck-1-0 libgcr-3-common
libgcr-base-3-1 libgcr-ui-3-1 libgdata-common libgdata22 libgee-0.8-2
libgeoclue0 libgeocode-glib0 libgeonames0 libgettextpo-dev libgettextpo0
libgif7 libgl1-mesa-dev libgl1-mesa-glx libglib2.0-bin libglu1-mesa
libglu1-mesa-dev libgnome-bluetooth13 libgnome-desktop-3-12
libgnome-menu-3-0 libgnomekbd-common libgnomekbd8 libgoa-1.0-0b
libgoa-1.0-common libgstreamer-plugins-base1.0-0
libgstreamer-plugins-good1.0-0 libgstreamer1.0-0 libgtop-2.0-10
libgtop2-common libgweather-3-6 libgweather-common libharfbuzz-icu0
libhtml-parser-perl libhtml-tagset-perl libhttp-date-perl
libhttp-message-perl libhunspell-1.3-0 libhyphen0 libibus-1.0-5 libical1a
libice-dev libice6 libido3-0.1-0 libiec61883-0 libimobiledevice6
libinput-bin libinput10 libio-html-perl libio-pty-perl
libio-socket-inet6-perl libio-socket-ssl-perl libio-string-perl
libipc-run-perl libipc-system-simple-perl libjack-jackd2-0 libjansson4
libjavascriptcoregtk-4.0-18 libldb1 liblightdm-gobject-1-0
liblist-moreutils-perl liblwp-mediatypes-perl libmailtools-perl
libmbim-glib4 libmbim-proxy libmm-glib0 libmtdev1 libmtp-common
libmtp-runtime libmtp9 libnautilus-extension1a libndp0 libnet-dns-perl
libnet-domain-tld-perl libnet-ip-perl libnet-libidn-perl
libnet-smtp-ssl-perl libnet-ssleay-perl libnih-dbus1 libnl-3-200
libnl-genl-3-200 libnm-glib4 libnm-gtk-common libnm-gtk0 libnm-util2 libnm0
libnma-common libnma0 libnotify4 libnss-mdns liboauth0 libogg0 libopus0
liborc-0.4-0 libp11-kit-gnome-keyring libpackagekit-glib2-16
libpam-gnome-keyring libpanel-applet0 libpangoxft-1.0-0
libparse-debianchangelog-perl libpcre16-3 libperlio-gzip-perl libplist3
libpthread-stubs0-dev libpulse-mainloop-glib0 libpulse0 libpulsedsp
libpwquality-common libpwquality1 libqmi-glib5 libqmi-proxy libqt5core5a
libqt5dbus5 libqt5gui5 libqt5network5 libqt5opengl5 libqt5printsupport5
libqt5qml5 libqt5quick5 libqt5sql5 libqt5sql5-sqlite libqt5svg5
libqt5webkit5 libqt5widgets5 libqt5xml5 libraw1394-11 libsamplerate0
libsecret-1-0 libsecret-common libshout3 libsignon-extension1
libsignon-glib1 libsignon-plugins-common1 libsignon-qt5-1 libsm-dev libsm6
libsmbclient libsndfile1 libsocket6-perl libspeex1 libspeexdsp1
libsub-name-perl libtag1v5 libtag1v5-vanilla libtalloc2 libtdb1 libtevent0
libtext-levenshtein-perl libtheora0 libtimedate-perl libtimezonemap-data
libtimezonemap1 libudisks2-0 libunistring0 libunity-control-center1
libunity-settings-daemon1 libupower-glib3 liburi-perl liburl-dispatcher1
```

```
  libusbmuxd4 libv4l-0 libv4lconvert0 libvdpau1 libvisual-0.4-0 libvorbis0a
  libvorbisenc2 libvorbisfile3 libwacom-bin libwacom-common libwacom2
  libwavpack1 libwbclient0 libwebkit2gtk-4.0-37 libwebkit2gtk-4.0-37-gtk2
  libwebpdemux1 libwebrtc-audio-processing-0 libx11-dev libx11-doc
  libx11-xcb-dev libxau-dev libxaw7 libxcb-dri2-0-dev libxcb-dri3-dev
  libxcb-glx0 libxcb-glx0-dev libxcb-icccm4 libxcb-image0 libxcb-keysyms1
  libxcb-present-dev libxcb-randr0 libxcb-randr0-dev libxcb-render-util0
  libxcb-render0-dev libxcb-shape0 libxcb-shape0-dev libxcb-sync-dev
  libxcb-util1 libxcb-xfixes0-dev libxcb-xkb1 libxcb1-dev libxdamage-dev
  libxdmcp-dev libxext-dev libxfixes-dev libxfont1 libxft2 libxi-dev
  libxkbcommon-x11-0 libxkbfile1 libxklavier16 libxmu-dev libxmu-headers
  libxmu6 libxnvctrl0 libxshmfence-dev libxt-dev libxt6 libxv1 libxxf86dga1
  libxxf86vm-dev libxxf86vm1 libyaml-libyaml-perl libyelp0 lightdm lintian
  mesa-common-dev mesa-vdpau-drivers mobile-broadband-provider-info
  modemmanager mountall mousetweaks nautilus-data network-manager
  network-manager-gnome network-manager-pptp notification-daemon nvidia-396
  nvidia-396-dev nvidia-modprobe nvidia-opencl-icd-396 nvidia-prime
  nvidia-settings ocl-icd-libopencl1 openjdk-8-jre p11-kit p11-kit-modules
  patchutils pinentry-gnome3 pkg-config policykit-1-gnome ppp pptp-linux
  pulseaudio pulseaudio-module-x11 pulseaudio-utils python-talloc
  python3-aptdaemon python3-aptdaemon.pkcompat python3-bs4 python3-cairo
  python3-cups python3-cupshelpers python3-defer python3-html5lib python3-lxml
  python3-xdg python3-xkit qttranslations5-l10n rtkit samba-libs
  screen-resolution-extra session-migration signon-keyring-extension
  signon-plugin-oauth2 signon-plugin-password signon-ui signon-ui-service
  signon-ui-x11 signond sound-theme-freedesktop system-config-printer-common
  system-config-printer-gnome system-config-printer-udev t1utils
  ubuntu-system-service ubuntu-touch-sounds udisks2 unity-control-center
  unity-control-center-faces unity-control-center-signon unity-greeter
  unity-settings-daemon upower upstart usb-modeswitch usb-modeswitch-data
  usbmuxd vdpau-driver-all wamerican wireless-regdb wpasupplicant x11-utils
  x11-xkb-utils x11proto-core-dev x11proto-damage-dev x11proto-dri2-dev
  x11proto-fixes-dev x11proto-gl-dev x11proto-input-dev x11proto-kb-dev
  x11proto-xext-dev x11proto-xf86vidmode-dev xfonts-base xfonts-encodings
  xfonts-utils xorg-sgml-doctools xserver-common xserver-xorg
  xserver-xorg-core xserver-xorg-input-all xserver-xorg-input-evdev
  xserver-xorg-input-synaptics xserver-xorg-input-vmmouse
  xserver-xorg-input-wacom xserver-xorg-legacy xtrans-dev yelp yelp-xsl
0 upgraded, 531 newly installed, 0 to remove and 0 not upgraded.
Need to get 129 MB/1,361 MB of archives.
After this operation, 3,596 MB of additional disk space will be used.
Do you want to continue? [Y/n] n
Abort.
ubuntu@ip-172-31-38-67:~/debCUDAtoolkit$ sudo apt-get install cuda-9-2 cuda
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  apg aptdaemon aspell aspell-en avahi-daemon avahi-utils bbswitch-dkms bluez
  bluez-obexd cheese-common cracklib-runtime crda cuda-command-line-tools-9-2
  cuda-compiler-9-2 cuda-cublas-9-2 cuda-cublas-dev-9-2 cuda-cudart-9-2
  cuda-cudart-dev-9-2 cuda-cufft-9-2 cuda-cufft-dev-9-2 cuda-cuobjdump-9-2
```

```
cuda-cupti-9-2 cuda-curand-9-2 cuda-curand-dev-9-2 cuda-cusolver-9-2
cuda-cusolver-dev-9-2 cuda-cusparse-9-2 cuda-cusparse-dev-9-2
cuda-demo-suite-9-2 cuda-documentation-9-2 cuda-driver-dev-9-2 cuda-drivers
cuda-gdb-9-2 cuda-gpu-library-advisor-9-2 cuda-libraries-9-2
cuda-libraries-dev-9-2 cuda-license-9-2 cuda-memcheck-9-2
cuda-misc-headers-9-2 cuda-npp-9-2 cuda-npp-dev-9-2 cuda-nsight-9-2
cuda-nvcc-9-2 cuda-nvdisasm-9-2 cuda-nvgraph-9-2 cuda-nvgraph-dev-9-2
cuda-nvml-dev-9-2 cuda-nvprof-9-2 cuda-nvprune-9-2 cuda-nvrtc-9-2
cuda-nvrtc-dev-9-2 cuda-nvtx-9-2 cuda-nvvp-9-2 cuda-runtime-9-2
cuda-samples-9-2 cuda-toolkit-9-2 cuda-tools-9-2 cuda-visual-tools-9-2
cups-pk-helper dbus-x11 dconf-cli default-jre desktop-file-utils
dictionaries-common diffstat emacsen-common enchant evolution-data-server
evolution-data-server-common evolution-data-server-online-accounts
fonts-dejavu-extra freeglut3 freeglut3-dev gcr geoclue geoclue-ubuntu-geoip
gettext gir1.2-atk-1.0 gir1.2-freedesktop gir1.2-gdkpixbuf-2.0
gir1.2-gnomekeyring-1.0 gir1.2-gtk-3.0 gir1.2-ibus-1.0 gir1.2-notify-0.7
gir1.2-packagekitglib-1.0 gir1.2-pango-1.0 gkbd-capplet gnome-bluetooth
gnome-desktop3-data gnome-keyring gnome-menus gnome-power-manager
gnome-screensaver gnome-session-bin gnome-settings-daemon-schemas
gnome-user-guide gnome-user-share gsettings-ubuntu-schemas
gstreamer1.0-clutter-3.0 gstreamer1.0-plugins-base gstreamer1.0-plugins-good
gstreamer1.0-x gvfs gvfs-backends gvfs-common gvfs-daemons gvfs-libs
hardening-includes hunspell-en-us hwdata ibus ibus-gtk ibus-gtk3 im-config
indicator-applet indicator-bluetooth indicator-datetime indicator-keyboard
indicator-messages indicator-power indicator-session indicator-sound
intltool-debian ippusbxd iputils-arping iw lib32gcc1 libaa1
libaccount-plugin-1.0-0 libaccount-plugin-generic-oauth
libaccount-plugin-google libaccounts-glib0 libaccounts-qt5-1 libapt-pkg-perl
libarchive-zip-perl libasound2 libasound2-data libasound2-plugins
libaspell15 libasprintf-dev libassuan0 libasyncns0 libatasmart4
libauthen-sasl-perl libavahi-core7 libavahi-glib1 libavc1394-0 libbluetooth3
libc6-i386 libcaca0 libcamel-1.2-54 libcanberra-gtk3-0
libcanberra-gtk3-module libcanberra-pulse libcanberra0 libcdio-cdda1
libcdio-paranoia1 libcdio13 libcdparanoia0 libcgi-fast-perl libcgi-pm-perl
libcgmanager0 libcheese-gtk25 libcheese8 libclass-accessor-perl
libclone-perl libclutter-1.0-0 libclutter-1.0-common libclutter-gst-3.0-0
libclutter-gtk-1.0-0 libcogl-common libcogl-pango20 libcogl-path20 libcogl20
libcrack2 libcuda1-396 libdaemon0 libdata-alias-perl libdigest-hmac-perl
libdouble-conversion1v5 libdrm-dev libdv4 libebackend-1.2-10 libebook-1.2-16
libebook-contacts-1.2-2 libecal-1.2-19 libedata-book-1.2-25
libedata-cal-1.2-28 libedataserver-1.2-21 libemail-valid-perl libenchant1c2a
libencode-locale-perl libevdev2 libexporter-tiny-perl libfcgi-perl
libfcitx-config4 libfcitx-gclient0 libfcitx-utils0 libfftw3-single3
libfile-basedir-perl libflac8 libfontenc1 libgck-1-0 libgcr-3-common
libgcr-base-3-1 libgcr-ui-3-1 libgdata-common libgdata22 libgee-0.8-2
libgeoclue0 libgeocode-glib0 libgeonames0 libgettextpo-dev libgettextpo0
libgif7 libgl1-mesa-dev libgl1-mesa-glx libglib2.0-bin libglu1-mesa
libglu1-mesa-dev libgnome-bluetooth13 libgnome-desktop-3-12
libgnome-menu-3-0 libgnomekbd-common libgnomekbd8 libgoa-1.0-0b
libgoa-1.0-common libgstreamer-plugins-base1.0-0
libgstreamer-plugins-good1.0-0 libgstreamer1.0-0 libgtop-2.0-10
libgtop2-common libgweather-3-6 libgweather-common libharfbuzz-icu0
```

```
libhtml-parser-perl libhtml-tagset-perl libhttp-date-perl
libhttp-message-perl libhunspell-1.3-0 libhyphen0 libibus-1.0-5 libical1a
libice-dev libice6 libido3-0.1-0 libiec61883-0 libimobiledevice6
libinput-bin libinput10 libio-html-perl libio-pty-perl
libio-socket-inet6-perl libio-socket-ssl-perl libio-string-perl
libipc-run-perl libipc-system-simple-perl libjack-jackd2-0 libjansson4
libjavascriptcoregtk-4.0-18 libldb1 liblightdm-gobject-1-0
liblist-moreutils-perl liblwp-mediatypes-perl libmailtools-perl
libmbim-glib4 libmbim-proxy libmm-glib0 libmtdev1 libmtp-common
libmtp-runtime libmtp9 libnautilus-extension1a libndp0 libnet-dns-perl
libnet-domain-tld-perl libnet-ip-perl libnet-libidn-perl
libnet-smtp-ssl-perl libnet-ssleay-perl libnih-dbus1 libnl-3-200
libnl-genl-3-200 libnm-glib4 libnm-gtk-common libnm-gtk0 libnm-util2 libnm0
libnma-common libnma0 libnotify4 libnss-mdns liboauth0 libogg0 libopus0
liborc-0.4-0 libp11-kit-gnome-keyring libpackagekit-glib2-16
libpam-gnome-keyring libpanel-applet0 libpangoxft-1.0-0
libparse-debianchangelog-perl libpcre16-3 libperlio-gzip-perl libplist3
libpthread-stubs0-dev libpulse-mainloop-glib0 libpulse0 libpulsedsp
libpwquality-common libpwquality1 libqmi-glib5 libqmi-proxy libqt5core5a
libqt5dbus5 libqt5gui5 libqt5network5 libqt5opengl5 libqt5printsupport5
libqt5qml5 libqt5quick5 libqt5sql5 libqt5sql5-sqlite libqt5svg5
libqt5webkit5 libqt5widgets5 libqt5xml5 libraw1394-11 libsamplerate0
libsecret-1-0 libsecret-common libshout3 libsignon-extension1
libsignon-glib1 libsignon-plugins-common1 libsignon-qt5-1 libsm-dev libsm6
libsmbclient libsndfile1 libsocket6-perl libspeex1 libspeexdsp1
libsub-name-perl libtag1v5 libtag1v5-vanilla libtalloc2 libtdb1 libtevent0
libtext-levenshtein-perl libtheora0 libtimedate-perl libtimezonemap-data
libtimezonemap1 libudisks2-0 libunistring0 libunity-control-center1
libunity-settings-daemon1 libupower-glib3 liburi-perl liburl-dispatcher1
libusbmuxd4 libv4l-0 libv4lconvert0 libvdpau1 libvisual-0.4-0 libvorbis0a
libvorbisenc2 libvorbisfile3 libwacom-bin libwacom-common libwacom2
libwavpack1 libwbclient0 libwebkit2gtk-4.0-37 libwebkit2gtk-4.0-37-gtk2
libwebpdemux1 libwebrtc-audio-processing-0 libx11-dev libx11-doc
libx11-xcb-dev libxau-dev libxaw7 libxcb-dri2-0-dev libxcb-dri3-dev
libxcb-glx0 libxcb-glx0-dev libxcb-icccm4 libxcb-image0 libxcb-keysyms1
libxcb-present-dev libxcb-randr0 libxcb-randr0-dev libxcb-render-util0
libxcb-render0-dev libxcb-shape0 libxcb-shape0-dev libxcb-sync-dev
libxcb-util1 libxcb-xfixes0-dev libxcb-xkb1 libxcb1-dev libxdamage-dev
libxdmcp-dev libxext-dev libxfixes-dev libxfont1 libxft2 libxi-dev
libxkbcommon-x11-0 libxkbfile1 libxklavier16 libxmu-dev libxmu-headers
libxmu6 libxnvctrl0 libxshmfence-dev libxt-dev libxt6 libxv1 libxxf86dga1
libxxf86vm-dev libxxf86vm1 libyaml-libyaml-perl libyelp0 lightdm lintian
mesa-common-dev mesa-vdpau-drivers mobile-broadband-provider-info
modemmanager mountall mousetweaks nautilus-data network-manager
network-manager-gnome network-manager-pptp notification-daemon nvidia-396
nvidia-396-dev nvidia-modprobe nvidia-opencl-icd-396 nvidia-prime
nvidia-settings ocl-icd-libopencl1 openjdk-8-jre p11-kit p11-kit-modules
patchutils pinentry-gnome3 pkg-config policykit-1-gnome ppp pptp-linux
pulseaudio pulseaudio-module-x11 pulseaudio-utils python-talloc
python3-aptdaemon python3-aptdaemon.pkcompat python3-bs4 python3-cairo
python3-cups python3-cupshelpers python3-defer python3-html5lib python3-lxml
python3-xdg python3-xkit qttranslations5-l10n rtkit samba-libs
```

```
    screen-resolution-extra session-migration signon-keyring-extension
    signon-plugin-oauth2 signon-plugin-password signon-ui signon-ui-service
    signon-ui-x11 signond sound-theme-freedesktop system-config-printer-common
    system-config-printer-gnome system-config-printer-udev t1utils
    ubuntu-system-service ubuntu-touch-sounds udisks2 unity-control-center
    unity-control-center-faces unity-control-center-signon unity-greeter
    unity-settings-daemon upower upstart usb-modeswitch usb-modeswitch-data
    usbmuxd vdpau-driver-all wamerican wireless-regdb wpasupplicant x11-utils
    x11-xkb-utils x11proto-core-dev x11proto-damage-dev x11proto-dri2-dev
    x11proto-fixes-dev x11proto-gl-dev x11proto-input-dev x11proto-kb-dev
    x11proto-xext-dev x11proto-xf86vidmode-dev xfonts-base xfonts-encodings
    xfonts-utils xorg-sgml-doctools xserver-common xserver-xorg
    xserver-xorg-core xserver-xorg-input-all xserver-xorg-input-evdev
    xserver-xorg-input-synaptics xserver-xorg-input-vmmouse
    xserver-xorg-input-wacom xserver-xorg-legacy xtrans-dev yelp yelp-xsl
  Suggested packages:
    aspell-doc spellutils avahi-autoipd bumblebee default-java-plugin evolution
    evolution-data-server-dbg gettext-doc autopoint apache2-bin
    libapache2-mod-dnssd samba-common hunspell openoffice.org-hunspell
    | openoffice.org-core ibus-clutter ibus-doc ibus-qt4 click powerd
    unity-system-compositor zenity unity-greeter-session-broadcast alsa-utils
    libgssapi-perl libcanberra-gtk0 libgles2-mesa | libgles2 libdv-bin
    oss-compat libenchant-voikko fcitx libfftw3-bin libfftw3-dev
    libvisual-0.4-plugins gstreamer1.0-tools libdata-dump-perl libice-doc
    libusbmuxd-tools jackd2 avahi-autoipd | zeroconf opus-tools
    libhtml-template-perl libxml-simple-perl libqt5libqgtk2
    qt5-image-formats-plugins qtwayland5 libraw1394-doc libsm-doc speex
    libwww-perl url-dispatcher libxcb-doc libxext-doc libxt-doc bindfs
    binutils-multiarch libtext-template-perl nautilus
    network-manager-openconnect-gnome network-manager-openvpn-gnome
    network-manager-vpnc-gnome network-manager-pptp-gnome icedtea-8-plugin
    pinentry-doc pavumeter pavucontrol paman paprefs python3-genshi
    python3-lxml-dbg python-lxml-doc python3-smbc reiserfsprogs exfat-utils
    libcanberra-gtk-module x11-xserver-utils lightdm-remote-session-freerdp
    lightdm-remote-session-uccsconfigure remote-login-service metacity
    | x-window-manager graphviz upstart-monitor comgt wvdial libvdpau-va-gl1
    nvidia-vdpau-driver nvidia-legacy-340xx-vdpau-driver wpagui
    libengine-pkcs11-openssl mesa-utils xfonts-100dpi | xfonts-75dpi
    xfonts-scalable gpointing-device-settings touchfreeze xinput
  The following NEW packages will be installed:
    apg aptdaemon aspell aspell-en avahi-daemon avahi-utils bbswitch-dkms bluez
    bluez-obexd cheese-common cracklib-runtime crda cuda cuda-9-2
    cuda-command-line-tools-9-2 cuda-compiler-9-2 cuda-cublas-9-2
    cuda-cublas-dev-9-2 cuda-cudart-9-2 cuda-cudart-dev-9-2 cuda-cufft-9-2
    cuda-cufft-dev-9-2 cuda-cuobjdump-9-2 cuda-cupti-9-2 cuda-curand-9-2
    cuda-curand-dev-9-2 cuda-cusolver-9-2 cuda-cusolver-dev-9-2
    cuda-cusparse-9-2 cuda-cusparse-dev-9-2 cuda-demo-suite-9-2
    cuda-documentation-9-2 cuda-driver-dev-9-2 cuda-drivers cuda-gdb-9-2
    cuda-gpu-library-advisor-9-2 cuda-libraries-9-2 cuda-libraries-dev-9-2
    cuda-license-9-2 cuda-memcheck-9-2 cuda-misc-headers-9-2 cuda-npp-9-2
    cuda-npp-dev-9-2 cuda-nsight-9-2 cuda-nvcc-9-2 cuda-nvdisasm-9-2
    cuda-nvgraph-9-2 cuda-nvgraph-dev-9-2 cuda-nvml-dev-9-2 cuda-nvprof-9-2
```

```
cuda-nvprune-9-2 cuda-nvrtc-9-2 cuda-nvrtc-dev-9-2 cuda-nvtx-9-2
cuda-nvvp-9-2 cuda-runtime-9-2 cuda-samples-9-2 cuda-toolkit-9-2
cuda-tools-9-2 cuda-visual-tools-9-2 cups-pk-helper dbus-x11 dconf-cli
default-jre desktop-file-utils dictionaries-common diffstat emacsen-common
enchant evolution-data-server evolution-data-server-common
evolution-data-server-online-accounts fonts-dejavu-extra freeglut3
freeglut3-dev gcr geoclue geoclue-ubuntu-geoip gettext gir1.2-atk-1.0
gir1.2-freedesktop gir1.2-gdkpixbuf-2.0 gir1.2-gnomekeyring-1.0
gir1.2-gtk-3.0 gir1.2-ibus-1.0 gir1.2-notify-0.7 gir1.2-packagekitglib-1.0
gir1.2-pango-1.0 gkbd-capplet gnome-bluetooth gnome-desktop3-data
gnome-keyring gnome-menus gnome-power-manager gnome-screensaver
gnome-session-bin gnome-settings-daemon-schemas gnome-user-guide
gnome-user-share gsettings-ubuntu-schemas gstreamer1.0-clutter-3.0
gstreamer1.0-plugins-base gstreamer1.0-plugins-good gstreamer1.0-x gvfs
gvfs-backends gvfs-common gvfs-daemons gvfs-libs hardening-includes
hunspell-en-us hwdata ibus ibus-gtk ibus-gtk3 im-config indicator-applet
indicator-bluetooth indicator-datetime indicator-keyboard indicator-messages
indicator-power indicator-session indicator-sound intltool-debian ippusbxd
iputils-arping iw lib32gcc1 libaa1 libaccount-plugin-1.0-0
libaccount-plugin-generic-oauth libaccount-plugin-google libaccounts-glib0
libaccounts-qt5-1 libapt-pkg-perl libarchive-zip-perl libasound2
libasound2-data libasound2-plugins libaspell15 libasprintf-dev libassuan0
libasyncns0 libatasmart4 libauthen-sasl-perl libavahi-core7 libavahi-glib1
libavc1394-0 libbluetooth3 libc6-i386 libcaca0 libcamel-1.2-54
libcanberra-gtk3-0 libcanberra-gtk3-module libcanberra-pulse libcanberra0
libcdio-cdda1 libcdio-paranoia1 libcdio13 libcdparanoia0 libcgi-fast-perl
libcgi-pm-perl libcgmanager0 libcheese-gtk25 libcheese8
libclass-accessor-perl libclone-perl libclutter-1.0-0 libclutter-1.0-common
libclutter-gst-3.0-0 libclutter-gtk-1.0-0 libcogl-common libcogl-pango20
libcogl-path20 libcogl20 libcrack2 libcuda1-396 libdaemon0
libdata-alias-perl libdigest-hmac-perl libdouble-conversion1v5 libdrm-dev
libdv4 libebackend-1.2-10 libebook-1.2-16 libebook-contacts-1.2-2
libecal-1.2-19 libedata-book-1.2-25 libedata-cal-1.2-28
libedataserver-1.2-21 libemail-valid-perl libenchant1c2a
libencode-locale-perl libevdev2 libexporter-tiny-perl libfcgi-perl
libfcitx-config4 libfcitx-gclient0 libfcitx-utils0 libfftw3-single3
libfile-basedir-perl libflac8 libfontenc1 libgck-1-0 libgcr-3-common
libgcr-base-3-1 libgcr-ui-3-1 libgdata-common libgdata22 libgee-0.8-2
libgeoclue0 libgeocode-glib0 libgeonames0 libgettextpo-dev libgettextpo0
libgif7 libgl1-mesa-dev libgl1-mesa-glx libglib2.0-bin libglu1-mesa
libglu1-mesa-dev libgnome-bluetooth13 libgnome-desktop-3-12
libgnome-menu-3-0 libgnomekbd-common libgnomekbd8 libgoa-1.0-0b
libgoa-1.0-common libgstreamer-plugins-base1.0-0
libgstreamer-plugins-good1.0-0 libgstreamer1.0-0 libgtop-2.0-10
libgtop2-common libgweather-3-6 libgweather-common libharfbuzz-icu0
libhtml-parser-perl libhtml-tagset-perl libhttp-date-perl
libhttp-message-perl libhunspell-1.3-0 libhyphen0 libibus-1.0-5 libical1a
libice-dev libice6 libido3-0.1-0 libiec61883-0 libimobiledevice6
libinput-bin libinput10 libio-html-perl libio-pty-perl
libio-socket-inet6-perl libio-socket-ssl-perl libio-string-perl
libipc-run-perl libipc-system-simple-perl libjack-jackd2-0 libjansson4
libjavascriptcoregtk-4.0-18 libldb1 liblightdm-gobject-1-0
```

liblist-moreutils-perl liblwp-mediatypes-perl libmailtools-perl
libmbim-glib4 libmbim-proxy libmm-glib0 libmtdev1 libmtp-common
libmtp-runtime libmtp9 libnautilus-extension1a libndp0 libnet-dns-perl
libnet-domain-tld-perl libnet-ip-perl libnet-libidn-perl
libnet-smtp-ssl-perl libnet-ssleay-perl libnih-dbus1 libnl-3-200
libnl-genl-3-200 libnm-glib4 libnm-gtk-common libnm-gtk0 libnm-util2 libnm0
libnma-common libnma0 libnotify4 libnss-mdns liboauth0 libogg0 libopus0
liborc-0.4-0 libp11-kit-gnome-keyring libpackagekit-glib2-16
libpam-gnome-keyring libpanel-applet0 libpangoxft-1.0-0
libparse-debianchangelog-perl libpcre16-3 libperlio-gzip-perl libplist3
libpthread-stubs0-dev libpulse-mainloop-glib0 libpulse0 libpulsedsp
libpwquality-common libpwquality1 libqmi-glib5 libqmi-proxy libqt5core5a
libqt5dbus5 libqt5gui5 libqt5network5 libqt5opengl5 libqt5printsupport5
libqt5qml5 libqt5quick5 libqt5sql5 libqt5sql5-sqlite libqt5svg5
libqt5webkit5 libqt5widgets5 libqt5xml5 libraw1394-11 libsamplerate0
libsecret-1-0 libsecret-common libshout3 libsignon-extension1
libsignon-glib1 libsignon-plugins-common1 libsignon-qt5-1 libsm-dev libsm6
libsmbclient libsndfile1 libsocket6-perl libspeex1 libspeexdsp1
libsub-name-perl libtag1v5 libtag1v5-vanilla libtalloc2 libtdb1 libtevent0
libtext-levenshtein-perl libtheora0 libtimedate-perl libtimezonemap-data
libtimezonemap1 libudisks2-0 libunistring0 libunity-control-center1
libunity-settings-daemon1 libupower-glib3 liburi-perl liburl-dispatcher1
libusbmuxd4 libv4l-0 libv4lconvert0 libvdpau1 libvisual-0.4-0 libvorbis0a
libvorbisenc2 libvorbisfile3 libwacom-bin libwacom-common libwacom2
libwavpack1 libwbclient0 libwebkit2gtk-4.0-37 libwebkit2gtk-4.0-37-gtk2
libwebpdemux1 libwebrtc-audio-processing-0 libx11-dev libx11-doc
libx11-xcb-dev libxau-dev libxaw7 libxcb-dri2-0-dev libxcb-dri3-dev
libxcb-glx0 libxcb-glx0-dev libxcb-icccm4 libxcb-image0 libxcb-keysyms1
libxcb-present-dev libxcb-randr0 libxcb-randr0-dev libxcb-render-util0
libxcb-render0-dev libxcb-shape0 libxcb-shape0-dev libxcb-sync-dev
libxcb-util1 libxcb-xfixes0-dev libxcb-xkb1 libxcb1-dev libxdamage-dev
libxdmcp-dev libxext-dev libxfixes-dev libxfont1 libxft2 libxi-dev
libxkbcommon-x11-0 libxkbfile1 libxklavier16 libxmu-dev libxmu-headers
libxmu6 libxnvctrl0 libxshmfence-dev libxt-dev libxt6 libxv1 libxxf86dga1
libxxf86vm-dev libxxf86vm1 libyaml-libyaml-perl libyelp0 lightdm lintian
mesa-common-dev mesa-vdpau-drivers mobile-broadband-provider-info
modemmanager mountall mousetweaks nautilus-data network-manager
network-manager-gnome network-manager-pptp notification-daemon nvidia-396
nvidia-396-dev nvidia-modprobe nvidia-opencl-icd-396 nvidia-prime
nvidia-settings ocl-icd-libopencl1 openjdk-8-jre p11-kit p11-kit-modules
patchutils pinentry-gnome3 pkg-config policykit-1-gnome ppp pptp-linux
pulseaudio pulseaudio-module-x11 pulseaudio-utils python-talloc
python3-aptdaemon python3-aptdaemon.pkcompat python3-bs4 python3-cairo
python3-cups python3-cupshelpers python3-defer python3-html5lib python3-lxml
python3-xdg python3-xkit qttranslations5-l10n rtkit samba-libs
screen-resolution-extra session-migration signon-keyring-extension
signon-plugin-oauth2 signon-plugin-password signon-ui signon-ui-service
signon-ui-x11 signond sound-theme-freedesktop system-config-printer-common
system-config-printer-gnome system-config-printer-udev t1utils
ubuntu-system-service ubuntu-touch-sounds udisks2 unity-control-center
unity-control-center-faces unity-control-center-signon unity-greeter
unity-settings-daemon upower upstart usb-modeswitch usb-modeswitch-data

```
  usbmuxd vdpau-driver-all wamerican wireless-regdb wpasupplicant x11-utils
  x11-xkb-utils x11proto-core-dev x11proto-damage-dev x11proto-dri2-dev
  x11proto-fixes-dev x11proto-gl-dev x11proto-input-dev x11proto-kb-dev
  x11proto-xext-dev x11proto-xf86vidmode-dev xfonts-base xfonts-encodings
  xfonts-utils xorg-sgml-doctools xserver-common xserver-xorg
  xserver-xorg-core xserver-xorg-input-all xserver-xorg-input-evdev
  xserver-xorg-input-synaptics xserver-xorg-input-vmmouse
  xserver-xorg-input-wacom xserver-xorg-legacy xtrans-dev yelp yelp-xsl
0 upgraded, 532 newly installed, 0 to remove and 0 not upgraded.
Need to get 129 MB/1,361 MB of archives.
After this operation, 3,596 MB of additional disk space will be used.
Do you want to continue? [Y/n] Y
Get:1 file:/var/cuda-repo-9-2-local  cuda-license-9-2 9.2.88-1 [22.0 kB]
Get:2 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-gl
x0 amd64 1.11.1-1ubuntu1 [20.9 kB]
Get:3 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxxf86v
m1 amd64 1:1.1.4-1 [10.6 kB]
Get:4 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 l
ibgl1-mesa-glx amd64 17.2.8-0ubuntu0~16.04.1 [130 kB]
Get:5 file:/var/cuda-repo-9-2-local  cuda-misc-headers-9-2 9.2.88-1 [640 kB]
Get:6 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/universe amd64 freeg
lut3 amd64 2.8.1-2 [73.4 kB]
Get:7 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgck-1-
0 amd64 3.18.0-1ubuntu1 [77.1 kB]
Get:8 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgcr-3-
common all 3.18.0-1ubuntu1 [8,942 B]
Get:9 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgcr-ba
se-3-1 amd64 3.18.0-1ubuntu1 [185 kB]
Get:10 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgcr-u
i-3-1 amd64 3.18.0-1ubuntu1 [141 kB]
Get:11 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
dbus-x11 amd64 1.10.6-1ubuntu3.3 [21.4 kB]
Get:12 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 gcr amd6
4 3.18.0-1ubuntu1 [48.3 kB]
Get:13 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
p11-kit-modules amd64 0.23.2-5~ubuntu16.04.1 [73.9 kB]
Get:14 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
p11-kit amd64 0.23.2-5~ubuntu16.04.1 [75.0 kB]
Get:15 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libassua
n0 amd64 2.4.2-2 [34.6 kB]
Get:16 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libsecre
t-common all 0.18.4-1ubuntu2 [4,506 B]
Get:17 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libsecre
t-1-0 amd64 0.18.4-1ubuntu2 [93.3 kB]
Get:18 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 pinentry
-gnome3 amd64 0.9.7-3 [32.3 kB]
Get:19 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 gnome-ke
yring amd64 3.18.3-0ubuntu2 [585 kB]
Get:20 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libasync
ns0 amd64 0.8-5build1 [12.3 kB]
Get:21 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libatasm
art4 amd64 0.19-3 [27.1 kB]
```

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Get:22 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libcdpar
anoia0 amd64 3.10.2+debian-11 [53.1 kB]
Get:23 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libdaemo
n0 amd64 0.14-6 [16.6 kB]
Get:24 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libfftw3
-single3 amd64 3.3.4-2ubuntu1 [749 kB]
Get:25 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgeocl
ue0 amd64 0.12.99-4ubuntu1 [28.0 kB]
Get:26 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libice6
amd64 2:1.0.9-1 [39.2 kB]
Get:27 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libraw13
94-11 amd64 2.1.1-2 [30.6 kB]
Get:28 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libiec61
883-0 amd64 1.2.0-0.2 [23.6 kB]
Get:29 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libmtdev
1 amd64 1.1.5-1ubuntu2 [13.8 kB]
Get:30 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libmtp-c
ommon all 1.1.10-2ubuntu1 [37.9 kB]
Get:31 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libmtp9
amd64 1.1.10-2ubuntu1 [144 kB]
Get:32 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libnotif
y4 amd64 0.7.6-2svn1 [17.2 kB]
Get:33 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libogg0
amd64 1.3.2-1 [17.2 kB]
Get:34 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libp11-k
it-gnome-keyring amd64 3.18.3-0ubuntu2 [41.6 kB]
Get:35 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libpam-g
nome-keyring amd64 3.18.3-0ubuntu2 [36.5 kB]
Get:36 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libpcre1
6-3 amd64 2:8.38-3.1 [144 kB]
Get:37 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libqt5core5a amd64 5.5.1+dfsg-16ubuntu7.5 [1,817 kB]
Get:38 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 libevdev
2 amd64 1.4.6+dfsg-1 [28.0 kB]
Get:39 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libwacom-common all 0.22-1~ubuntu16.04.1 [32.0 kB]
Get:40 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libwacom2 amd64 0.22-1~ubuntu16.04.1 [17.3 kB]
Get:41 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libinput-bin amd64 1.6.3-1ubuntu1~16.04.1 [9,040 B]
Get:42 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libinput10 amd64 1.6.3-1ubuntu1~16.04.1 [74.0 kB]
Get:43 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libqt5dbus5 amd64 5.5.1+dfsg-16ubuntu7.5 [175 kB]
Get:44 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libqt5network5 amd64 5.5.1+dfsg-16ubuntu7.5 [540 kB]
Get:45 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libsm6 a
md64 2:1.2.2-1 [15.8 kB]
Get:46 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-i
cccm4 amd64 0.4.1-1ubuntu1 [10.4 kB]
Get:47 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-u
til1 amd64 0.4.0-0ubuntu3 [11.2 kB]
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Get:48 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-i
mage0 amd64 0.4.0-1build1 [12.3 kB]
Get:49 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-k
eysyms1 amd64 0.4.0-1 [8,406 B]
Get:50 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-r
andr0 amd64 1.11.1-1ubuntu1 [14.4 kB]
Get:51 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-r
ender-util0 amd64 0.3.9-1 [9,638 B]
Get:52 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-s
hape0 amd64 1.11.1-1ubuntu1 [5,756 B]
Get:53 file:/var/cuda-repo-9-2-local  cuda-nvcc-9-2 9.2.88-1 [15.4 MB]
Get:54 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-x
kb1 amd64 1.11.1-1ubuntu1 [29.2 kB]
Get:55 file:/var/cuda-repo-9-2-local  cuda-cuobjdump-9-2 9.2.88-1 [129 kB]
Get:56 file:/var/cuda-repo-9-2-local  cuda-nvprune-9-2 9.2.88-1 [36.7 kB]
Get:57 file:/var/cuda-repo-9-2-local  cuda-compiler-9-2 9.2.88-1 [2,518 B]
Get:58 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxkbco
mmon-x11-0 amd64 0.5.0-1ubuntu2 [13.5 kB]
Get:59 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libqt5gui5 amd64 5.5.1+dfsg-16ubuntu7.5 [2,290 kB]
Get:60 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libqt5widgets5 amd64 5.5.1+dfsg-16ubuntu7.5 [2,252 kB]
Get:61 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libqt5sv
g5 amd64 5.5.1-2build1 [128 kB]
Get:62 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libqt5sv
libgstreamer1.0-0 amd64 1.8.3-1~ubuntu0.1 [769 kB]
Get:63 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 liborc-0
.4-0 amd64 1:0.4.25-1 [138 kB]
Get:64 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libgstreamer-plugins-base1.0-0 amd64 1.8.3-1ubuntu0.2 [593 kB]
Get:65 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libqt5opengl5 amd64 5.5.1+dfsg-16ubuntu7.5 [128 kB]
Get:66 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libqt5printsupport5 amd64 5.5.1+dfsg-16ubuntu7.5 [174 kB]
Get:67 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libdoubl
e-conversion1v5 amd64 2.0.1-3ubuntu2 [33.3 kB]
Get:68 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libqt5qm
l5 amd64 5.5.1-2ubuntu6 [1,249 kB]
Get:69 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libqt5qu
ick5 amd64 5.5.1-2ubuntu6 [1,060 kB]
Get:70 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libqt5sql5 amd64 5.5.1+dfsg-16ubuntu7.5 [104 kB]
Get:71 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libqt5we
bkit5 amd64 5.5.1+dfsg-2ubuntu1 [9,100 kB]
Get:72 file:/var/cuda-repo-9-2-local  cuda-nvdisasm-9-2 9.2.88-1 [17.4 MB]
Get:73 file:/var/cuda-repo-9-2-local  cuda-gdb-9-2 9.2.88-1 [2,765 kB]
Get:74 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libsampl
erate0 amd64 0.1.8-8 [937 kB]
Get:75 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libspeex
1 amd64 1.2~rc1.2-1ubuntu1 [51.3 kB]
Get:76 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libtheor
a0 amd64 1.1.1+dfsg.1-8 [163 kB]
```

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Get:77 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libvorbis0a amd64 1.3.5-3ubuntu0.2 [86.0 kB]
Get:78 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libshout
3 amd64 2.3.1-3 [38.1 kB]
Get:79 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libsigno
n-glib1 amd64 1.13+16.04.20151209.1-0ubuntu1 [33.6 kB]
Get:80 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libunist
ring0 amd64 0.9.3-5.2ubuntu1 [279 kB]
Get:81 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libwbclient0 amd64 2:4.3.11+dfsg-0ubuntu0.16.04.13 [30.4 kB]
Get:82 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxft2
amd64 2.3.2-1 [36.1 kB]
Get:83 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxv1 a
md64 2:1.0.10-1 [10.3 kB]
Get:84 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxxf86
dga1 amd64 2:1.1.4-1 [13.7 kB]
Get:85 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libglib2.0-bin amd64 2.48.2-0ubuntu1 [39.4 kB]
Get:86 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
lightdm amd64 1.18.3-0ubuntu1.1 [118 kB]
Get:87 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libnih-d
bus1 amd64 1.0.3-4.3ubuntu1 [14.1 kB]
Get:88 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 mountall
 amd64 2.54ubuntu1 [56.8 kB]
Get:89 file:/var/cuda-repo-9-2-local  cuda-nvprof-9-2 9.2.88-1 [4,737 kB]
Get:90 file:/var/cuda-repo-9-2-local  cuda-memcheck-9-2 9.2.88-1 [137 kB]
Get:91 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libtallo
c2 amd64 2.1.5-2 [34.0 kB]
Get:92 file:/var/cuda-repo-9-2-local  cuda-cudart-9-2 9.2.88-1 [97.8 kB]
Get:93 file:/var/cuda-repo-9-2-local  cuda-driver-dev-9-2 9.2.88-1 [11.1 kB]
Get:94 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libtevent0 amd64 0.9.28-0ubuntu0.16.04.1 [26.1 kB]
Get:95 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libtdb1
amd64 1.3.8-2 [38.2 kB]
Get:96 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libldb1
amd64 2:1.1.24-1ubuntu3 [108 kB]
Get:97 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python-t
alloc amd64 2.1.5-2 [7,506 B]
Get:98 file:/var/cuda-repo-9-2-local  cuda-cudart-dev-9-2 9.2.88-1 [718 kB]
Get:99 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
samba-libs amd64 2:4.3.11+dfsg-0ubuntu0.16.04.13 [5,166 kB]
Get:100 file:/var/cuda-repo-9-2-local  cuda-cupti-9-2 9.2.88-1 [1,537 kB]
Get:101 file:/var/cuda-repo-9-2-local  cuda-gpu-library-advisor-9-2 9.2.88-1 [1,
002 kB]
Get:102 file:/var/cuda-repo-9-2-local  cuda-nvtx-9-2 9.2.88-1 [24.3 kB]
Get:103 file:/var/cuda-repo-9-2-local  cuda-command-line-tools-9-2 9.2.88-1 [26.
3 kB]
Get:104 file:/var/cuda-repo-9-2-local  cuda-nsight-9-2 9.2.88-1 [2,580 B]
Get:105 file:/var/cuda-repo-9-2-local  cuda-nvvp-9-2 9.2.88-1 [2,528 B]
Get:106 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libsmbclient amd64 2:4.3.11+dfsg-0ubuntu0.16.04.13 [53.3 kB]
Get:107 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 apg amd
```

64 2.2.3.dfsg.1-2ubuntu1 [48.3 kB]
Get:108 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libaspe
ll15 amd64 0.60.7~20110707-3build1 [317 kB]
Get:109 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 emacsen
-common all 2.0.8 [17.6 kB]
Get:110 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 diction
aries-common all 1.26.3 [185 kB]
Get:111 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 aspell
amd64 0.60.7~20110707-3build1 [74.0 kB]
Get:112 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 aspell-
en all 7.1-0-1.1 [265 kB]
Get:113 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libavahi-core7 amd64 0.6.32~rc+dfsg-1ubuntu2.2 [81.5 kB]
Get:114 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 avahi-daemon amd64 0.6.32~rc+dfsg-1ubuntu2.2 [59.5 kB]
Get:115 file:/var/cuda-repo-9-2-local cuda-nvrtc-9-2 9.2.88-1 [5,908 kB]
Get:116 file:/var/cuda-repo-9-2-local cuda-nvrtc-dev-9-2 9.2.88-1 [9,318 B]
Get:117 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 avahi-utils amd64 0.6.32~rc+dfsg-1ubuntu2.2 [24.3 kB]
Get:118 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 bluez amd64 5.37-0ubuntu5.1 [899 kB]
Get:119 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libcame
l-1.2-54 amd64 3.18.5-1ubuntu1 [474 kB]
Get:120 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 evoluti
on-data-server-common all 3.18.5-1ubuntu1 [125 kB]
Get:121 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libedat
aserver-1.2-21 amd64 3.18.5-1ubuntu1 [225 kB]
Get:122 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libeboo
k-contacts-1.2-2 amd64 3.18.5-1ubuntu1 [47.8 kB]
Get:123 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libebac
kend-1.2-10 amd64 3.18.5-1ubuntu1 [124 kB]
Get:124 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libedat
a-book-1.2-25 amd64 3.18.5-1ubuntu1 [177 kB]
Get:125 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libeboo
k-1.2-16 amd64 3.18.5-1ubuntu1 [115 kB]
Get:126 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 bluez-obexd amd64 5.37-0ubuntu5.1 [164 kB]
Get:127 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 cheese-
common all 3.18.1-2ubuntu3 [774 kB]
Get:128 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libcrack2 amd64 2.9.2-1ubuntu1 [28.2 kB]
Get:129 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 cracklib-runtime amd64 2.9.2-1ubuntu1 [134 kB]
Get:130 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libnl-3-200 amd64 3.2.27-1ubuntu0.16.04.1 [52.2 kB]
Get:131 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libnl-genl-3-200 amd64 3.2.27-1ubuntu0.16.04.1 [11.2 kB]
Get:132 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 wireles
s-regdb all 2015.07.20-1ubuntu1 [9,058 B]
Get:133 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 iw amd6
4 3.17-1 [63.5 kB]
Get:134 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 crda am

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d64 3.13-1 [60.5 kB]
Get:135 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libasou
nd2-data all 1.1.0-0ubuntu1 [29.4 kB]
Get:136 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libasou
nd2 amd64 1.1.0-0ubuntu1 [350 kB]
Get:137 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libgif7 amd64 5.1.4-0.3~16.04 [30.5 kB]
Get:138 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libflac
8 amd64 1.3.1-4 [210 kB]
Get:139 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libvorbisenc2 amd64 1.3.5-3ubuntu0.2 [70.6 kB]
Get:140 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libsndfile1 amd64 1.0.25-10ubuntu0.16.04.1 [138 kB]
Get:141 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libpulse0 amd64 1:8.0-0ubuntu3.10 [249 kB]
Get:142 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 openjdk-8-jre amd64 8u171-b11-0ubuntu0.16.04.1 [69.4 kB]
Get:143 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 default
-jre amd64 2:1.8-56ubuntu2 [980 B]
Get:144 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 xorg-sg
ml-doctools all 1:1.11-1 [12.9 kB]
Get:145 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 x11proto-core-dev all 7.0.31-1~ubuntu16.04.2 [254 kB]
Get:146 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxau-
dev amd64 1:1.0.8-1 [11.1 kB]
Get:147 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxdmc
p-dev amd64 1:1.1.2-1.1 [25.1 kB]
Get:148 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 x11prot
o-input-dev all 2.3.1-1 [118 kB]
Get:149 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 x11prot
o-kb-dev all 1.0.7-0ubuntu1 [224 kB]
Get:150 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 xtrans-
dev all 1.3.5-1 [70.5 kB]
Get:151 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libpthr
ead-stubs0-dev amd64 0.3-4 [4,068 B]
Get:152 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb1
-dev amd64 1.11.1-1ubuntu1 [74.2 kB]
Get:153 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libx11-
dev amd64 2:1.6.3-1ubuntu2 [642 kB]
Get:154 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libdrm-dev amd64 2.4.83-1~16.04.1 [229 kB]
Get:155 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 mesa-common-dev amd64 17.2.8-0ubuntu0~16.04.1 [525 kB]
Get:156 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libx11-
xcb-dev amd64 2:1.6.3-1ubuntu2 [9,730 B]
Get:157 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-
dri3-dev amd64 1.11.1-1ubuntu1 [5,752 B]
Get:158 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-
render0-dev amd64 1.11.1-1ubuntu1 [15.3 kB]
Get:159 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-
randr0-dev amd64 1.11.1-1ubuntu1 [18.2 kB]
Get:160 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-
```

shape0-dev amd64 1.11.1-1ubuntu1 [6,900 B]
Get:161 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-xfixes0-dev amd64 1.11.1-1ubuntu1 [11.2 kB]
Get:162 file:/var/cuda-repo-9-2-local cuda-cusolver-9-2 9.2.88-1 [31.1 MB]
Get:163 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-sync-dev amd64 1.11.1-1ubuntu1 [10.1 kB]
Get:164 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-present-dev amd64 1.11.1-1ubuntu1 [6,618 B]
Get:165 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxshm fence-dev amd64 1.2-1 [3,676 B]
Get:166 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-dri2-0-dev amd64 1.11.1-1ubuntu1 [8,384 B]
Get:167 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-glx0-dev amd64 1.11.1-1ubuntu1 [26.9 kB]
Get:168 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 x11prot o-xext-dev all 7.3.0-1 [212 kB]
Get:169 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 x11prot o-fixes-dev all 1:5.0-2ubuntu2 [14.2 kB]
Get:170 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxfix es-dev amd64 1:5.0.1-2 [10.9 kB]
Get:171 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 x11prot o-damage-dev all 1:1.2.1-2 [8,286 B]
Get:172 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxdam age-dev amd64 1:1.1.4-2 [5,028 B]
Get:173 file:/var/cuda-repo-9-2-local cuda-cusolver-dev-9-2 9.2.88-1 [8,184 kB]
Get:174 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxext -dev amd64 2:1.3.3-1 [82.1 kB]
Get:175 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 x11prot o-xf86vidmode-dev all 2.3.1-2 [6,116 B]
Get:176 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxxf8 6vm-dev amd64 1:1.1.4-1 [13.3 kB]
Get:177 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 x11prot o-dri2-dev all 2.8-2 [12.6 kB]
Get:178 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 x11prot o-gl-dev all 1.4.17-1 [17.9 kB]
Get:179 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 libgl1-mesa-dev amd64 17.2.8-0ubuntu0~16.04.1 [4,456 B]
Get:180 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libglu1 -mesa amd64 9.0.0-2.1 [168 kB]
Get:181 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libglu1 -mesa-dev amd64 9.0.0-2.1 [202 kB]
Get:182 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxt6 amd64 1:1.1.5-0ubuntu1 [160 kB]
Get:183 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libice-dev amd64 2:1.0.9-1 [44.9 kB]
Get:184 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libsm-d ev amd64 2:1.2.2-1 [16.2 kB]
Get:185 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxt-d ev amd64 1:1.1.5-0ubuntu1 [394 kB]
Get:186 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/universe amd64 fre eglut3-dev amd64 2.8.1-2 [123 kB]
Get:187 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxmu6

```
   amd64 2:1.1.2-2 [46.0 kB]
Get:188 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxmu-
headers all 2:1.1.2-2 [54.3 kB]
Get:189 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxmu-
dev amd64 2:1.1.2-2 [49.0 kB]
Get:190 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxi-d
ev amd64 2:1.7.6-1 [184 kB]
Get:191 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libc6-i386 amd64 2.23-0ubuntu10 [2,336 kB]
Get:192 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 lib32gc
c1 amd64 1:6.0.1-0ubuntu1 [46.6 kB]
Get:193 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxaw7
 amd64 2:1.0.13-1 [173 kB]
Get:194 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxkbf
ile1 amd64 1:1.0.9-0ubuntu1 [65.1 kB]
Get:195 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 x11-xkb
-utils amd64 7.7+2 [153 kB]
Get:196 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 xserver-common all 2:1.18.4-0ubuntu0.7 [27.7 kB]
Get:197 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 xserver-xorg-legacy amd64 2:1.18.4-0ubuntu0.7 [35.9 kB]
Get:198 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libfont
enc1 amd64 1:1.1.3-1 [13.9 kB]
Get:199 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libxfont1 amd64 1:1.5.1-1ubuntu0.16.04.4 [95.0 kB]
Get:200 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 xserver-xorg-core amd64 2:1.18.4-0ubuntu0.7 [1,344 kB]
Get:201 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 pkg-con
fig amd64 0.29.1-0ubuntu1 [45.0 kB]
Get:202 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python3
-xkit all 0.5.0ubuntu2 [18.6 kB]
Get:203 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 policyk
it-1-gnome amd64 0.105-2ubuntu2 [24.0 kB]
Get:204 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 screen-resolution-extra all 0.17.1.1~16.04.1 [11.7 kB]
Get:205 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libvdpa
u1 amd64 1.1.1-3ubuntu1 [25.5 kB]
Get:206 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libjans
son4 amd64 2.7-3 [26.9 kB]
Get:207 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 ocl-icd
-libopencl1 amd64 2.2.8-1 [29.7 kB]
Get:208 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 dconf-c
li amd64 0.24.0-2 [23.0 kB]
Get:209 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 desktop-file-utils amd64 0.22-1ubuntu5.1 [43.8 kB]
Get:210 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 diffsta
t amd64 1.61-1 [23.6 kB]
Get:211 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 hunspel
l-en-us all 20070829-6ubuntu3 [206 kB]
Get:212 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libhuns
pell-1.3-0 amd64 1.3.3-4ubuntu1 [108 kB]
Get:213 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libench
```

ant1c2a amd64 1.6.0-10.1build2 [64.0 kB]
Get:214 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 enchant
 amd64 1.6.0-10.1build2 [11.9 kB]
Get:215 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libical
1a amd64 1.0.1-0ubuntu2 [165 kB]
Get:216 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libecal
-1.2-19 amd64 3.18.5-1ubuntu1 [159 kB]
Get:217 file:/var/cuda-repo-9-2-local cuda-cublas-9-2 9.2.88-1 [24.9 MB]
Get:218 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libedat
a-cal-1.2-28 amd64 3.18.5-1ubuntu1 [125 kB]
Get:219 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgoa-
1.0-common all 3.18.3-1ubuntu2 [13.4 kB]
Get:220 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgoa-
1.0-0b amd64 3.18.3-1ubuntu2 [68.7 kB]
Get:221 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 liboaut
h0 amd64 1.0.3-0ubuntu2 [16.1 kB]
Get:222 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgdat
a-common all 0.17.4-1 [22.1 kB]
Get:223 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgdat
a22 amd64 0.17.4-1 [256 kB]
Get:224 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgeoc
ode-glib0 amd64 3.18.2-1 [33.2 kB]
Get:225 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libgweather-common all 3.18.2-0ubuntu0.2 [158 kB]
Get:226 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libgweather-3-6 amd64 3.18.2-0ubuntu0.2 [63.4 kB]
Get:227 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 evoluti
on-data-server amd64 3.18.5-1ubuntu1 [427 kB]
Get:228 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libacco
unts-glib0 amd64 1.21+16.04.20160222-0ubuntu1 [40.9 kB]
Get:229 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 evoluti
on-data-server-online-accounts amd64 3.18.5-1ubuntu1 [33.6 kB]
Get:230 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 fonts-d
ejavu-extra all 2.35-1 [1,749 kB]
Get:231 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libnm-util2 amd64 1.2.6-0ubuntu0.16.04.2 [126 kB]
Get:232 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libnm-glib4 amd64 1.2.6-0ubuntu0.16.04.2 [84.2 kB]
Get:233 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 geoclue
 amd64 0.12.99-4ubuntu1 [19.7 kB]
Get:234 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 geoclue
-ubuntu-geoip amd64 1.0.2+14.04.20131125-0ubuntu2 [11.2 kB]
Get:235 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 gettext
 amd64 0.19.7-2ubuntu3 [1,076 kB]
Get:236 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 gir1.2-
atk-1.0 amd64 2.18.0-1 [17.6 kB]
Get:237 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 gir1.2-
freedesktop amd64 1.46.0-3ubuntu1 [5,742 B]
Get:238 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 gir1.2-gdkpixbuf-2.0 amd64 2.32.2-1ubuntu1.4 [8,090 B]
Get:239 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 gir1.2-
gnomekeyring-1.0 amd64 3.12.0-1build1 [5,946 B]

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Get:240 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libpang
oxft-1.0-0 amd64 1.38.1-1 [15.1 kB]
Get:241 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 gir1.2-
pango-1.0 amd64 1.38.1-1 [21.0 kB]
Get:242 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 gir1.2-gtk-3.0 amd64 3.18.9-1ubuntu3.3 [188 kB]
Get:243 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libibus-1.0-5 amd64 1.5.11-1ubuntu2.1 [125 kB]
Get:244 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 gir1.2-ibus-1.0 amd64 1.5.11-1ubuntu2.1 [66.0 kB]
Get:245 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 gir1.2-
notify-0.7 amd64 0.7.6-2svn1 [3,530 B]
Get:246 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libpackagekit-glib2-16 amd64 0.8.17-4ubuntu6~gcc5.4ubuntu1.2 [101 kB]
Get:247 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 gir1.2-packagekitglib-1.0 amd64 0.8.17-4ubuntu6~gcc5.4ubuntu1.2 [26.7 kB]
Get:248 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgnom
ekbd-common all 3.6.0-1ubuntu2 [8,162 B]
Get:249 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxkla
vier16 amd64 5.4-0ubuntu2 [42.6 kB]
Get:250 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgnom
ekbd8 amd64 3.6.0-1ubuntu2 [44.4 kB]
Get:251 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 gkbd-ca
pplet amd64 3.6.0-1ubuntu2 [4,888 B]
Get:252 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libvorbisfile3 amd64 1.3.5-3ubuntu0.2 [15.9 kB]
Get:253 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 sound-t
heme-freedesktop all 0.8-1 [385 kB]
Get:254 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libcanb
erra0 amd64 0.30-2.1ubuntu1 [37.4 kB]
Get:255 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libcanb
erra-gtk3-0 amd64 0.30-2.1ubuntu1 [7,766 B]
Get:256 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgnom
e-bluetooth13 amd64 3.18.2-1ubuntu2 [85.2 kB]
Get:257 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 gnome-b
luetooth amd64 3.18.2-1ubuntu2 [42.6 kB]
Get:258 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 gnome-d
esktop3-data all 3.18.2-1ubuntu1 [51.4 kB]
Get:259 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 gnome-menus amd64 3.13.3-6ubuntu3.1 [23.4 kB]
Get:260 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libupower-glib3 amd64 0.99.4-2ubuntu0.3 [41.8 kB]
Get:261 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libplist3 amd64 1.12-3.1ubuntu0.16.04.1 [25.6 kB]
Get:262 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libusbmuxd4 amd64 1.0.10-2ubuntu0.1 [15.2 kB]
Get:263 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libimobiledevice6 amd64 1.2.0+dfsg-3~ubuntu0.2 [59.1 kB]
Get:264 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 upower amd64 0.99.4-2ubuntu0.3 [95.0 kB]
Get:265 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 gnome-settings-daemon-schemas all 3.18.2-0ubuntu3.1 [49.9 kB]
```

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Get:266 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 gnome-p
ower-manager amd64 3.18.0-1ubuntu1 [48.5 kB]
Get:267 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgnom
e-desktop-3-12 amd64 3.18.2-1ubuntu1 [112 kB]
Get:268 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 gnome-s
creensaver amd64 3.6.1-7ubuntu4 [87.7 kB]
Get:269 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 gnome-session-bin amd64 3.18.1.2-1ubuntu1.16.04.2 [116 kB]
Get:270 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libjavascriptcoregtk-4.0-18 amd64 2.20.2-0ubuntu0.16.04.1 [4,252 kB]
Get:271 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libharfbuzz-icu0 amd64 1.0.1-1ubuntu0.1 [5,198 B]
Get:272 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libhyph
en0 amd64 2.8.8-2ubuntu1 [18.4 kB]
Get:273 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libwebp
demux1 amd64 0.4.4-1 [7,738 B]
Get:274 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libwebkit2gtk-4.0-37 amd64 2.20.2-0ubuntu0.16.04.1 [10.5 MB]
Get:275 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libyelp
0 amd64 3.18.1-1ubuntu4 [114 kB]
Get:276 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 yelp-xs
l all 3.18.1-1 [229 kB]
Get:277 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 yelp am
d64 3.18.1-1ubuntu4 [488 kB]
Get:278 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 gnome-u
ser-guide all 3.18.1-1 [2,526 kB]
Get:279 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libnautilus-extension1a amd64 1:3.18.4.is.3.14.3-0ubuntu6 [53.7 kB]
Get:280 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 gnome-u
ser-share amd64 3.14.2-2ubuntu4 [90.9 kB]
Get:281 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 gsettin
gs-ubuntu-schemas all 0.0.5+16.04.20160307-0ubuntu1 [4,972 B]
Get:282 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libcogl
20 amd64 1.22.0-2 [284 kB]
Get:283 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libcogl
-pango20 amd64 1.22.0-2 [15.1 kB]
Get:284 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libcogl
-path20 amd64 1.22.0-2 [31.1 kB]
Get:285 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libclut
ter-1.0-0 amd64 1.24.2-1 [534 kB]
Get:286 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libclut
ter-gst-3.0-0 amd64 3.0.18-1 [54.7 kB]
Get:287 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 gstream
er1.0-clutter-3.0 amd64 3.0.18-1 [6,128 B]
Get:288 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libopus
0 amd64 1.1.2-1ubuntu1 [159 kB]
Get:289 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libvisu
al-0.4-0 amd64 0.4.0-8 [98.7 kB]
Get:290 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 gstreamer1.0-plugins-base amd64 1.8.3-1ubuntu0.2 [496 kB]
Get:291 file:/var/cuda-repo-9-2-local  cuda-cublas-dev-9-2 9.2.88-1 [49.1 MB]
Get:292 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libaa1
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amd64 1.4p5-44build1 [47.3 kB]
Get:293 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libavc1
394-0 amd64 0.5.4-4 [16.1 kB]
Get:294 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libcaca
0 amd64 0.99.beta19-2build2~gcc5.2 [202 kB]
Get:295 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libdv4
amd64 1.0.0-7 [57.5 kB]
Get:296 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libgstreamer-plugins-good1.0-0 amd64 1.8.3-1ubuntu0.4 [33.0 kB]
Get:297 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libjack
-jackd2-0 amd64 1.9.10+20150825git1ed50c92~dfsg-1ubuntu1 [140 kB]
Get:298 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libtag1
v5-vanilla amd64 1.9.1-2.4ubuntu1 [273 kB]
Get:299 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libtag1
v5 amd64 1.9.1-2.4ubuntu1 [10.7 kB]
Get:300 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libv4lc
onvert0 amd64 1.10.0-1 [76.0 kB]
Get:301 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libv4l-
0 amd64 1.10.0-1 [40.9 kB]
Get:302 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libwavpack1 amd64 4.75.2-2ubuntu0.1 [74.8 kB]
Get:303 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 gstreamer1.0-plugins-good amd64 1.8.3-1ubuntu0.4 [1,530 kB]
Get:304 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 gstreamer1.0-x amd64 1.8.3-1ubuntu0.2 [71.2 kB]
Get:305 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libudis
ks2-0 amd64 2.1.7-1ubuntu1 [90.9 kB]
Get:306 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 x11-uti
ls amd64 7.7+3 [189 kB]
Get:307 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 udisks2
 amd64 2.1.7-1ubuntu1 [183 kB]
Get:308 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 gvfs-common all 1.28.2-1ubuntu1~16.04.2 [45.6 kB]
Get:309 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 gvfs-libs amd64 1.28.2-1ubuntu1~16.04.2 [110 kB]
Get:310 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 gvfs-daemons amd64 1.28.2-1ubuntu1~16.04.2 [112 kB]
Get:311 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 gvfs amd64 1.28.2-1ubuntu1~16.04.2 [91.5 kB]
Get:312 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libavahi-glib1 amd64 0.6.32~rc+dfsg-1ubuntu2.2 [7,708 B]
Get:313 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libcdio
13 amd64 0.83-4.2ubuntu1 [53.0 kB]
Get:314 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libcdio
-cdda1 amd64 0.83-4.2ubuntu1 [15.7 kB]
Get:315 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libcdio
-paranoia1 amd64 0.83-4.2ubuntu1 [15.4 kB]
Get:316 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 gvfs-backends amd64 1.28.2-1ubuntu1~16.04.2 [300 kB]
Get:317 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 hwdata
all 0.267-1 [22.8 kB]
Get:318 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64

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  ibus amd64 1.5.11-1ubuntu2.1 [205 kB]
Get:319 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  ibus-gtk amd64 1.5.11-1ubuntu2.1 [14.7 kB]
Get:320 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  ibus-gtk3 amd64 1.5.11-1ubuntu2.1 [14.8 kB]
Get:321 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  im-config all 0.29-1ubuntu12.4 [23.3 kB]
Get:322 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libido3-0.1-0 amd64 13.10.0+16.04.20161028-0ubuntu1 [48.2 kB]
Get:323 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/universe a
md64 libpanel-applet0 amd64 1:3.18.3-0ubuntu0.1 [25.0 kB]
Get:324 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python3
-xdg all 0.25-4 [31.5 kB]
Get:325 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/universe amd64 ind
icator-applet amd64 12.10.2+15.04.20141127.2-0ubuntu1 [77.9 kB]
Get:326 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 liburl-
dispatcher1 amd64 0.1+16.04.20151110-0ubuntu2 [5,848 B]
Get:327 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 indicat
or-datetime amd64 15.10+16.04.20160406-0ubuntu1 [245 kB]
Get:328 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libfcitx-utils0 amd64 1:4.2.9.1-1ubuntu1.16.04.2 [33.8 kB]
Get:329 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libfcitx-gclient0 amd64 1:4.2.9.1-1ubuntu1.16.04.2 [19.2 kB]
Get:330 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgee-
0.8-2 amd64 0.18.0-1 [210 kB]
Get:331 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  liblightdm-gobject-1-0 amd64 1.18.3-0ubuntu1.1 [35.6 kB]
Get:332 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 indicat
or-keyboard amd64 0.0.0+16.04.20151125-0ubuntu1 [45.9 kB]
Get:333 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 indicat
or-messages amd64 13.10.1+15.10.20150505-0ubuntu1 [66.9 kB]
Get:334 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 indicat
or-power amd64 12.10.6+16.04.20160105-0ubuntu1 [118 kB]
Get:335 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 indicat
or-session amd64 12.10.5+16.04.20160412-0ubuntu1 [105 kB]
Get:336 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 intltoo
l-debian all 0.35.0+20060710.4 [24.9 kB]
Get:337 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 iputils
-arping amd64 3:20121221-5ubuntu2 [26.6 kB]
Get:338 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libqt5sql5-sqlite amd64 5.5.1+dfsg-16ubuntu7.5 [33.0 kB]
Get:339 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 session
-migration amd64 0.2.3 [7,654 B]
Get:340 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libsign
on-extension1 amd64 8.58+16.04.20151106-0ubuntu1 [21.1 kB]
Get:341 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libsign
on-plugins-common1 amd64 8.58+16.04.20151106-0ubuntu1 [18.2 kB]
Get:342 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 signond
  amd64 8.58+16.04.20151106-0ubuntu1 [161 kB]
Get:343 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libacco
unt-plugin-1.0-0 amd64 0.1.8+16.04.20160201-0ubuntu1 [16.5 kB]
Get:344 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 signon-
```

plugin-oauth2 amd64 0.23+16.04.20151209-0ubuntu1 [57.2 kB]
Get:345 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libacco
unt-plugin-generic-oauth amd64 0.12+16.04.20160126-0ubuntu1 [4,608 B]
Get:346 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libacco
unt-plugin-google amd64 0.12+16.04.20160126-0ubuntu1 [5,078 B]
Get:347 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libqt5xml5 amd64 5.5.1+dfsg-16ubuntu7.5 [91.8 kB]
Get:348 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libacco
unts-qt5-1 amd64 1.14+16.04.20151106.1-0ubuntu1 [32.4 kB]
Get:349 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libapt-
pkg-perl amd64 0.1.29build7 [65.3 kB]
Get:350 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libarch
ive-zip-perl all 1.56-2 [84.1 kB]
Get:351 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libspee
xdsp1 amd64 1.2~rc1.2-1ubuntu1 [39.9 kB]
Get:352 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libasou
nd2-plugins amd64 1.1.0-0ubuntu1 [56.5 kB]
Get:353 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libaspr
intf-dev amd64 0.19.7-2ubuntu3 [4,734 B]
Get:354 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libbluetooth3 amd64 5.37-0ubuntu5.1 [61.4 kB]
Get:355 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libwebr
tc-audio-processing-0 amd64 0.1-3ubuntu1~gcc5.1 [96.7 kB]
Get:356 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libpulsedsp amd64 1:8.0-0ubuntu3.10 [21.1 kB]
Get:357 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 pulseaudio-utils amd64 1:8.0-0ubuntu3.10 [50.9 kB]
Get:358 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 pulseaudio amd64 1:8.0-0ubuntu3.10 [769 kB]
Get:359 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libcanb
erra-pulse amd64 0.30-2.1ubuntu1 [11.9 kB]
Get:360 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libhtml
-tagset-perl all 3.20-2 [13.5 kB]
Get:361 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 liburi-
perl all 1.71-1 [76.9 kB]
Get:362 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libhtml
-parser-perl amd64 3.72-1 [86.1 kB]
Get:363 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libcgi-
pm-perl all 4.26-1 [185 kB]
Get:364 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libfcgi
-perl amd64 0.77-1build1 [32.3 kB]
Get:365 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libcgi-
fast-perl all 1:2.10-1 [10.2 kB]
Get:366 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libcgma
nager0 amd64 0.39-2ubuntu5 [34.7 kB]
Get:367 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libchee
se8 amd64 3.18.1-2ubuntu3 [87.4 kB]
Get:368 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libclut
ter-gtk-1.0-0 amd64 1.6.6-1 [24.5 kB]
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se-gtk25 amd64 3.18.1-2ubuntu3 [26.3 kB]
Get:370 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libsub-

name-perl amd64 0.14-1build1 [10.8 kB]
Get:371 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libclas
s-accessor-perl all 0.34-1 [26.0 kB]
Get:372 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libclon
e-perl amd64 0.38-1build1 [10.3 kB]
Get:373 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libclut
ter-1.0-common all 1.24.2-1 [89.8 kB]
Get:374 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libcogl
-common all 1.22.0-2 [196 kB]
Get:375 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libdata
-alias-perl amd64 1.20-1build1 [33.9 kB]
Get:376 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libdige
st-hmac-perl all 1.03+dfsg-1 [12.1 kB]
Get:377 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libtime
date-perl all 2.3000-2 [37.5 kB]
Get:378 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libnet-
ssleay-perl amd64 1.72-1build1 [259 kB]
Get:379 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libio-s
ocket-ssl-perl all 2.024-1 [159 kB]
Get:380 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libnet-
smtp-ssl-perl all 1.03-1 [6,288 B]
Get:381 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libmail
tools-perl all 2.13-1 [82.6 kB]
Get:382 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libsock
et6-perl amd64 0.25-1build2 [22.8 kB]
Get:383 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libio-s
ocket-inet6-perl all 2.72-2 [13.8 kB]
Get:384 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libnet-
ip-perl all 1.26-1 [31.5 kB]
Get:385 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libnet-
dns-perl amd64 0.81-2build1 [266 kB]
Get:386 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libnet-
domain-tld-perl all 1.73-1 [21.4 kB]
Get:387 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libemai
l-valid-perl all 1.198-1 [16.5 kB]
Get:388 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libenco
de-locale-perl all 1.05-1 [12.3 kB]
Get:389 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libexpo
rter-tiny-perl all 0.042-1 [28.8 kB]
Get:390 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libfcitx-config4 amd64 1:4.2.9.1-1ubuntu1.16.04.2 [33.9 kB]
Get:391 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libipc-
system-simple-perl all 1.25-3 [22.8 kB]
Get:392 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libfile
-basedir-perl all 0.07-1 [16.9 kB]
Get:393 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgeon
ames0 amd64 0.2+16.04.20160321-0ubuntu1 [689 kB]
Get:394 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgett
extpo0 amd64 0.19.7-2ubuntu3 [125 kB]
Get:395 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgett
extpo-dev amd64 0.19.7-2ubuntu3 [141 kB]
Get:396 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64

libgnome-menu-3-0 amd64 3.13.3-6ubuntu3.1 [55.0 kB]
Get:397 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgtop
2-common all 2.32.0-1 [10.1 kB]
Get:398 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgtop
-2.0-10 amd64 2.32.0-1 [34.9 kB]
Get:399 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libhttp
-date-perl all 6.02-1 [10.4 kB]
Get:400 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libio-h
tml-perl all 1.001-1 [14.9 kB]
Get:401 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 liblwp-
mediatypes-perl all 6.02-1 [21.7 kB]
Get:402 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libhttp
-message-perl all 6.11-1 [74.3 kB]
Get:403 file:/var/cuda-repo-9-2-local cuda-cufft-9-2 9.2.88-1 [51.5 MB]
Get:404 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libio-p
ty-perl amd64 1:1.08-1.1build1 [30.2 kB]
Get:405 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libio-s
tring-perl all 1.08-3 [11.1 kB]
Get:406 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libipc-
run-perl all 0.94-1 [92.2 kB]
Get:407 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 liblist
-moreutils-perl amd64 0.413-1build1 [67.0 kB]
Get:408 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libmbim-glib4 amd64 1.14.0-1ubuntu0.16.04.1 [65.6 kB]
Get:409 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libmbim-proxy amd64 1.14.0-1ubuntu0.16.04.1 [5,458 B]
Get:410 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libmm-glib0 amd64 1.6.4-1ubuntu0.16.04.1 [163 kB]
Get:411 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libmtp-
runtime amd64 1.1.10-2ubuntu1 [5,738 B]
Get:412 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libndp0 amd64 1.4-2ubuntu0.16.04.1 [10.6 kB]
Get:413 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libnet-
libidn-perl amd64 0.12.ds-2build2 [16.7 kB]
Get:414 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libnm-gtk-common all 1.2.6-0ubuntu0.16.04.4 [5,694 B]
Get:415 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libnm-gtk0 amd64 1.2.6-0ubuntu0.16.04.4 [70.3 kB]
Get:416 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libnm0 amd64 1.2.6-0ubuntu0.16.04.2 [352 kB]
Get:417 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libnma-common all 1.2.6-0ubuntu0.16.04.4 [5,684 B]
Get:418 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libnma0 amd64 1.2.6-0ubuntu0.16.04.4 [66.5 kB]
Get:419 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libnss-
mdns amd64 0.10-7 [21.5 kB]
Get:420 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libpars
e-debianchangelog-perl all 1.2.0-8 [50.4 kB]
Get:421 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libperl
io-gzip-perl amd64 0.19-1build1 [14.2 kB]
Get:422 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libpulse-mainloop-glib0 amd64 1:8.0-0ubuntu3.10 [11.5 kB]

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Get:423 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libpwqu
ality-common all 1.3.0-0ubuntu1 [6,612 B]
Get:424 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libpwqu
ality1 amd64 1.3.0-0ubuntu1 [12.0 kB]
Get:425 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libqmi-glib5 amd64 1.16.2-1ubuntu0.16.04.1 [360 kB]
Get:426 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libqmi-proxy amd64 1.16.2-1ubuntu0.16.04.1 [5,486 B]
Get:427 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libsign
on-qt5-1 amd64 8.58+16.04.20151106-0ubuntu1 [58.7 kB]
Get:428 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libtext
-levenshtein-perl all 0.13-1 [9,612 B]
Get:429 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libtime
zonemap-data all 0.4.5 [1,921 kB]
Get:430 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libtime
zonemap1 amd64 0.4.5 [22.4 kB]
Get:431 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libunity-control-center1 amd64 15.04.0+16.04.20171130-0ubuntu1 [81.1 kB]
Get:432 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libunity-settings-daemon1 amd64 15.04.1+16.04.20160701-0ubuntu1 [75.7 kB]
Get:433 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libwacom-bin amd64 0.22-1~ubuntu16.04.1 [4,642 B]
Get:434 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libwebkit2gtk-4.0-37-gtk2 amd64 2.20.2-0ubuntu0.16.04.1 [9,149 kB]
Get:435 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libx11-
doc all 2:1.6.3-1ubuntu2 [1,465 kB]
Get:436 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libyaml
-libyaml-perl amd64 0.41-6build1 [61.2 kB]
Get:437 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 hardeni
ng-includes all 2.7ubuntu2 [13.6 kB]
Get:438 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 patchut
ils amd64 0.3.4-1 [70.1 kB]
Get:439 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 t1utils
 amd64 1.39-2 [53.4 kB]
Get:440 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 lintian all 2.5.43ubuntu0.1 [626 kB]
Get:441 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 mesa-vdpau-drivers amd64 17.2.8-0ubuntu0~16.04.1 [1,719 kB]
Get:442 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 modemmanager amd64 1.6.4-1ubuntu0.16.04.1 [604 kB]
Get:443 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 mousetw
eaks amd64 3.12.0-1ubuntu2 [37.1 kB]
Get:444 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 nautilus-data all 1:3.18.4.is.3.14.3-0ubuntu6 [48.1 kB]
Get:445 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 wpasupplicant amd64 2.4-0ubuntu6.2 [902 kB]
Get:446 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 network-manager amd64 1.2.6-0ubuntu0.16.04.2 [1,972 kB]
Get:447 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 network-manager-gnome amd64 1.2.6-0ubuntu0.16.04.4 [291 kB]
Get:448 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 ppp amd
64 2.4.7-1+2ubuntu1 [329 kB]
```

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Get:449 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 pptp-li
nux amd64 1.8.0-1 [42.7 kB]
Get:450 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 network
-manager-pptp amd64 1.1.93-1ubuntu1 [23.5 kB]
Get:451 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 notific
ation-daemon amd64 3.18.2-1 [30.9 kB]
Get:452 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 bbswitc
h-dkms amd64 0.8-3ubuntu1 [11.6 kB]
Get:453 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 nvidia-
prime amd64 0.8.2 [11.1 kB]
Get:454 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 pulseaudio-module-x11 amd64 1:8.0-0ubuntu3.10 [15.9 kB]
Get:455 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python3
-bs4 all 4.4.1-1 [64.1 kB]
Get:456 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python3
-cairo amd64 1.10.0+dfsg-5build1 [28.8 kB]
Get:457 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python3
-cups amd64 1.9.73-0ubuntu2 [57.9 kB]
Get:458 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python3
-cupshelpers all 1.5.7+20160212-0ubuntu2 [55.0 kB]
Get:459 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python3
-html5lib all 0.999-4 [79.3 kB]
Get:460 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python3
-lxml amd64 3.5.0-1build1 [811 kB]
Get:461 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 qttrans
lations5-l10n all 5.5.1-2build1 [1,210 kB]
Get:462 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 rtkit a
md64 0.11-4 [33.4 kB]
Get:463 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 signon-
keyring-extension amd64 0.6+14.10.20140513-0ubuntu2 [14.1 kB]
Get:464 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 signon-
plugin-password amd64 8.58+16.04.20151106-0ubuntu1 [13.2 kB]
Get:465 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 signon-
ui-service all 0.17+16.04.20151125-0ubuntu1 [2,746 B]
Get:466 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 signon-
ui-x11 amd64 0.17+16.04.20151125-0ubuntu1 [82.8 kB]
Get:467 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 signon-
ui all 0.17+16.04.20151125-0ubuntu1 [1,304 B]
Get:468 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 system-
config-printer-common all 1.5.7+20160212-0ubuntu2 [28.9 kB]
Get:469 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python3
-defer all 1.0.6-2build1 [10.7 kB]
Get:470 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python3
-aptdaemon all 1.1.1+bzr982-0ubuntu14 [77.0 kB]
Get:471 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python3
-aptdaemon.pkcompat all 1.1.1+bzr982-0ubuntu14 [23.1 kB]
Get:472 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 system-
config-printer-gnome all 1.5.7+20160212-0ubuntu2 [146 kB]
Get:473 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 system-
config-printer-udev amd64 1.5.7+20160212-0ubuntu2 [22.0 kB]
Get:474 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 ubuntu-
system-service all 0.3 [9,052 B]
```

Get:475 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 ubuntu-touch-sounds all 15.08 [12.7 MB]
Get:476 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 unity-settings-daemon amd64 15.04.1+16.04.20160701-0ubuntu1 [496 kB]
Get:477 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 indicator-bluetooth amd64 0.0.6+16.04.20160526-0ubuntu1 [31.9 kB]
Get:478 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 indicator-sound amd64 12.10.2+16.04.20160406-0ubuntu1 [89.2 kB]
Get:479 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 unity-control-center amd64 15.04.0+16.04.20171130-0ubuntu1 [835 kB]
Get:480 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 unity-control-center-faces all 15.04.0+16.04.20171130-0ubuntu1 [180 kB]
Get:481 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 unity-control-center-signon amd64 0.1.8+16.04.20160201-0ubuntu1 [117 kB]
Get:482 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 upstart amd64 1.13.2-0ubuntu21.1 [392 kB]
Get:483 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 unity-greeter amd64 16.04.2-0ubuntu1 [145 kB]
Get:484 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 usbmuxd amd64 1.1.0-2 [33.7 kB]
Get:485 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 vdpau-driver-all amd64 1.1.1-3ubuntu1 [4,674 B]
Get:486 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 wamerican all 7.1-1 [269 kB]
Get:487 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 xfonts-encodings all 1:1.0.4-2 [573 kB]
Get:488 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 xfonts-utils amd64 1:7.7+3ubuntu0.16.04.2 [74.6 kB]
Get:489 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 xfonts-base all 1:1.0.4+nmu1 [5,914 kB]
Get:490 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 xserver-xorg-input-evdev amd64 1:2.10.1-1ubuntu2 [31.3 kB]
Get:491 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 xserver-xorg-input-synaptics amd64 1.8.2-1ubuntu3 [63.3 kB]
Get:492 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 xserver-xorg-input-vmmouse amd64 1:13.1.0-1ubuntu2 [14.1 kB]
Get:493 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 xserver-xorg-input-wacom amd64 1:0.32.0-0ubuntu3 [84.7 kB]
Get:494 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 xserver-xorg-input-all amd64 1:7.7+13ubuntu3 [4,398 B]
Get:495 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 xserver-xorg amd64 1:7.7+13ubuntu3 [57.2 kB]
Get:496 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 aptdaemon all 1.1.1+bzr982-0ubuntu14 [13.5 kB]
Get:497 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 cups-pk-helper amd64 0.2.5-2ubuntu2 [46.3 kB]
Get:498 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 ippusbxd amd64 1.23-1 [17.5 kB]
Get:499 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libauthen-sasl-perl all 2.1600-1 [48.7 kB]
Get:500 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libcanberra-gtk3-module amd64 0.30-2.1ubuntu1 [9,834 B]

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Get:501 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 mobile-
broadband-provider-info all 20140317-1 [46.1 kB]
Get:502 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 usb-mod
eswitch-data all 20151101-1 [31.4 kB]
Get:503 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 usb-mod
eswitch amd64 2.2.5+repack0-1ubuntu1 [51.5 kB]
Get:504 file:/var/cuda-repo-9-2-local  cuda-cufft-dev-9-2 9.2.88-1 [106 MB]
Get:505 file:/var/cuda-repo-9-2-local  cuda-curand-9-2 9.2.88-1 [38.8 MB]
Get:506 file:/var/cuda-repo-9-2-local  cuda-curand-dev-9-2 9.2.88-1 [57.8 MB]
Get:507 file:/var/cuda-repo-9-2-local  cuda-cusparse-9-2 9.2.88-1 [27.6 MB]
Get:508 file:/var/cuda-repo-9-2-local  cuda-cusparse-dev-9-2 9.2.88-1 [27.8 MB]
Get:509 file:/var/cuda-repo-9-2-local  cuda-npp-9-2 9.2.88-1 [52.1 MB]
Get:510 file:/var/cuda-repo-9-2-local  cuda-npp-dev-9-2 9.2.88-1 [52.0 MB]
Get:511 file:/var/cuda-repo-9-2-local  cuda-nvml-dev-9-2 9.2.88-1 [49.4 kB]
Get:512 file:/var/cuda-repo-9-2-local  cuda-nvgraph-9-2 9.2.88-1 [11.7 MB]
Get:513 file:/var/cuda-repo-9-2-local  cuda-nvgraph-dev-9-2 9.2.88-1 [30.0 MB]
Get:514 file:/var/cuda-repo-9-2-local  cuda-visual-tools-9-2 9.2.88-1 [396 MB]
Get:515 file:/var/cuda-repo-9-2-local  cuda-tools-9-2 9.2.88-1 [2,486 B]
Get:516 file:/var/cuda-repo-9-2-local  cuda-samples-9-2 9.2.88-1 [76.3 MB]
Get:517 file:/var/cuda-repo-9-2-local  cuda-documentation-9-2 9.2.88-1 [50.4 MB]
Get:518 file:/var/cuda-repo-9-2-local  cuda-libraries-dev-9-2 9.2.88-1 [2,598 B]
Get:519 file:/var/cuda-repo-9-2-local  cuda-toolkit-9-2 9.2.88-1 [2,828 B]
Get:520 file:/var/cuda-repo-9-2-local  nvidia-396 396.26-0ubuntu1 [78.3 MB]
Get:521 file:/var/cuda-repo-9-2-local  nvidia-396-dev 396.26-0ubuntu1 [81.5 kB]
Get:522 file:/var/cuda-repo-9-2-local  libcuda1-396 396.26-0ubuntu1 [3,457 kB]
Get:523 file:/var/cuda-repo-9-2-local  nvidia-modprobe 396.26-0ubuntu1 [18.6 kB]
Get:524 file:/var/cuda-repo-9-2-local  libxnvctrl0 396.26-0ubuntu1 [19.3 kB]
Get:525 file:/var/cuda-repo-9-2-local  nvidia-settings 396.26-0ubuntu1 [957 kB]
Get:526 file:/var/cuda-repo-9-2-local  nvidia-opencl-icd-396 396.26-0ubuntu1 [3,
554 kB]
Get:527 file:/var/cuda-repo-9-2-local  cuda-drivers 396.26-1 [2,402 B]
Get:528 file:/var/cuda-repo-9-2-local  cuda-libraries-9-2 9.2.88-1 [2,568 B]
Get:529 file:/var/cuda-repo-9-2-local  cuda-runtime-9-2 9.2.88-1 [2,530 B]
Get:530 file:/var/cuda-repo-9-2-local  cuda-demo-suite-9-2 9.2.88-1 [3,889 kB]
Get:531 file:/var/cuda-repo-9-2-local  cuda-9-2 9.2.88-1 [2,560 B]
Get:532 file:/var/cuda-repo-9-2-local  cuda 9.2.88-1 [2,508 B]
Fetched 129 MB in 19s (6,506 kB/s)
Extracting templates from packages: 100%
Preconfiguring packages ...
Selecting previously unselected package libxcb-glx0:amd64.
(Reading database ... 108584 files and directories currently installed.)
Preparing to unpack .../libxcb-glx0_1.11.1-1ubuntu1_amd64.deb ...
Unpacking libxcb-glx0:amd64 (1.11.1-1ubuntu1) ...
Selecting previously unselected package libxxf86vm1:amd64.
Preparing to unpack .../libxxf86vm1_1%3a1.1.4-1_amd64.deb ...
Unpacking libxxf86vm1:amd64 (1:1.1.4-1) ...
Selecting previously unselected package libgl1-mesa-glx:amd64.
Preparing to unpack .../libgl1-mesa-glx_17.2.8-0ubuntu0~16.04.1_amd64.deb ...
Unpacking libgl1-mesa-glx:amd64 (17.2.8-0ubuntu0~16.04.1) ...
Selecting previously unselected package freeglut3:amd64.
Preparing to unpack .../freeglut3_2.8.1-2_amd64.deb ...
Unpacking freeglut3:amd64 (2.8.1-2) ...
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```
Selecting previously unselected package libgck-1-0:amd64.
Preparing to unpack .../libgck-1-0_3.18.0-1ubuntu1_amd64.deb ...
Unpacking libgck-1-0:amd64 (3.18.0-1ubuntu1) ...
Selecting previously unselected package libgcr-3-common.
Preparing to unpack .../libgcr-3-common_3.18.0-1ubuntu1_all.deb ...
Unpacking libgcr-3-common (3.18.0-1ubuntu1) ...
Selecting previously unselected package libgcr-base-3-1:amd64.
Preparing to unpack .../libgcr-base-3-1_3.18.0-1ubuntu1_amd64.deb ...
Unpacking libgcr-base-3-1:amd64 (3.18.0-1ubuntu1) ...
Selecting previously unselected package libgcr-ui-3-1:amd64.
Preparing to unpack .../libgcr-ui-3-1_3.18.0-1ubuntu1_amd64.deb ...
Unpacking libgcr-ui-3-1:amd64 (3.18.0-1ubuntu1) ...
Selecting previously unselected package dbus-x11.
Preparing to unpack .../dbus-x11_1.10.6-1ubuntu3.3_amd64.deb ...
Unpacking dbus-x11 (1.10.6-1ubuntu3.3) ...
Selecting previously unselected package gcr.
Preparing to unpack .../gcr_3.18.0-1ubuntu1_amd64.deb ...
Unpacking gcr (3.18.0-1ubuntu1) ...
Selecting previously unselected package p11-kit-modules:amd64.
Preparing to unpack .../p11-kit-modules_0.23.2-5~ubuntu16.04.1_amd64.deb ...
Unpacking p11-kit-modules:amd64 (0.23.2-5~ubuntu16.04.1) ...
Selecting previously unselected package p11-kit.
Preparing to unpack .../p11-kit_0.23.2-5~ubuntu16.04.1_amd64.deb ...
Unpacking p11-kit (0.23.2-5~ubuntu16.04.1) ...
Selecting previously unselected package libassuan0:amd64.
Preparing to unpack .../libassuan0_2.4.2-2_amd64.deb ...
Unpacking libassuan0:amd64 (2.4.2-2) ...
Selecting previously unselected package libsecret-common.
Preparing to unpack .../libsecret-common_0.18.4-1ubuntu2_all.deb ...
Unpacking libsecret-common (0.18.4-1ubuntu2) ...
Selecting previously unselected package libsecret-1-0:amd64.
Preparing to unpack .../libsecret-1-0_0.18.4-1ubuntu2_amd64.deb ...
Unpacking libsecret-1-0:amd64 (0.18.4-1ubuntu2) ...
Selecting previously unselected package pinentry-gnome3.
Preparing to unpack .../pinentry-gnome3_0.9.7-3_amd64.deb ...
Unpacking pinentry-gnome3 (0.9.7-3) ...
Selecting previously unselected package gnome-keyring.
Preparing to unpack .../gnome-keyring_3.18.3-0ubuntu2_amd64.deb ...
Unpacking gnome-keyring (3.18.3-0ubuntu2) ...
Selecting previously unselected package libasyncns0:amd64.
Preparing to unpack .../libasyncns0_0.8-5build1_amd64.deb ...
Unpacking libasyncns0:amd64 (0.8-5build1) ...
Selecting previously unselected package libatasmart4:amd64.
Preparing to unpack .../libatasmart4_0.19-3_amd64.deb ...
Unpacking libatasmart4:amd64 (0.19-3) ...
Selecting previously unselected package libcdparanoia0:amd64.
Preparing to unpack .../libcdparanoia0_3.10.2+debian-11_amd64.deb ...
Unpacking libcdparanoia0:amd64 (3.10.2+debian-11) ...
Selecting previously unselected package libdaemon0:amd64.
Preparing to unpack .../libdaemon0_0.14-6_amd64.deb ...
Unpacking libdaemon0:amd64 (0.14-6) ...
Selecting previously unselected package libfftw3-single3:amd64.
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Preparing to unpack .../libfftw3-single3_3.3.4-2ubuntu1_amd64.deb ...
Unpacking libfftw3-single3:amd64 (3.3.4-2ubuntu1) ...
Selecting previously unselected package libgeoclue0:amd64.
Preparing to unpack .../libgeoclue0_0.12.99-4ubuntu1_amd64.deb ...
Unpacking libgeoclue0:amd64 (0.12.99-4ubuntu1) ...
Selecting previously unselected package libice6:amd64.
Preparing to unpack .../libice6_2%3a1.0.9-1_amd64.deb ...
Unpacking libice6:amd64 (2:1.0.9-1) ...
Selecting previously unselected package libraw1394-11:amd64.
Preparing to unpack .../libraw1394-11_2.1.1-2_amd64.deb ...
Unpacking libraw1394-11:amd64 (2.1.1-2) ...
Selecting previously unselected package libiec61883-0:amd64.
Preparing to unpack .../libiec61883-0_1.2.0-0.2_amd64.deb ...
Unpacking libiec61883-0:amd64 (1.2.0-0.2) ...
Selecting previously unselected package libmtdev1:amd64.
Preparing to unpack .../libmtdev1_1.1.5-1ubuntu2_amd64.deb ...
Unpacking libmtdev1:amd64 (1.1.5-1ubuntu2) ...
Selecting previously unselected package libmtp-common.
Preparing to unpack .../libmtp-common_1.1.10-2ubuntu1_all.deb ...
Unpacking libmtp-common (1.1.10-2ubuntu1) ...
Selecting previously unselected package libmtp9:amd64.
Preparing to unpack .../libmtp9_1.1.10-2ubuntu1_amd64.deb ...
Unpacking libmtp9:amd64 (1.1.10-2ubuntu1) ...
Selecting previously unselected package libnotify4:amd64.
Preparing to unpack .../libnotify4_0.7.6-2svn1_amd64.deb ...
Unpacking libnotify4:amd64 (0.7.6-2svn1) ...
Selecting previously unselected package libogg0:amd64.
Preparing to unpack .../libogg0_1.3.2-1_amd64.deb ...
Unpacking libogg0:amd64 (1.3.2-1) ...
Selecting previously unselected package libp11-kit-gnome-keyring:amd64.
Preparing to unpack .../libp11-kit-gnome-keyring_3.18.3-0ubuntu2_amd64.deb ...
Unpacking libp11-kit-gnome-keyring:amd64 (3.18.3-0ubuntu2) ...
Selecting previously unselected package libpam-gnome-keyring:amd64.
Preparing to unpack .../libpam-gnome-keyring_3.18.3-0ubuntu2_amd64.deb ...
Unpacking libpam-gnome-keyring:amd64 (3.18.3-0ubuntu2) ...
Selecting previously unselected package libpcre16-3:amd64.
Preparing to unpack .../libpcre16-3_2%3a8.38-3.1_amd64.deb ...
Unpacking libpcre16-3:amd64 (2:8.38-3.1) ...
Selecting previously unselected package libqt5core5a:amd64.
Preparing to unpack .../libqt5core5a_5.5.1+dfsg-16ubuntu7.5_amd64.deb ...
Unpacking libqt5core5a:amd64 (5.5.1+dfsg-16ubuntu7.5) ...
Selecting previously unselected package libevdev2:amd64.
Preparing to unpack .../libevdev2_1.4.6+dfsg-1_amd64.deb ...
Unpacking libevdev2:amd64 (1.4.6+dfsg-1) ...
Selecting previously unselected package libwacom-common.
Preparing to unpack .../libwacom-common_0.22-1~ubuntu16.04.1_all.deb ...
Unpacking libwacom-common (0.22-1~ubuntu16.04.1) ...
Selecting previously unselected package libwacom2:amd64.
Preparing to unpack .../libwacom2_0.22-1~ubuntu16.04.1_amd64.deb ...
Unpacking libwacom2:amd64 (0.22-1~ubuntu16.04.1) ...
Selecting previously unselected package libinput-bin.
Preparing to unpack .../libinput-bin_1.6.3-1ubuntu1~16.04.1_amd64.deb ...
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Unpacking libinput-bin (1.6.3-1ubuntu1~16.04.1) ...
Selecting previously unselected package libinput10:amd64.
Preparing to unpack .../libinput10_1.6.3-1ubuntu1~16.04.1_amd64.deb ...
Unpacking libinput10:amd64 (1.6.3-1ubuntu1~16.04.1) ...
Selecting previously unselected package libqt5dbus5:amd64.
Preparing to unpack .../libqt5dbus5_5.5.1+dfsg-16ubuntu7.5_amd64.deb ...
Unpacking libqt5dbus5:amd64 (5.5.1+dfsg-16ubuntu7.5) ...
Selecting previously unselected package libqt5network5:amd64.
Preparing to unpack .../libqt5network5_5.5.1+dfsg-16ubuntu7.5_amd64.deb ...
Unpacking libqt5network5:amd64 (5.5.1+dfsg-16ubuntu7.5) ...
Selecting previously unselected package libsm6:amd64.
Preparing to unpack .../libsm6_2%3a1.2.2-1_amd64.deb ...
Unpacking libsm6:amd64 (2:1.2.2-1) ...
Selecting previously unselected package libxcb-icccm4:amd64.
Preparing to unpack .../libxcb-icccm4_0.4.1-1ubuntu1_amd64.deb ...
Unpacking libxcb-icccm4:amd64 (0.4.1-1ubuntu1) ...
Selecting previously unselected package libxcb-util1:amd64.
Preparing to unpack .../libxcb-util1_0.4.0-0ubuntu3_amd64.deb ...
Unpacking libxcb-util1:amd64 (0.4.0-0ubuntu3) ...
Selecting previously unselected package libxcb-image0:amd64.
Preparing to unpack .../libxcb-image0_0.4.0-1build1_amd64.deb ...
Unpacking libxcb-image0:amd64 (0.4.0-1build1) ...
Selecting previously unselected package libxcb-keysyms1:amd64.
Preparing to unpack .../libxcb-keysyms1_0.4.0-1_amd64.deb ...
Unpacking libxcb-keysyms1:amd64 (0.4.0-1) ...
Selecting previously unselected package libxcb-randr0:amd64.
Preparing to unpack .../libxcb-randr0_1.11.1-1ubuntu1_amd64.deb ...
Unpacking libxcb-randr0:amd64 (1.11.1-1ubuntu1) ...
Selecting previously unselected package libxcb-render-util0:amd64.
Preparing to unpack .../libxcb-render-util0_0.3.9-1_amd64.deb ...
Unpacking libxcb-render-util0:amd64 (0.3.9-1) ...
Selecting previously unselected package libxcb-shape0:amd64.
Preparing to unpack .../libxcb-shape0_1.11.1-1ubuntu1_amd64.deb ...
Unpacking libxcb-shape0:amd64 (1.11.1-1ubuntu1) ...
Selecting previously unselected package libxcb-xkb1:amd64.
Preparing to unpack .../libxcb-xkb1_1.11.1-1ubuntu1_amd64.deb ...
Unpacking libxcb-xkb1:amd64 (1.11.1-1ubuntu1) ...
Selecting previously unselected package libxkbcommon-x11-0:amd64.
Preparing to unpack .../libxkbcommon-x11-0_0.5.0-1ubuntu2_amd64.deb ...
Unpacking libxkbcommon-x11-0:amd64 (0.5.0-1ubuntu2) ...
Selecting previously unselected package libqt5gui5:amd64.
Preparing to unpack .../libqt5gui5_5.5.1+dfsg-16ubuntu7.5_amd64.deb ...
Unpacking libqt5gui5:amd64 (5.5.1+dfsg-16ubuntu7.5) ...
Selecting previously unselected package libqt5widgets5:amd64.
Preparing to unpack .../libqt5widgets5_5.5.1+dfsg-16ubuntu7.5_amd64.deb ...
Unpacking libqt5widgets5:amd64 (5.5.1+dfsg-16ubuntu7.5) ...
Selecting previously unselected package libqt5svg5:amd64.
Preparing to unpack .../libqt5svg5_5.5.1-2build1_amd64.deb ...
Unpacking libqt5svg5:amd64 (5.5.1-2build1) ...
Selecting previously unselected package libgstreamer1.0-0:amd64.
Preparing to unpack .../libgstreamer1.0-0_1.8.3-1~ubuntu0.1_amd64.deb ...
Unpacking libgstreamer1.0-0:amd64 (1.8.3-1~ubuntu0.1) ...
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Selecting previously unselected package liborc-0.4-0:amd64.
Preparing to unpack .../liborc-0.4-0_1%3a0.4.25-1_amd64.deb ...
Unpacking liborc-0.4-0:amd64 (1:0.4.25-1) ...
Selecting previously unselected package libgstreamer-plugins-base1.0-0:amd64.
Preparing to unpack .../libgstreamer-plugins-base1.0-0_1.8.3-1ubuntu0.2_amd64.de
b ...
Unpacking libgstreamer-plugins-base1.0-0:amd64 (1.8.3-1ubuntu0.2) ...
Selecting previously unselected package libqt5opengl5:amd64.
Preparing to unpack .../libqt5opengl5_5.5.1+dfsg-16ubuntu7.5_amd64.deb ...
Unpacking libqt5opengl5:amd64 (5.5.1+dfsg-16ubuntu7.5) ...
Selecting previously unselected package libqt5printsupport5:amd64.
Preparing to unpack .../libqt5printsupport5_5.5.1+dfsg-16ubuntu7.5_amd64.deb ...
Unpacking libqt5printsupport5:amd64 (5.5.1+dfsg-16ubuntu7.5) ...
Selecting previously unselected package libdouble-conversion1v5:amd64.
Preparing to unpack .../libdouble-conversion1v5_2.0.1-3ubuntu2_amd64.deb ...
Unpacking libdouble-conversion1v5:amd64 (2.0.1-3ubuntu2) ...
Selecting previously unselected package libqt5qml5:amd64.
Preparing to unpack .../libqt5qml5_5.5.1-2ubuntu6_amd64.deb ...
Unpacking libqt5qml5:amd64 (5.5.1-2ubuntu6) ...
Selecting previously unselected package libqt5quick5:amd64.
Preparing to unpack .../libqt5quick5_5.5.1-2ubuntu6_amd64.deb ...
Unpacking libqt5quick5:amd64 (5.5.1-2ubuntu6) ...
Selecting previously unselected package libqt5sql5:amd64.
Preparing to unpack .../libqt5sql5_5.5.1+dfsg-16ubuntu7.5_amd64.deb ...
Unpacking libqt5sql5:amd64 (5.5.1+dfsg-16ubuntu7.5) ...
Selecting previously unselected package libqt5webkit5:amd64.
Preparing to unpack .../libqt5webkit5_5.5.1+dfsg-2ubuntu1_amd64.deb ...
Unpacking libqt5webkit5:amd64 (5.5.1+dfsg-2ubuntu1) ...
Selecting previously unselected package libsamplerate0:amd64.
Preparing to unpack .../libsamplerate0_0.1.8-8_amd64.deb ...
Unpacking libsamplerate0:amd64 (0.1.8-8) ...
Selecting previously unselected package libspeex1:amd64.
Preparing to unpack .../libspeex1_1.2~rc1.2-1ubuntu1_amd64.deb ...
Unpacking libspeex1:amd64 (1.2~rc1.2-1ubuntu1) ...
Selecting previously unselected package libtheora0:amd64.
Preparing to unpack .../libtheora0_1.1.1+dfsg.1-8_amd64.deb ...
Unpacking libtheora0:amd64 (1.1.1+dfsg.1-8) ...
Selecting previously unselected package libvorbis0a:amd64.
Preparing to unpack .../libvorbis0a_1.3.5-3ubuntu0.2_amd64.deb ...
Unpacking libvorbis0a:amd64 (1.3.5-3ubuntu0.2) ...
Selecting previously unselected package libshout3:amd64.
Preparing to unpack .../libshout3_2.3.1-3_amd64.deb ...
Unpacking libshout3:amd64 (2.3.1-3) ...
Selecting previously unselected package libsignon-glib1:amd64.
Preparing to unpack .../libsignon-glib1_1.13+16.04.20151209.1-0ubuntu1_amd64.deb
 ...
Unpacking libsignon-glib1:amd64 (1.13+16.04.20151209.1-0ubuntu1) ...
Selecting previously unselected package libunistring0:amd64.
Preparing to unpack .../libunistring0_0.9.3-5.2ubuntu1_amd64.deb ...
Unpacking libunistring0:amd64 (0.9.3-5.2ubuntu1) ...
Selecting previously unselected package libwbclient0:amd64.
Preparing to unpack .../libwbclient0_2%3a4.3.11+dfsg-0ubuntu0.16.04.13_amd64.deb
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...
Unpacking libwbclient0:amd64 (2:4.3.11+dfsg-0ubuntu0.16.04.13) ...
Selecting previously unselected package libxft2:amd64.
Preparing to unpack .../libxft2_2.3.2-1_amd64.deb ...
Unpacking libxft2:amd64 (2.3.2-1) ...
Selecting previously unselected package libxv1:amd64.
Preparing to unpack .../libxv1_2%3a1.0.10-1_amd64.deb ...
Unpacking libxv1:amd64 (2:1.0.10-1) ...
Selecting previously unselected package libxxf86dga1:amd64.
Preparing to unpack .../libxxf86dga1_2%3a1.1.4-1_amd64.deb ...
Unpacking libxxf86dga1:amd64 (2:1.1.4-1) ...
Selecting previously unselected package libglib2.0-bin.
Preparing to unpack .../libglib2.0-bin_2.48.2-0ubuntu1_amd64.deb ...
Unpacking libglib2.0-bin (2.48.2-0ubuntu1) ...
Selecting previously unselected package lightdm.
Preparing to unpack .../lightdm_1.18.3-0ubuntu1.1_amd64.deb ...
Unpacking lightdm (1.18.3-0ubuntu1.1) ...
Selecting previously unselected package libnih-dbus1:amd64.
Preparing to unpack .../libnih-dbus1_1.0.3-4.3ubuntu1_amd64.deb ...
Unpacking libnih-dbus1:amd64 (1.0.3-4.3ubuntu1) ...
Selecting previously unselected package mountall.
Preparing to unpack .../mountall_2.54ubuntu1_amd64.deb ...
Unpacking mountall (2.54ubuntu1) ...
Selecting previously unselected package libtalloc2:amd64.
Preparing to unpack .../libtalloc2_2.1.5-2_amd64.deb ...
Unpacking libtalloc2:amd64 (2.1.5-2) ...
Selecting previously unselected package libtevent0:amd64.
Preparing to unpack .../libtevent0_0.9.28-0ubuntu0.16.04.1_amd64.deb ...
Unpacking libtevent0:amd64 (0.9.28-0ubuntu0.16.04.1) ...
Selecting previously unselected package libtdb1:amd64.
Preparing to unpack .../libtdb1_1.3.8-2_amd64.deb ...
Unpacking libtdb1:amd64 (1.3.8-2) ...
Selecting previously unselected package libldb1:amd64.
Preparing to unpack .../libldb1_2%3a1.1.24-1ubuntu3_amd64.deb ...
Unpacking libldb1:amd64 (2:1.1.24-1ubuntu3) ...
Selecting previously unselected package python-talloc.
Preparing to unpack .../python-talloc_2.1.5-2_amd64.deb ...
Unpacking python-talloc (2.1.5-2) ...
Selecting previously unselected package samba-libs:amd64.
Preparing to unpack .../samba-libs_2%3a4.3.11+dfsg-0ubuntu0.16.04.13_amd64.deb .
..
Unpacking samba-libs:amd64 (2:4.3.11+dfsg-0ubuntu0.16.04.13) ...
Selecting previously unselected package libsmbclient:amd64.
Preparing to unpack .../libsmbclient_2%3a4.3.11+dfsg-0ubuntu0.16.04.13_amd64.deb
 ...
Unpacking libsmbclient:amd64 (2:4.3.11+dfsg-0ubuntu0.16.04.13) ...
Selecting previously unselected package apg.
Preparing to unpack .../apg_2.2.3.dfsg.1-2ubuntu1_amd64.deb ...
Unpacking apg (2.2.3.dfsg.1-2ubuntu1) ...
Selecting previously unselected package libaspell15:amd64.
Preparing to unpack .../libaspell15_0.60.7~20110707-3build1_amd64.deb ...
Unpacking libaspell15:amd64 (0.60.7~20110707-3build1) ...
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Selecting previously unselected package emacsen-common.
Preparing to unpack .../emacsen-common_2.0.8_all.deb ...
Unpacking emacsen-common (2.0.8) ...
Selecting previously unselected package dictionaries-common.
Preparing to unpack .../dictionaries-common_1.26.3_all.deb ...
Adding 'diversion of /usr/share/dict/words to /usr/share/dict/words.pre-dictiona
ries-common by dictionaries-common'
Unpacking dictionaries-common (1.26.3) ...
Selecting previously unselected package aspell.
Preparing to unpack .../aspell_0.60.7~20110707-3build1_amd64.deb ...
Unpacking aspell (0.60.7~20110707-3build1) ...
Selecting previously unselected package aspell-en.
Preparing to unpack .../aspell-en_7.1-0-1.1_all.deb ...
Unpacking aspell-en (7.1-0-1.1) ...
Selecting previously unselected package libavahi-core7:amd64.
Preparing to unpack .../libavahi-core7_0.6.32~rc+dfsg-1ubuntu2.2_amd64.deb ...
Unpacking libavahi-core7:amd64 (0.6.32~rc+dfsg-1ubuntu2.2) ...
Selecting previously unselected package avahi-daemon.
Preparing to unpack .../avahi-daemon_0.6.32~rc+dfsg-1ubuntu2.2_amd64.deb ...
Unpacking avahi-daemon (0.6.32~rc+dfsg-1ubuntu2.2) ...
Selecting previously unselected package avahi-utils.
Preparing to unpack .../avahi-utils_0.6.32~rc+dfsg-1ubuntu2.2_amd64.deb ...
Unpacking avahi-utils (0.6.32~rc+dfsg-1ubuntu2.2) ...
Selecting previously unselected package bluez.
Preparing to unpack .../bluez_5.37-0ubuntu5.1_amd64.deb ...
Unpacking bluez (5.37-0ubuntu5.1) ...
Selecting previously unselected package libcamel-1.2-54:amd64.
Preparing to unpack .../libcamel-1.2-54_3.18.5-1ubuntu1_amd64.deb ...
Unpacking libcamel-1.2-54:amd64 (3.18.5-1ubuntu1) ...
Selecting previously unselected package evolution-data-server-common.
Preparing to unpack .../evolution-data-server-common_3.18.5-1ubuntu1_all.deb ...
Unpacking evolution-data-server-common (3.18.5-1ubuntu1) ...
Selecting previously unselected package libedataserver-1.2-21:amd64.
Preparing to unpack .../libedataserver-1.2-21_3.18.5-1ubuntu1_amd64.deb ...
Unpacking libedataserver-1.2-21:amd64 (3.18.5-1ubuntu1) ...
Selecting previously unselected package libebook-contacts-1.2-2:amd64.
Preparing to unpack .../libebook-contacts-1.2-2_3.18.5-1ubuntu1_amd64.deb ...
Unpacking libebook-contacts-1.2-2:amd64 (3.18.5-1ubuntu1) ...
Selecting previously unselected package libebackend-1.2-10:amd64.
Preparing to unpack .../libebackend-1.2-10_3.18.5-1ubuntu1_amd64.deb ...
Unpacking libebackend-1.2-10:amd64 (3.18.5-1ubuntu1) ...
Selecting previously unselected package libedata-book-1.2-25:amd64.
Preparing to unpack .../libedata-book-1.2-25_3.18.5-1ubuntu1_amd64.deb ...
Unpacking libedata-book-1.2-25:amd64 (3.18.5-1ubuntu1) ...
Selecting previously unselected package libebook-1.2-16:amd64.
Preparing to unpack .../libebook-1.2-16_3.18.5-1ubuntu1_amd64.deb ...
Unpacking libebook-1.2-16:amd64 (3.18.5-1ubuntu1) ...
Selecting previously unselected package bluez-obexd.
Preparing to unpack .../bluez-obexd_5.37-0ubuntu5.1_amd64.deb ...
Unpacking bluez-obexd (5.37-0ubuntu5.1) ...
Selecting previously unselected package cheese-common.
Preparing to unpack .../cheese-common_3.18.1-2ubuntu3_all.deb ...
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Unpacking cheese-common (3.18.1-2ubuntu3) ...
Selecting previously unselected package libcrack2:amd64.
Preparing to unpack .../libcrack2_2.9.2-1ubuntu1_amd64.deb ...
Unpacking libcrack2:amd64 (2.9.2-1ubuntu1) ...
Selecting previously unselected package cracklib-runtime.
Preparing to unpack .../cracklib-runtime_2.9.2-1ubuntu1_amd64.deb ...
Unpacking cracklib-runtime (2.9.2-1ubuntu1) ...
Selecting previously unselected package libnl-3-200:amd64.
Preparing to unpack .../libnl-3-200_3.2.27-1ubuntu0.16.04.1_amd64.deb ...
Unpacking libnl-3-200:amd64 (3.2.27-1ubuntu0.16.04.1) ...
Selecting previously unselected package libnl-genl-3-200:amd64.
Preparing to unpack .../libnl-genl-3-200_3.2.27-1ubuntu0.16.04.1_amd64.deb ...
Unpacking libnl-genl-3-200:amd64 (3.2.27-1ubuntu0.16.04.1) ...
Selecting previously unselected package wireless-regdb.
Preparing to unpack .../wireless-regdb_2015.07.20-1ubuntu1_all.deb ...
Unpacking wireless-regdb (2015.07.20-1ubuntu1) ...
Selecting previously unselected package iw.
Preparing to unpack .../archives/iw_3.17-1_amd64.deb ...
Unpacking iw (3.17-1) ...
Selecting previously unselected package crda.
Preparing to unpack .../archives/crda_3.13-1_amd64.deb ...
Unpacking crda (3.13-1) ...
Selecting previously unselected package cuda-license-9-2.
Preparing to unpack .../cuda-license-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-license-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-misc-headers-9-2.
Preparing to unpack .../cuda-misc-headers-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-misc-headers-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-nvcc-9-2.
Preparing to unpack .../cuda-nvcc-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-nvcc-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-cuobjdump-9-2.
Preparing to unpack .../cuda-cuobjdump-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-cuobjdump-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-nvprune-9-2.
Preparing to unpack .../cuda-nvprune-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-nvprune-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-compiler-9-2.
Preparing to unpack .../cuda-compiler-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-compiler-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-nvdisasm-9-2.
Preparing to unpack .../cuda-nvdisasm-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-nvdisasm-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-gdb-9-2.
Preparing to unpack .../cuda-gdb-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-gdb-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-nvprof-9-2.
Preparing to unpack .../cuda-nvprof-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-nvprof-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-memcheck-9-2.
Preparing to unpack .../cuda-memcheck-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-memcheck-9-2 (9.2.88-1) ...
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Selecting previously unselected package cuda-cudart-9-2.
Preparing to unpack .../cuda-cudart-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-cudart-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-driver-dev-9-2.
Preparing to unpack .../cuda-driver-dev-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-driver-dev-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-cudart-dev-9-2.
Preparing to unpack .../cuda-cudart-dev-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-cudart-dev-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-cupti-9-2.
Preparing to unpack .../cuda-cupti-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-cupti-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-gpu-library-advisor-9-2.
Preparing to unpack .../cuda-gpu-library-advisor-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-gpu-library-advisor-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-nvtx-9-2.
Preparing to unpack .../cuda-nvtx-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-nvtx-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-command-line-tools-9-2.
Preparing to unpack .../cuda-command-line-tools-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-command-line-tools-9-2 (9.2.88-1) ...
Selecting previously unselected package libasound2-data.
Preparing to unpack .../libasound2-data_1.1.0-0ubuntu1_all.deb ...
Unpacking libasound2-data (1.1.0-0ubuntu1) ...
Selecting previously unselected package libasound2:amd64.
Preparing to unpack .../libasound2_1.1.0-0ubuntu1_amd64.deb ...
Unpacking libasound2:amd64 (1.1.0-0ubuntu1) ...
Selecting previously unselected package libgif7:amd64.
Preparing to unpack .../libgif7_5.1.4-0.3~16.04_amd64.deb ...
Unpacking libgif7:amd64 (5.1.4-0.3~16.04) ...
Selecting previously unselected package libflac8:amd64.
Preparing to unpack .../libflac8_1.3.1-4_amd64.deb ...
Unpacking libflac8:amd64 (1.3.1-4) ...
Selecting previously unselected package libvorbisenc2:amd64.
Preparing to unpack .../libvorbisenc2_1.3.5-3ubuntu0.2_amd64.deb ...
Unpacking libvorbisenc2:amd64 (1.3.5-3ubuntu0.2) ...
Selecting previously unselected package libsndfile1:amd64.
Preparing to unpack .../libsndfile1_1.0.25-10ubuntu0.16.04.1_amd64.deb ...
Unpacking libsndfile1:amd64 (1.0.25-10ubuntu0.16.04.1) ...
Selecting previously unselected package libpulse0:amd64.
Preparing to unpack .../libpulse0_1%3a8.0-0ubuntu3.10_amd64.deb ...
Unpacking libpulse0:amd64 (1:8.0-0ubuntu3.10) ...
Selecting previously unselected package openjdk-8-jre:amd64.
Preparing to unpack .../openjdk-8-jre_8u171-b11-0ubuntu0.16.04.1_amd64.deb ...
Unpacking openjdk-8-jre:amd64 (8u171-b11-0ubuntu0.16.04.1) ...
Selecting previously unselected package default-jre.
Preparing to unpack .../default-jre_2%3a1.8-56ubuntu2_amd64.deb ...
Unpacking default-jre (2:1.8-56ubuntu2) ...
Selecting previously unselected package cuda-nsight-9-2.
Preparing to unpack .../cuda-nsight-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-nsight-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-nvvp-9-2.
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Preparing to unpack .../cuda-nvvp-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-nvvp-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-nvrtc-9-2.
Preparing to unpack .../cuda-nvrtc-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-nvrtc-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-nvrtc-dev-9-2.
Preparing to unpack .../cuda-nvrtc-dev-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-nvrtc-dev-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-cusolver-9-2.
Preparing to unpack .../cuda-cusolver-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-cusolver-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-cusolver-dev-9-2.
Preparing to unpack .../cuda-cusolver-dev-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-cusolver-dev-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-cublas-9-2.
Preparing to unpack .../cuda-cublas-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-cublas-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-cublas-dev-9-2.
Preparing to unpack .../cuda-cublas-dev-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-cublas-dev-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-cufft-9-2.
Preparing to unpack .../cuda-cufft-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-cufft-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-cufft-dev-9-2.
Preparing to unpack .../cuda-cufft-dev-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-cufft-dev-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-curand-9-2.
Preparing to unpack .../cuda-curand-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-curand-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-curand-dev-9-2.
Preparing to unpack .../cuda-curand-dev-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-curand-dev-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-cusparse-9-2.
Preparing to unpack .../cuda-cusparse-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-cusparse-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-cusparse-dev-9-2.
Preparing to unpack .../cuda-cusparse-dev-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-cusparse-dev-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-npp-9-2.
Preparing to unpack .../cuda-npp-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-npp-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-npp-dev-9-2.
Preparing to unpack .../cuda-npp-dev-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-npp-dev-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-nvml-dev-9-2.
Preparing to unpack .../cuda-nvml-dev-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-nvml-dev-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-nvgraph-9-2.
Preparing to unpack .../cuda-nvgraph-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-nvgraph-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-nvgraph-dev-9-2.
Preparing to unpack .../cuda-nvgraph-dev-9-2_9.2.88-1_amd64.deb ...
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Unpacking cuda-nvgraph-dev-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-visual-tools-9-2.
Preparing to unpack .../cuda-visual-tools-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-visual-tools-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-tools-9-2.
Preparing to unpack .../cuda-tools-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-tools-9-2 (9.2.88-1) ...
Selecting previously unselected package xorg-sgml-doctools.
Preparing to unpack .../xorg-sgml-doctools_1%3a1.11-1_all.deb ...
Unpacking xorg-sgml-doctools (1:1.11-1) ...
Selecting previously unselected package x11proto-core-dev.
Preparing to unpack .../x11proto-core-dev_7.0.31-1~ubuntu16.04.2_all.deb ...
Unpacking x11proto-core-dev (7.0.31-1~ubuntu16.04.2) ...
Selecting previously unselected package libxau-dev:amd64.
Preparing to unpack .../libxau-dev_1%3a1.0.8-1_amd64.deb ...
Unpacking libxau-dev:amd64 (1:1.0.8-1) ...
Selecting previously unselected package libxdmcp-dev:amd64.
Preparing to unpack .../libxdmcp-dev_1%3a1.1.2-1.1_amd64.deb ...
Unpacking libxdmcp-dev:amd64 (1:1.1.2-1.1) ...
Selecting previously unselected package x11proto-input-dev.
Preparing to unpack .../x11proto-input-dev_2.3.1-1_all.deb ...
Unpacking x11proto-input-dev (2.3.1-1) ...
Selecting previously unselected package x11proto-kb-dev.
Preparing to unpack .../x11proto-kb-dev_1.0.7-0ubuntu1_all.deb ...
Unpacking x11proto-kb-dev (1.0.7-0ubuntu1) ...
Selecting previously unselected package xtrans-dev.
Preparing to unpack .../xtrans-dev_1.3.5-1_all.deb ...
Unpacking xtrans-dev (1.3.5-1) ...
Selecting previously unselected package libpthread-stubs0-dev:amd64.
Preparing to unpack .../libpthread-stubs0-dev_0.3-4_amd64.deb ...
Unpacking libpthread-stubs0-dev:amd64 (0.3-4) ...
Selecting previously unselected package libxcb1-dev:amd64.
Preparing to unpack .../libxcb1-dev_1.11.1-1ubuntu1_amd64.deb ...
Unpacking libxcb1-dev:amd64 (1.11.1-1ubuntu1) ...
Selecting previously unselected package libx11-dev:amd64.
Preparing to unpack .../libx11-dev_2%3a1.6.3-1ubuntu2_amd64.deb ...
Unpacking libx11-dev:amd64 (2:1.6.3-1ubuntu2) ...
Selecting previously unselected package libdrm-dev:amd64.
Preparing to unpack .../libdrm-dev_2.4.83-1~16.04.1_amd64.deb ...
Unpacking libdrm-dev:amd64 (2.4.83-1~16.04.1) ...
Selecting previously unselected package mesa-common-dev:amd64.
Preparing to unpack .../mesa-common-dev_17.2.8-0ubuntu0~16.04.1_amd64.deb ...
Unpacking mesa-common-dev:amd64 (17.2.8-0ubuntu0~16.04.1) ...
Selecting previously unselected package libx11-xcb-dev:amd64.
Preparing to unpack .../libx11-xcb-dev_2%3a1.6.3-1ubuntu2_amd64.deb ...
Unpacking libx11-xcb-dev:amd64 (2:1.6.3-1ubuntu2) ...
Selecting previously unselected package libxcb-dri3-dev:amd64.
Preparing to unpack .../libxcb-dri3-dev_1.11.1-1ubuntu1_amd64.deb ...
Unpacking libxcb-dri3-dev:amd64 (1.11.1-1ubuntu1) ...
Selecting previously unselected package libxcb-render0-dev:amd64.
Preparing to unpack .../libxcb-render0-dev_1.11.1-1ubuntu1_amd64.deb ...
Unpacking libxcb-render0-dev:amd64 (1.11.1-1ubuntu1) ...
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Selecting previously unselected package libxcb-randr0-dev:amd64.
Preparing to unpack .../libxcb-randr0-dev_1.11.1-1ubuntu1_amd64.deb ...
Unpacking libxcb-randr0-dev:amd64 (1.11.1-1ubuntu1) ...
Selecting previously unselected package libxcb-shape0-dev:amd64.
Preparing to unpack .../libxcb-shape0-dev_1.11.1-1ubuntu1_amd64.deb ...
Unpacking libxcb-shape0-dev:amd64 (1.11.1-1ubuntu1) ...
Selecting previously unselected package libxcb-xfixes0-dev:amd64.
Preparing to unpack .../libxcb-xfixes0-dev_1.11.1-1ubuntu1_amd64.deb ...
Unpacking libxcb-xfixes0-dev:amd64 (1.11.1-1ubuntu1) ...
Selecting previously unselected package libxcb-sync-dev:amd64.
Preparing to unpack .../libxcb-sync-dev_1.11.1-1ubuntu1_amd64.deb ...
Unpacking libxcb-sync-dev:amd64 (1.11.1-1ubuntu1) ...
Selecting previously unselected package libxcb-present-dev:amd64.
Preparing to unpack .../libxcb-present-dev_1.11.1-1ubuntu1_amd64.deb ...
Unpacking libxcb-present-dev:amd64 (1.11.1-1ubuntu1) ...
Selecting previously unselected package libxshmfence-dev:amd64.
Preparing to unpack .../libxshmfence-dev_1.2-1_amd64.deb ...
Unpacking libxshmfence-dev:amd64 (1.2-1) ...
Selecting previously unselected package libxcb-dri2-0-dev:amd64.
Preparing to unpack .../libxcb-dri2-0-dev_1.11.1-1ubuntu1_amd64.deb ...
Unpacking libxcb-dri2-0-dev:amd64 (1.11.1-1ubuntu1) ...
Selecting previously unselected package libxcb-glx0-dev:amd64.
Preparing to unpack .../libxcb-glx0-dev_1.11.1-1ubuntu1_amd64.deb ...
Unpacking libxcb-glx0-dev:amd64 (1.11.1-1ubuntu1) ...
Selecting previously unselected package x11proto-xext-dev.
Preparing to unpack .../x11proto-xext-dev_7.3.0-1_all.deb ...
Unpacking x11proto-xext-dev (7.3.0-1) ...
Selecting previously unselected package x11proto-fixes-dev.
Preparing to unpack .../x11proto-fixes-dev_1%3a5.0-2ubuntu2_all.deb ...
Unpacking x11proto-fixes-dev (1:5.0-2ubuntu2) ...
Selecting previously unselected package libxfixes-dev:amd64.
Preparing to unpack .../libxfixes-dev_1%3a5.0.1-2_amd64.deb ...
Unpacking libxfixes-dev:amd64 (1:5.0.1-2) ...
Selecting previously unselected package x11proto-damage-dev.
Preparing to unpack .../x11proto-damage-dev_1%3a1.2.1-2_all.deb ...
Unpacking x11proto-damage-dev (1:1.2.1-2) ...
Selecting previously unselected package libxdamage-dev:amd64.
Preparing to unpack .../libxdamage-dev_1%3a1.1.4-2_amd64.deb ...
Unpacking libxdamage-dev:amd64 (1:1.1.4-2) ...
Selecting previously unselected package libxext-dev:amd64.
Preparing to unpack .../libxext-dev_2%3a1.3.3-1_amd64.deb ...
Unpacking libxext-dev:amd64 (2:1.3.3-1) ...
Selecting previously unselected package x11proto-xf86vidmode-dev.
Preparing to unpack .../x11proto-xf86vidmode-dev_2.3.1-2_all.deb ...
Unpacking x11proto-xf86vidmode-dev (2.3.1-2) ...
Selecting previously unselected package libxxf86vm-dev:amd64.
Preparing to unpack .../libxxf86vm-dev_1%3a1.1.4-1_amd64.deb ...
Unpacking libxxf86vm-dev:amd64 (1:1.1.4-1) ...
Selecting previously unselected package x11proto-dri2-dev.
Preparing to unpack .../x11proto-dri2-dev_2.8-2_all.deb ...
Unpacking x11proto-dri2-dev (2.8-2) ...
Selecting previously unselected package x11proto-gl-dev.
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Preparing to unpack .../x11proto-gl-dev_1.4.17-1_all.deb ...
Unpacking x11proto-gl-dev (1.4.17-1) ...
Selecting previously unselected package libgl1-mesa-dev:amd64.
Preparing to unpack .../libgl1-mesa-dev_17.2.8-0ubuntu0~16.04.1_amd64.deb ...
Unpacking libgl1-mesa-dev:amd64 (17.2.8-0ubuntu0~16.04.1) ...
Selecting previously unselected package libglu1-mesa:amd64.
Preparing to unpack .../libglu1-mesa_9.0.0-2.1_amd64.deb ...
Unpacking libglu1-mesa:amd64 (9.0.0-2.1) ...
Selecting previously unselected package libglu1-mesa-dev:amd64.
Preparing to unpack .../libglu1-mesa-dev_9.0.0-2.1_amd64.deb ...
Unpacking libglu1-mesa-dev:amd64 (9.0.0-2.1) ...
Selecting previously unselected package libxt6:amd64.
Preparing to unpack .../libxt6_1%3a1.1.5-0ubuntu1_amd64.deb ...
Unpacking libxt6:amd64 (1:1.1.5-0ubuntu1) ...
Selecting previously unselected package libice-dev:amd64.
Preparing to unpack .../libice-dev_2%3a1.0.9-1_amd64.deb ...
Unpacking libice-dev:amd64 (2:1.0.9-1) ...
Selecting previously unselected package libsm-dev:amd64.
Preparing to unpack .../libsm-dev_2%3a1.2.2-1_amd64.deb ...
Unpacking libsm-dev:amd64 (2:1.2.2-1) ...
Selecting previously unselected package libxt-dev:amd64.
Preparing to unpack .../libxt-dev_1%3a1.1.5-0ubuntu1_amd64.deb ...
Unpacking libxt-dev:amd64 (1:1.1.5-0ubuntu1) ...
Selecting previously unselected package freeglut3-dev:amd64.
Preparing to unpack .../freeglut3-dev_2.8.1-2_amd64.deb ...
Unpacking freeglut3-dev:amd64 (2.8.1-2) ...
Selecting previously unselected package libxmu6:amd64.
Preparing to unpack .../libxmu6_2%3a1.1.2-2_amd64.deb ...
Unpacking libxmu6:amd64 (2:1.1.2-2) ...
Selecting previously unselected package libxmu-headers.
Preparing to unpack .../libxmu-headers_2%3a1.1.2-2_all.deb ...
Unpacking libxmu-headers (2:1.1.2-2) ...
Selecting previously unselected package libxmu-dev:amd64.
Preparing to unpack .../libxmu-dev_2%3a1.1.2-2_amd64.deb ...
Unpacking libxmu-dev:amd64 (2:1.1.2-2) ...
Selecting previously unselected package libxi-dev.
Preparing to unpack .../libxi-dev_2%3a1.7.6-1_amd64.deb ...
Unpacking libxi-dev (2:1.7.6-1) ...
Selecting previously unselected package cuda-samples-9-2.
Preparing to unpack .../cuda-samples-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-samples-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-documentation-9-2.
Preparing to unpack .../cuda-documentation-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-documentation-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-libraries-dev-9-2.
Preparing to unpack .../cuda-libraries-dev-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-libraries-dev-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-toolkit-9-2.
Preparing to unpack .../cuda-toolkit-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-toolkit-9-2 (9.2.88-1) ...
Selecting previously unselected package libc6-i386.
Preparing to unpack .../libc6-i386_2.23-0ubuntu10_amd64.deb ...
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Unpacking libc6-i386 (2.23-0ubuntu10) ...
Selecting previously unselected package lib32gcc1.
Preparing to unpack .../lib32gcc1_1%3a6.0.1-0ubuntu1_amd64.deb ...
Unpacking lib32gcc1 (1:6.0.1-0ubuntu1) ...
Selecting previously unselected package libxaw7:amd64.
Preparing to unpack .../libxaw7_2%3a1.0.13-1_amd64.deb ...
Unpacking libxaw7:amd64 (2:1.0.13-1) ...
Selecting previously unselected package libxkbfile1:amd64.
Preparing to unpack .../libxkbfile1_1%3a1.0.9-0ubuntu1_amd64.deb ...
Unpacking libxkbfile1:amd64 (1:1.0.9-0ubuntu1) ...
Selecting previously unselected package x11-xkb-utils.
Preparing to unpack .../x11-xkb-utils_7.7+2_amd64.deb ...
Unpacking x11-xkb-utils (7.7+2) ...
Selecting previously unselected package xserver-common.
Preparing to unpack .../xserver-common_2%3a1.18.4-0ubuntu0.7_all.deb ...
Unpacking xserver-common (2:1.18.4-0ubuntu0.7) ...
Selecting previously unselected package xserver-xorg-legacy.
Preparing to unpack .../xserver-xorg-legacy_2%3a1.18.4-0ubuntu0.7_amd64.deb ...
Unpacking xserver-xorg-legacy (2:1.18.4-0ubuntu0.7) ...
Selecting previously unselected package libfontenc1:amd64.
Preparing to unpack .../libfontenc1_1%3a1.1.3-1_amd64.deb ...
Unpacking libfontenc1:amd64 (1:1.1.3-1) ...
Selecting previously unselected package libxfont1:amd64.
Preparing to unpack .../libxfont1_1%3a1.5.1-1ubuntu0.16.04.4_amd64.deb ...
Unpacking libxfont1:amd64 (1:1.5.1-1ubuntu0.16.04.4) ...
Selecting previously unselected package xserver-xorg-core.
Preparing to unpack .../xserver-xorg-core_2%3a1.18.4-0ubuntu0.7_amd64.deb ...
Unpacking xserver-xorg-core (2:1.18.4-0ubuntu0.7) ...
Selecting previously unselected package nvidia-396.
Preparing to unpack .../nvidia-396_396.26-0ubuntu1_amd64.deb ...

ERROR: File '/usr/lib/xorg/modules/extensions/libglx.so' is not a symbolic
       link.


ERROR: File '/usr/lib/xorg/modules/libwfb.so' is not a symbolic link.


WARNING: Your driver installation has been altered since it was initially
         installed; this may happen, for example, if you have since installed
         the NVIDIA driver through a mechanism other than nvidia-installer
         (such as your distribution's native package management system).
         nvidia-installer will attempt to uninstall as best it can.  Please see
         the file '/var/log/nvidia-uninstall.log' for details.


WARNING: Failed to delete some directories. See /var/log/nvidia-uninstall.log
         for details.

Unpacking nvidia-396 (396.26-0ubuntu1) ...
Selecting previously unselected package nvidia-396-dev.
Preparing to unpack .../nvidia-396-dev_396.26-0ubuntu1_amd64.deb ...
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Unpacking nvidia-396-dev (396.26-0ubuntu1) ...
Selecting previously unselected package libcuda1-396.
Preparing to unpack .../libcuda1-396_396.26-0ubuntu1_amd64.deb ...
Unpacking libcuda1-396 (396.26-0ubuntu1) ...
Selecting previously unselected package nvidia-modprobe.
Preparing to unpack .../nvidia-modprobe_396.26-0ubuntu1_amd64.deb ...
Unpacking nvidia-modprobe (396.26-0ubuntu1) ...
Selecting previously unselected package pkg-config.
Preparing to unpack .../pkg-config_0.29.1-0ubuntu1_amd64.deb ...
Unpacking pkg-config (0.29.1-0ubuntu1) ...
Selecting previously unselected package python3-xkit.
Preparing to unpack .../python3-xkit_0.5.0ubuntu2_all.deb ...
Unpacking python3-xkit (0.5.0ubuntu2) ...
Selecting previously unselected package policykit-1-gnome.
Preparing to unpack .../policykit-1-gnome_0.105-2ubuntu2_amd64.deb ...
Unpacking policykit-1-gnome (0.105-2ubuntu2) ...
Selecting previously unselected package screen-resolution-extra.
Preparing to unpack .../screen-resolution-extra_0.17.1.1~16.04.1_all.deb ...
Unpacking screen-resolution-extra (0.17.1.1~16.04.1) ...
Selecting previously unselected package libvdpau1:amd64.
Preparing to unpack .../libvdpau1_1.1.1-3ubuntu1_amd64.deb ...
Unpacking libvdpau1:amd64 (1.1.1-3ubuntu1) ...
Selecting previously unselected package libjansson4:amd64.
Preparing to unpack .../libjansson4_2.7-3_amd64.deb ...
Unpacking libjansson4:amd64 (2.7-3) ...
Selecting previously unselected package libxnvctrl0.
Preparing to unpack .../libxnvctrl0_396.26-0ubuntu1_amd64.deb ...
Unpacking libxnvctrl0 (396.26-0ubuntu1) ...
Selecting previously unselected package nvidia-settings.
Preparing to unpack .../nvidia-settings_396.26-0ubuntu1_amd64.deb ...
Unpacking nvidia-settings (396.26-0ubuntu1) ...
Selecting previously unselected package ocl-icd-libopencl1:amd64.
Preparing to unpack .../ocl-icd-libopencl1_2.2.8-1_amd64.deb ...
Unpacking ocl-icd-libopencl1:amd64 (2.2.8-1) ...
Selecting previously unselected package nvidia-opencl-icd-396.
Preparing to unpack .../nvidia-opencl-icd-396_396.26-0ubuntu1_amd64.deb ...
Unpacking nvidia-opencl-icd-396 (396.26-0ubuntu1) ...
Selecting previously unselected package cuda-drivers.
Preparing to unpack .../cuda-drivers_396.26-1_amd64.deb ...
Unpacking cuda-drivers (396.26-1) ...
Selecting previously unselected package cuda-libraries-9-2.
Preparing to unpack .../cuda-libraries-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-libraries-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-runtime-9-2.
Preparing to unpack .../cuda-runtime-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-runtime-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-demo-suite-9-2.
Preparing to unpack .../cuda-demo-suite-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-demo-suite-9-2 (9.2.88-1) ...
Selecting previously unselected package cuda-9-2.
Preparing to unpack ..././cuda-9-2_9.2.88-1_amd64.deb ...
Unpacking cuda-9-2 (9.2.88-1) ...
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Selecting previously unselected package cuda.
Preparing to unpack ..././cuda_9.2.88-1_amd64.deb ...
Unpacking cuda (9.2.88-1) ...
Selecting previously unselected package dconf-cli.
Preparing to unpack .../dconf-cli_0.24.0-2_amd64.deb ...
Unpacking dconf-cli (0.24.0-2) ...
Selecting previously unselected package desktop-file-utils.
Preparing to unpack .../desktop-file-utils_0.22-1ubuntu5.1_amd64.deb ...
Unpacking desktop-file-utils (0.22-1ubuntu5.1) ...
Selecting previously unselected package diffstat.
Preparing to unpack .../diffstat_1.61-1_amd64.deb ...
Unpacking diffstat (1.61-1) ...
Selecting previously unselected package hunspell-en-us.
Preparing to unpack .../hunspell-en-us_20070829-6ubuntu3_all.deb ...
Unpacking hunspell-en-us (20070829-6ubuntu3) ...
Selecting previously unselected package libhunspell-1.3-0:amd64.
Preparing to unpack .../libhunspell-1.3-0_1.3.3-4ubuntu1_amd64.deb ...
Unpacking libhunspell-1.3-0:amd64 (1.3.3-4ubuntu1) ...
Selecting previously unselected package libenchant1c2a:amd64.
Preparing to unpack .../libenchant1c2a_1.6.0-10.1build2_amd64.deb ...
Unpacking libenchant1c2a:amd64 (1.6.0-10.1build2) ...
Selecting previously unselected package enchant.
Preparing to unpack .../enchant_1.6.0-10.1build2_amd64.deb ...
Unpacking enchant (1.6.0-10.1build2) ...
Selecting previously unselected package libical1a:amd64.
Preparing to unpack .../libical1a_1.0.1-0ubuntu2_amd64.deb ...
Unpacking libical1a:amd64 (1.0.1-0ubuntu2) ...
Selecting previously unselected package libecal-1.2-19:amd64.
Preparing to unpack .../libecal-1.2-19_3.18.5-1ubuntu1_amd64.deb ...
Unpacking libecal-1.2-19:amd64 (3.18.5-1ubuntu1) ...
Selecting previously unselected package libedata-cal-1.2-28:amd64.
Preparing to unpack .../libedata-cal-1.2-28_3.18.5-1ubuntu1_amd64.deb ...
Unpacking libedata-cal-1.2-28:amd64 (3.18.5-1ubuntu1) ...
Selecting previously unselected package libgoa-1.0-common.
Preparing to unpack .../libgoa-1.0-common_3.18.3-1ubuntu2_all.deb ...
Unpacking libgoa-1.0-common (3.18.3-1ubuntu2) ...
Selecting previously unselected package libgoa-1.0-0b:amd64.
Preparing to unpack .../libgoa-1.0-0b_3.18.3-1ubuntu2_amd64.deb ...
Unpacking libgoa-1.0-0b:amd64 (3.18.3-1ubuntu2) ...
Selecting previously unselected package liboauth0:amd64.
Preparing to unpack .../liboauth0_1.0.3-0ubuntu2_amd64.deb ...
Unpacking liboauth0:amd64 (1.0.3-0ubuntu2) ...
Selecting previously unselected package libgdata-common.
Preparing to unpack .../libgdata-common_0.17.4-1_all.deb ...
Unpacking libgdata-common (0.17.4-1) ...
Selecting previously unselected package libgdata22:amd64.
Preparing to unpack .../libgdata22_0.17.4-1_amd64.deb ...
Unpacking libgdata22:amd64 (0.17.4-1) ...
Selecting previously unselected package libgeocode-glib0:amd64.
Preparing to unpack .../libgeocode-glib0_3.18.2-1_amd64.deb ...
Unpacking libgeocode-glib0:amd64 (3.18.2-1) ...
Selecting previously unselected package libgweather-common.
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Preparing to unpack .../libgweather-common_3.18.2-0ubuntu0.2_all.deb ...
Unpacking libgweather-common (3.18.2-0ubuntu0.2) ...
Selecting previously unselected package libgweather-3-6:amd64.
Preparing to unpack .../libgweather-3-6_3.18.2-0ubuntu0.2_amd64.deb ...
Unpacking libgweather-3-6:amd64 (3.18.2-0ubuntu0.2) ...
Selecting previously unselected package evolution-data-server.
Preparing to unpack .../evolution-data-server_3.18.5-1ubuntu1_amd64.deb ...
Unpacking evolution-data-server (3.18.5-1ubuntu1) ...
Selecting previously unselected package libaccounts-glib0:amd64.
Preparing to unpack .../libaccounts-glib0_1.21+16.04.20160222-0ubuntu1_amd64.deb
 ...
Unpacking libaccounts-glib0:amd64 (1.21+16.04.20160222-0ubuntu1) ...
Selecting previously unselected package evolution-data-server-online-accounts.
Preparing to unpack .../evolution-data-server-online-accounts_3.18.5-1ubuntu1_am
d64.deb ...
Unpacking evolution-data-server-online-accounts (3.18.5-1ubuntu1) ...
Selecting previously unselected package fonts-dejavu-extra.
Preparing to unpack .../fonts-dejavu-extra_2.35-1_all.deb ...
Unpacking fonts-dejavu-extra (2.35-1) ...
Selecting previously unselected package libnm-util2:amd64.
Preparing to unpack .../libnm-util2_1.2.6-0ubuntu0.16.04.2_amd64.deb ...
Unpacking libnm-util2:amd64 (1.2.6-0ubuntu0.16.04.2) ...
Selecting previously unselected package libnm-glib4:amd64.
Preparing to unpack .../libnm-glib4_1.2.6-0ubuntu0.16.04.2_amd64.deb ...
Unpacking libnm-glib4:amd64 (1.2.6-0ubuntu0.16.04.2) ...
Selecting previously unselected package geoclue.
Preparing to unpack .../geoclue_0.12.99-4ubuntu1_amd64.deb ...
Unpacking geoclue (0.12.99-4ubuntu1) ...
Selecting previously unselected package geoclue-ubuntu-geoip.
Preparing to unpack .../geoclue-ubuntu-geoip_1.0.2+14.04.20131125-0ubuntu2_amd64
.deb ...
Unpacking geoclue-ubuntu-geoip (1.0.2+14.04.20131125-0ubuntu2) ...
Selecting previously unselected package gettext.
Preparing to unpack .../gettext_0.19.7-2ubuntu3_amd64.deb ...
Unpacking gettext (0.19.7-2ubuntu3) ...
Selecting previously unselected package gir1.2-atk-1.0.
Preparing to unpack .../gir1.2-atk-1.0_2.18.0-1_amd64.deb ...
Unpacking gir1.2-atk-1.0 (2.18.0-1) ...
Selecting previously unselected package gir1.2-freedesktop:amd64.
Preparing to unpack .../gir1.2-freedesktop_1.46.0-3ubuntu1_amd64.deb ...
Unpacking gir1.2-freedesktop:amd64 (1.46.0-3ubuntu1) ...
Selecting previously unselected package gir1.2-gdkpixbuf-2.0:amd64.
Preparing to unpack .../gir1.2-gdkpixbuf-2.0_2.32.2-1ubuntu1.4_amd64.deb ...
Unpacking gir1.2-gdkpixbuf-2.0:amd64 (2.32.2-1ubuntu1.4) ...
Selecting previously unselected package gir1.2-gnomekeyring-1.0.
Preparing to unpack .../gir1.2-gnomekeyring-1.0_3.12.0-1build1_amd64.deb ...
Unpacking gir1.2-gnomekeyring-1.0 (3.12.0-1build1) ...
Selecting previously unselected package libpangoxft-1.0-0:amd64.
Preparing to unpack .../libpangoxft-1.0-0_1.38.1-1_amd64.deb ...
Unpacking libpangoxft-1.0-0:amd64 (1.38.1-1) ...
Selecting previously unselected package gir1.2-pango-1.0:amd64.
Preparing to unpack .../gir1.2-pango-1.0_1.38.1-1_amd64.deb ...
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Unpacking gir1.2-pango-1.0:amd64 (1.38.1-1) ...
Selecting previously unselected package gir1.2-gtk-3.0:amd64.
Preparing to unpack .../gir1.2-gtk-3.0_3.18.9-1ubuntu3.3_amd64.deb ...
Unpacking gir1.2-gtk-3.0:amd64 (3.18.9-1ubuntu3.3) ...
Selecting previously unselected package libibus-1.0-5:amd64.
Preparing to unpack .../libibus-1.0-5_1.5.11-1ubuntu2.1_amd64.deb ...
Unpacking libibus-1.0-5:amd64 (1.5.11-1ubuntu2.1) ...
Selecting previously unselected package gir1.2-ibus-1.0:amd64.
Preparing to unpack .../gir1.2-ibus-1.0_1.5.11-1ubuntu2.1_amd64.deb ...
Unpacking gir1.2-ibus-1.0:amd64 (1.5.11-1ubuntu2.1) ...
Selecting previously unselected package gir1.2-notify-0.7.
Preparing to unpack .../gir1.2-notify-0.7_0.7.6-2svn1_amd64.deb ...
Unpacking gir1.2-notify-0.7 (0.7.6-2svn1) ...
Selecting previously unselected package libpackagekit-glib2-16:amd64.
Preparing to unpack .../libpackagekit-glib2-16_0.8.17-4ubuntu6~gcc5.4ubuntu1.2_a
md64.deb ...
Unpacking libpackagekit-glib2-16:amd64 (0.8.17-4ubuntu6~gcc5.4ubuntu1.2) ...
Selecting previously unselected package gir1.2-packagekitglib-1.0.
Preparing to unpack .../gir1.2-packagekitglib-1.0_0.8.17-4ubuntu6~gcc5.4ubuntu1.
2_amd64.deb ...
Unpacking gir1.2-packagekitglib-1.0 (0.8.17-4ubuntu6~gcc5.4ubuntu1.2) ...
Selecting previously unselected package libgnomekbd-common.
Preparing to unpack .../libgnomekbd-common_3.6.0-1ubuntu2_all.deb ...
Unpacking libgnomekbd-common (3.6.0-1ubuntu2) ...
Selecting previously unselected package libxklavier16:amd64.
Preparing to unpack .../libxklavier16_5.4-0ubuntu2_amd64.deb ...
Unpacking libxklavier16:amd64 (5.4-0ubuntu2) ...
Selecting previously unselected package libgnomekbd8:amd64.
Preparing to unpack .../libgnomekbd8_3.6.0-1ubuntu2_amd64.deb ...
Unpacking libgnomekbd8:amd64 (3.6.0-1ubuntu2) ...
Selecting previously unselected package gkbd-capplet.
Preparing to unpack .../gkbd-capplet_3.6.0-1ubuntu2_amd64.deb ...
Unpacking gkbd-capplet (3.6.0-1ubuntu2) ...
Selecting previously unselected package libvorbisfile3:amd64.
Preparing to unpack .../libvorbisfile3_1.3.5-3ubuntu0.2_amd64.deb ...
Unpacking libvorbisfile3:amd64 (1.3.5-3ubuntu0.2) ...
Selecting previously unselected package sound-theme-freedesktop.
Preparing to unpack .../sound-theme-freedesktop_0.8-1_all.deb ...
Unpacking sound-theme-freedesktop (0.8-1) ...
Selecting previously unselected package libcanberra0:amd64.
Preparing to unpack .../libcanberra0_0.30-2.1ubuntu1_amd64.deb ...
Unpacking libcanberra0:amd64 (0.30-2.1ubuntu1) ...
Selecting previously unselected package libcanberra-gtk3-0:amd64.
Preparing to unpack .../libcanberra-gtk3-0_0.30-2.1ubuntu1_amd64.deb ...
Unpacking libcanberra-gtk3-0:amd64 (0.30-2.1ubuntu1) ...
Selecting previously unselected package libgnome-bluetooth13:amd64.
Preparing to unpack .../libgnome-bluetooth13_3.18.2-1ubuntu2_amd64.deb ...
Unpacking libgnome-bluetooth13:amd64 (3.18.2-1ubuntu2) ...
Selecting previously unselected package gnome-bluetooth.
Preparing to unpack .../gnome-bluetooth_3.18.2-1ubuntu2_amd64.deb ...
Unpacking gnome-bluetooth (3.18.2-1ubuntu2) ...
Selecting previously unselected package gnome-desktop3-data.
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Preparing to unpack .../gnome-desktop3-data_3.18.2-1ubuntu1_all.deb ...
Unpacking gnome-desktop3-data (3.18.2-1ubuntu1) ...
Selecting previously unselected package gnome-menus.
Preparing to unpack .../gnome-menus_3.13.3-6ubuntu3.1_amd64.deb ...
Unpacking gnome-menus (3.13.3-6ubuntu3.1) ...
Selecting previously unselected package libupower-glib3:amd64.
Preparing to unpack .../libupower-glib3_0.99.4-2ubuntu0.3_amd64.deb ...
Unpacking libupower-glib3:amd64 (0.99.4-2ubuntu0.3) ...
Selecting previously unselected package libplist3:amd64.
Preparing to unpack .../libplist3_1.12-3.1ubuntu0.16.04.1_amd64.deb ...
Unpacking libplist3:amd64 (1.12-3.1ubuntu0.16.04.1) ...
Selecting previously unselected package libusbmuxd4:amd64.
Preparing to unpack .../libusbmuxd4_1.0.10-2ubuntu0.1_amd64.deb ...
Unpacking libusbmuxd4:amd64 (1.0.10-2ubuntu0.1) ...
Selecting previously unselected package libimobiledevice6:amd64.
Preparing to unpack .../libimobiledevice6_1.2.0+dfsg-3~ubuntu0.2_amd64.deb ...
Unpacking libimobiledevice6:amd64 (1.2.0+dfsg-3~ubuntu0.2) ...
Selecting previously unselected package upower.
Preparing to unpack .../upower_0.99.4-2ubuntu0.3_amd64.deb ...
Unpacking upower (0.99.4-2ubuntu0.3) ...
Selecting previously unselected package gnome-settings-daemon-schemas.
Preparing to unpack .../gnome-settings-daemon-schemas_3.18.2-0ubuntu3.1_all.deb
...
Unpacking gnome-settings-daemon-schemas (3.18.2-0ubuntu3.1) ...
Selecting previously unselected package gnome-power-manager.
Preparing to unpack .../gnome-power-manager_3.18.0-1ubuntu1_amd64.deb ...
Unpacking gnome-power-manager (3.18.0-1ubuntu1) ...
Selecting previously unselected package libgnome-desktop-3-12:amd64.
Preparing to unpack .../libgnome-desktop-3-12_3.18.2-1ubuntu1_amd64.deb ...
Unpacking libgnome-desktop-3-12:amd64 (3.18.2-1ubuntu1) ...
Selecting previously unselected package gnome-screensaver.
Preparing to unpack .../gnome-screensaver_3.6.1-7ubuntu4_amd64.deb ...
Unpacking gnome-screensaver (3.6.1-7ubuntu4) ...
Selecting previously unselected package gnome-session-bin.
Preparing to unpack .../gnome-session-bin_3.18.1.2-1ubuntu1.16.04.2_amd64.deb ..
.
Unpacking gnome-session-bin (3.18.1.2-1ubuntu1.16.04.2) ...
Selecting previously unselected package libjavascriptcoregtk-4.0-18:amd64.
Preparing to unpack .../libjavascriptcoregtk-4.0-18_2.20.2-0ubuntu0.16.04.1_amd6
4.deb ...
Unpacking libjavascriptcoregtk-4.0-18:amd64 (2.20.2-0ubuntu0.16.04.1) ...
Selecting previously unselected package libharfbuzz-icu0:amd64.
Preparing to unpack .../libharfbuzz-icu0_1.0.1-1ubuntu0.1_amd64.deb ...
Unpacking libharfbuzz-icu0:amd64 (1.0.1-1ubuntu0.1) ...
Selecting previously unselected package libhyphen0:amd64.
Preparing to unpack .../libhyphen0_2.8.8-2ubuntu1_amd64.deb ...
Unpacking libhyphen0:amd64 (2.8.8-2ubuntu1) ...
Selecting previously unselected package libwebpdemux1:amd64.
Preparing to unpack .../libwebpdemux1_0.4.4-1_amd64.deb ...
Unpacking libwebpdemux1:amd64 (0.4.4-1) ...
Selecting previously unselected package libwebkit2gtk-4.0-37:amd64.
Preparing to unpack .../libwebkit2gtk-4.0-37_2.20.2-0ubuntu0.16.04.1_amd64.deb .
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..
Unpacking libwebkit2gtk-4.0-37:amd64 (2.20.2-0ubuntu0.16.04.1) ...
Selecting previously unselected package libyelp0:amd64.
Preparing to unpack .../libyelp0_3.18.1-1ubuntu4_amd64.deb ...
Unpacking libyelp0:amd64 (3.18.1-1ubuntu4) ...
Selecting previously unselected package yelp-xsl.
Preparing to unpack .../yelp-xsl_3.18.1-1_all.deb ...
Unpacking yelp-xsl (3.18.1-1) ...
Selecting previously unselected package yelp.
Preparing to unpack .../yelp_3.18.1-1ubuntu4_amd64.deb ...
Unpacking yelp (3.18.1-1ubuntu4) ...
Selecting previously unselected package gnome-user-guide.
Preparing to unpack .../gnome-user-guide_3.18.1-1_all.deb ...
Unpacking gnome-user-guide (3.18.1-1) ...
Selecting previously unselected package libnautilus-extension1a:amd64.
Preparing to unpack .../libnautilus-extension1a_1%3a3.18.4.is.3.14.3-0ubuntu6_am
d64.deb ...
Unpacking libnautilus-extension1a:amd64 (1:3.18.4.is.3.14.3-0ubuntu6) ...
Selecting previously unselected package gnome-user-share.
Preparing to unpack .../gnome-user-share_3.14.2-2ubuntu4_amd64.deb ...
Unpacking gnome-user-share (3.14.2-2ubuntu4) ...
Selecting previously unselected package gsettings-ubuntu-schemas.
Preparing to unpack .../gsettings-ubuntu-schemas_0.0.5+16.04.20160307-0ubuntu1_a
ll.deb ...
Unpacking gsettings-ubuntu-schemas (0.0.5+16.04.20160307-0ubuntu1) ...
Selecting previously unselected package libcogl20:amd64.
Preparing to unpack .../libcogl20_1.22.0-2_amd64.deb ...
Unpacking libcogl20:amd64 (1.22.0-2) ...
Selecting previously unselected package libcogl-pango20:amd64.
Preparing to unpack .../libcogl-pango20_1.22.0-2_amd64.deb ...
Unpacking libcogl-pango20:amd64 (1.22.0-2) ...
Selecting previously unselected package libcogl-path20:amd64.
Preparing to unpack .../libcogl-path20_1.22.0-2_amd64.deb ...
Unpacking libcogl-path20:amd64 (1.22.0-2) ...
Selecting previously unselected package libclutter-1.0-0:amd64.
Preparing to unpack .../libclutter-1.0-0_1.24.2-1_amd64.deb ...
Unpacking libclutter-1.0-0:amd64 (1.24.2-1) ...
Selecting previously unselected package libclutter-gst-3.0-0:amd64.
Preparing to unpack .../libclutter-gst-3.0-0_3.0.18-1_amd64.deb ...
Unpacking libclutter-gst-3.0-0:amd64 (3.0.18-1) ...
Selecting previously unselected package gstreamer1.0-clutter-3.0.
Preparing to unpack .../gstreamer1.0-clutter-3.0_3.0.18-1_amd64.deb ...
Unpacking gstreamer1.0-clutter-3.0 (3.0.18-1) ...
Selecting previously unselected package libopus0:amd64.
Preparing to unpack .../libopus0_1.1.2-1ubuntu1_amd64.deb ...
Unpacking libopus0:amd64 (1.1.2-1ubuntu1) ...
Selecting previously unselected package libvisual-0.4-0:amd64.
Preparing to unpack .../libvisual-0.4-0_0.4.0-8_amd64.deb ...
Unpacking libvisual-0.4-0:amd64 (0.4.0-8) ...
Selecting previously unselected package gstreamer1.0-plugins-base:amd64.
Preparing to unpack .../gstreamer1.0-plugins-base_1.8.3-1ubuntu0.2_amd64.deb ...
Unpacking gstreamer1.0-plugins-base:amd64 (1.8.3-1ubuntu0.2) ...
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Selecting previously unselected package libaa1:amd64.
Preparing to unpack .../libaa1_1.4p5-44build1_amd64.deb ...
Unpacking libaa1:amd64 (1.4p5-44build1) ...
Selecting previously unselected package libavc1394-0:amd64.
Preparing to unpack .../libavc1394-0_0.5.4-4_amd64.deb ...
Unpacking libavc1394-0:amd64 (0.5.4-4) ...
Selecting previously unselected package libcaca0:amd64.
Preparing to unpack .../libcaca0_0.99.beta19-2build2~gcc5.2_amd64.deb ...
Unpacking libcaca0:amd64 (0.99.beta19-2build2~gcc5.2) ...
Selecting previously unselected package libdv4:amd64.
Preparing to unpack .../libdv4_1.0.0-7_amd64.deb ...
Unpacking libdv4:amd64 (1.0.0-7) ...
Selecting previously unselected package libgstreamer-plugins-good1.0-0:amd64.
Preparing to unpack .../libgstreamer-plugins-good1.0-0_1.8.3-1ubuntu0.4_amd64.de
b ...
Unpacking libgstreamer-plugins-good1.0-0:amd64 (1.8.3-1ubuntu0.4) ...
Selecting previously unselected package libjack-jackd2-0:amd64.
Preparing to unpack .../libjack-jackd2-0_1.9.10+20150825git1ed50c92~dfsg-1ubuntu
1_amd64.deb ...
Unpacking libjack-jackd2-0:amd64 (1.9.10+20150825git1ed50c92~dfsg-1ubuntu1) ...
Selecting previously unselected package libtag1v5-vanilla:amd64.
Preparing to unpack .../libtag1v5-vanilla_1.9.1-2.4ubuntu1_amd64.deb ...
Unpacking libtag1v5-vanilla:amd64 (1.9.1-2.4ubuntu1) ...
Selecting previously unselected package libtag1v5:amd64.
Preparing to unpack .../libtag1v5_1.9.1-2.4ubuntu1_amd64.deb ...
Unpacking libtag1v5:amd64 (1.9.1-2.4ubuntu1) ...
Selecting previously unselected package libv4lconvert0:amd64.
Preparing to unpack .../libv4lconvert0_1.10.0-1_amd64.deb ...
Unpacking libv4lconvert0:amd64 (1.10.0-1) ...
Selecting previously unselected package libv4l-0:amd64.
Preparing to unpack .../libv4l-0_1.10.0-1_amd64.deb ...
Unpacking libv4l-0:amd64 (1.10.0-1) ...
Selecting previously unselected package libwavpack1:amd64.
Preparing to unpack .../libwavpack1_4.75.2-2ubuntu0.1_amd64.deb ...
Unpacking libwavpack1:amd64 (4.75.2-2ubuntu0.1) ...
Selecting previously unselected package gstreamer1.0-plugins-good:amd64.
Preparing to unpack .../gstreamer1.0-plugins-good_1.8.3-1ubuntu0.4_amd64.deb ...
Unpacking gstreamer1.0-plugins-good:amd64 (1.8.3-1ubuntu0.4) ...
Selecting previously unselected package gstreamer1.0-x:amd64.
Preparing to unpack .../gstreamer1.0-x_1.8.3-1ubuntu0.2_amd64.deb ...
Unpacking gstreamer1.0-x:amd64 (1.8.3-1ubuntu0.2) ...
Selecting previously unselected package libudisks2-0:amd64.
Preparing to unpack .../libudisks2-0_2.1.7-1ubuntu1_amd64.deb ...
Unpacking libudisks2-0:amd64 (2.1.7-1ubuntu1) ...
Selecting previously unselected package x11-utils.
Preparing to unpack .../x11-utils_7.7+3_amd64.deb ...
Unpacking x11-utils (7.7+3) ...
Selecting previously unselected package udisks2.
Preparing to unpack .../udisks2_2.1.7-1ubuntu1_amd64.deb ...
Unpacking udisks2 (2.1.7-1ubuntu1) ...
Selecting previously unselected package gvfs-common.
Preparing to unpack .../gvfs-common_1.28.2-1ubuntu1~16.04.2_all.deb ...
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Unpacking gvfs-common (1.28.2-1ubuntu1~16.04.2) ...
Selecting previously unselected package gvfs-libs:amd64.
Preparing to unpack .../gvfs-libs_1.28.2-1ubuntu1~16.04.2_amd64.deb ...
Unpacking gvfs-libs:amd64 (1.28.2-1ubuntu1~16.04.2) ...
Selecting previously unselected package gvfs-daemons.
Preparing to unpack .../gvfs-daemons_1.28.2-1ubuntu1~16.04.2_amd64.deb ...
Unpacking gvfs-daemons (1.28.2-1ubuntu1~16.04.2) ...
Selecting previously unselected package gvfs:amd64.
Preparing to unpack .../gvfs_1.28.2-1ubuntu1~16.04.2_amd64.deb ...
Unpacking gvfs:amd64 (1.28.2-1ubuntu1~16.04.2) ...
Selecting previously unselected package libavahi-glib1:amd64.
Preparing to unpack .../libavahi-glib1_0.6.32~rc+dfsg-1ubuntu2.2_amd64.deb ...
Unpacking libavahi-glib1:amd64 (0.6.32~rc+dfsg-1ubuntu2.2) ...
Selecting previously unselected package libcdio13:amd64.
Preparing to unpack .../libcdio13_0.83-4.2ubuntu1_amd64.deb ...
Unpacking libcdio13:amd64 (0.83-4.2ubuntu1) ...
Selecting previously unselected package libcdio-cdda1:amd64.
Preparing to unpack .../libcdio-cdda1_0.83-4.2ubuntu1_amd64.deb ...
Unpacking libcdio-cdda1:amd64 (0.83-4.2ubuntu1) ...
Selecting previously unselected package libcdio-paranoia1:amd64.
Preparing to unpack .../libcdio-paranoia1_0.83-4.2ubuntu1_amd64.deb ...
Unpacking libcdio-paranoia1:amd64 (0.83-4.2ubuntu1) ...
Selecting previously unselected package gvfs-backends.
Preparing to unpack .../gvfs-backends_1.28.2-1ubuntu1~16.04.2_amd64.deb ...
Unpacking gvfs-backends (1.28.2-1ubuntu1~16.04.2) ...
Selecting previously unselected package hwdata.
Preparing to unpack .../hwdata_0.267-1_all.deb ...
Unpacking hwdata (0.267-1) ...
Selecting previously unselected package ibus.
Preparing to unpack .../ibus_1.5.11-1ubuntu2.1_amd64.deb ...
Unpacking ibus (1.5.11-1ubuntu2.1) ...
Selecting previously unselected package ibus-gtk:amd64.
Preparing to unpack .../ibus-gtk_1.5.11-1ubuntu2.1_amd64.deb ...
Unpacking ibus-gtk:amd64 (1.5.11-1ubuntu2.1) ...
Selecting previously unselected package ibus-gtk3:amd64.
Preparing to unpack .../ibus-gtk3_1.5.11-1ubuntu2.1_amd64.deb ...
Unpacking ibus-gtk3:amd64 (1.5.11-1ubuntu2.1) ...
Selecting previously unselected package im-config.
Preparing to unpack .../im-config_0.29-1ubuntu12.4_all.deb ...
Unpacking im-config (0.29-1ubuntu12.4) ...
Selecting previously unselected package libido3-0.1-0:amd64.
Preparing to unpack .../libido3-0.1-0_13.10.0+16.04.20161028-0ubuntu1_amd64.deb
...
Unpacking libido3-0.1-0:amd64 (13.10.0+16.04.20161028-0ubuntu1) ...
Selecting previously unselected package libpanel-applet0.
Preparing to unpack .../libpanel-applet0_1%3a3.18.3-0ubuntu0.1_amd64.deb ...
Unpacking libpanel-applet0 (1:3.18.3-0ubuntu0.1) ...
Selecting previously unselected package python3-xdg.
Preparing to unpack .../python3-xdg_0.25-4_all.deb ...
Unpacking python3-xdg (0.25-4) ...
Selecting previously unselected package indicator-applet.
Preparing to unpack .../indicator-applet_12.10.2+15.04.20141127.2-0ubuntu1_amd64
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.deb ...
Unpacking indicator-applet (12.10.2+15.04.20141127.2-0ubuntu1) ...
Selecting previously unselected package liburl-dispatcher1:amd64.
Preparing to unpack .../liburl-dispatcher1_0.1+16.04.20151110-0ubuntu2_amd64.deb
 ...
Unpacking liburl-dispatcher1:amd64 (0.1+16.04.20151110-0ubuntu2) ...
Selecting previously unselected package indicator-datetime.
Preparing to unpack .../indicator-datetime_15.10+16.04.20160406-0ubuntu1_amd64.d
eb ...
Unpacking indicator-datetime (15.10+16.04.20160406-0ubuntu1) ...
Selecting previously unselected package libfcitx-utils0:amd64.
Preparing to unpack .../libfcitx-utils0_1%3a4.2.9.1-1ubuntu1.16.04.2_amd64.deb .
..
Unpacking libfcitx-utils0:amd64 (1:4.2.9.1-1ubuntu1.16.04.2) ...
Selecting previously unselected package libfcitx-gclient0:amd64.
Preparing to unpack .../libfcitx-gclient0_1%3a4.2.9.1-1ubuntu1.16.04.2_amd64.deb
 ...
Unpacking libfcitx-gclient0:amd64 (1:4.2.9.1-1ubuntu1.16.04.2) ...
Selecting previously unselected package libgee-0.8-2:amd64.
Preparing to unpack .../libgee-0.8-2_0.18.0-1_amd64.deb ...
Unpacking libgee-0.8-2:amd64 (0.18.0-1) ...
Selecting previously unselected package liblightdm-gobject-1-0:amd64.
Preparing to unpack .../liblightdm-gobject-1-0_1.18.3-0ubuntu1.1_amd64.deb ...
Unpacking liblightdm-gobject-1-0:amd64 (1.18.3-0ubuntu1.1) ...
Selecting previously unselected package indicator-keyboard.
Preparing to unpack .../indicator-keyboard_0.0.0+16.04.20151125-0ubuntu1_amd64.d
eb ...
Unpacking indicator-keyboard (0.0.0+16.04.20151125-0ubuntu1) ...
Selecting previously unselected package indicator-messages.
Preparing to unpack .../indicator-messages_13.10.1+15.10.20150505-0ubuntu1_amd64
.deb ...
Unpacking indicator-messages (13.10.1+15.10.20150505-0ubuntu1) ...
Selecting previously unselected package indicator-power.
Preparing to unpack .../indicator-power_12.10.6+16.04.20160105-0ubuntu1_amd64.de
b ...
Unpacking indicator-power (12.10.6+16.04.20160105-0ubuntu1) ...
Selecting previously unselected package indicator-session.
Preparing to unpack .../indicator-session_12.10.5+16.04.20160412-0ubuntu1_amd64.
deb ...
Unpacking indicator-session (12.10.5+16.04.20160412-0ubuntu1) ...
Selecting previously unselected package intltool-debian.
Preparing to unpack .../intltool-debian_0.35.0+20060710.4_all.deb ...
Unpacking intltool-debian (0.35.0+20060710.4) ...
Selecting previously unselected package iputils-arping.
Preparing to unpack .../iputils-arping_3%3a20121221-5ubuntu2_amd64.deb ...
Unpacking iputils-arping (3:20121221-5ubuntu2) ...
Selecting previously unselected package libqt5sql5-sqlite:amd64.
Preparing to unpack .../libqt5sql5-sqlite_5.5.1+dfsg-16ubuntu7.5_amd64.deb ...
Unpacking libqt5sql5-sqlite:amd64 (5.5.1+dfsg-16ubuntu7.5) ...
Selecting previously unselected package session-migration.
Preparing to unpack .../session-migration_0.2.3_amd64.deb ...
Unpacking session-migration (0.2.3) ...
```

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Selecting previously unselected package libsignon-extension1:amd64.
Preparing to unpack .../libsignon-extension1_8.58+16.04.20151106-0ubuntu1_amd64.
deb ...
Unpacking libsignon-extension1:amd64 (8.58+16.04.20151106-0ubuntu1) ...
Selecting previously unselected package libsignon-plugins-common1:amd64.
Preparing to unpack .../libsignon-plugins-common1_8.58+16.04.20151106-0ubuntu1_a
md64.deb ...
Unpacking libsignon-plugins-common1:amd64 (8.58+16.04.20151106-0ubuntu1) ...
Selecting previously unselected package signond.
Preparing to unpack .../signond_8.58+16.04.20151106-0ubuntu1_amd64.deb ...
Unpacking signond (8.58+16.04.20151106-0ubuntu1) ...
Selecting previously unselected package libaccount-plugin-1.0-0:amd64.
Preparing to unpack .../libaccount-plugin-1.0-0_0.1.8+16.04.20160201-0ubuntu1_am
d64.deb ...
Unpacking libaccount-plugin-1.0-0:amd64 (0.1.8+16.04.20160201-0ubuntu1) ...
Selecting previously unselected package signon-plugin-oauth2.
Preparing to unpack .../signon-plugin-oauth2_0.23+16.04.20151209-0ubuntu1_amd64.
deb ...
Unpacking signon-plugin-oauth2 (0.23+16.04.20151209-0ubuntu1) ...
Selecting previously unselected package libaccount-plugin-generic-oauth.
Preparing to unpack .../libaccount-plugin-generic-oauth_0.12+16.04.20160126-0ubu
ntu1_amd64.deb ...
Unpacking libaccount-plugin-generic-oauth (0.12+16.04.20160126-0ubuntu1) ...
Selecting previously unselected package libaccount-plugin-google.
Preparing to unpack .../libaccount-plugin-google_0.12+16.04.20160126-0ubuntu1_am
d64.deb ...
Unpacking libaccount-plugin-google (0.12+16.04.20160126-0ubuntu1) ...
Selecting previously unselected package libqt5xml5:amd64.
Preparing to unpack .../libqt5xml5_5.5.1+dfsg-16ubuntu7.5_amd64.deb ...
Unpacking libqt5xml5:amd64 (5.5.1+dfsg-16ubuntu7.5) ...
Selecting previously unselected package libaccounts-qt5-1:amd64.
Preparing to unpack .../libaccounts-qt5-1_1.14+16.04.20151106.1-0ubuntu1_amd64.d
eb ...
Unpacking libaccounts-qt5-1:amd64 (1.14+16.04.20151106.1-0ubuntu1) ...
Selecting previously unselected package libapt-pkg-perl.
Preparing to unpack .../libapt-pkg-perl_0.1.29build7_amd64.deb ...
Unpacking libapt-pkg-perl (0.1.29build7) ...
Selecting previously unselected package libarchive-zip-perl.
Preparing to unpack .../libarchive-zip-perl_1.56-2_all.deb ...
Unpacking libarchive-zip-perl (1.56-2) ...
Selecting previously unselected package libspeexdsp1:amd64.
Preparing to unpack .../libspeexdsp1_1.2~rc1.2-1ubuntu1_amd64.deb ...
Unpacking libspeexdsp1:amd64 (1.2~rc1.2-1ubuntu1) ...
Selecting previously unselected package libasound2-plugins:amd64.
Preparing to unpack .../libasound2-plugins_1.1.0-0ubuntu1_amd64.deb ...
Unpacking libasound2-plugins:amd64 (1.1.0-0ubuntu1) ...
Selecting previously unselected package libasprintf-dev:amd64.
Preparing to unpack .../libasprintf-dev_0.19.7-2ubuntu3_amd64.deb ...
Unpacking libasprintf-dev:amd64 (0.19.7-2ubuntu3) ...
Selecting previously unselected package libbluetooth3:amd64.
Preparing to unpack .../libbluetooth3_5.37-0ubuntu5.1_amd64.deb ...
Unpacking libbluetooth3:amd64 (5.37-0ubuntu5.1) ...
```

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Selecting previously unselected package libwebrtc-audio-processing-0:amd64.
Preparing to unpack .../libwebrtc-audio-processing-0_0.1-3ubuntu1~gcc5.1_amd64.d
eb ...
Unpacking libwebrtc-audio-processing-0:amd64 (0.1-3ubuntu1~gcc5.1) ...
Selecting previously unselected package libpulsedsp:amd64.
Preparing to unpack .../libpulsedsp_1%3a8.0-0ubuntu3.10_amd64.deb ...
Unpacking libpulsedsp:amd64 (1:8.0-0ubuntu3.10) ...
Selecting previously unselected package pulseaudio-utils.
Preparing to unpack .../pulseaudio-utils_1%3a8.0-0ubuntu3.10_amd64.deb ...
Unpacking pulseaudio-utils (1:8.0-0ubuntu3.10) ...
Selecting previously unselected package pulseaudio.
Preparing to unpack .../pulseaudio_1%3a8.0-0ubuntu3.10_amd64.deb ...
Unpacking pulseaudio (1:8.0-0ubuntu3.10) ...
Selecting previously unselected package libcanberra-pulse:amd64.
Preparing to unpack .../libcanberra-pulse_0.30-2.1ubuntu1_amd64.deb ...
Unpacking libcanberra-pulse:amd64 (0.30-2.1ubuntu1) ...
Selecting previously unselected package libhtml-tagset-perl.
Preparing to unpack .../libhtml-tagset-perl_3.20-2_all.deb ...
Unpacking libhtml-tagset-perl (3.20-2) ...
Selecting previously unselected package liburi-perl.
Preparing to unpack .../liburi-perl_1.71-1_all.deb ...
Unpacking liburi-perl (1.71-1) ...
Selecting previously unselected package libhtml-parser-perl.
Preparing to unpack .../libhtml-parser-perl_3.72-1_amd64.deb ...
Unpacking libhtml-parser-perl (3.72-1) ...
Selecting previously unselected package libcgi-pm-perl.
Preparing to unpack .../libcgi-pm-perl_4.26-1_all.deb ...
Unpacking libcgi-pm-perl (4.26-1) ...
Selecting previously unselected package libfcgi-perl.
Preparing to unpack .../libfcgi-perl_0.77-1build1_amd64.deb ...
Unpacking libfcgi-perl (0.77-1build1) ...
Selecting previously unselected package libcgi-fast-perl.
Preparing to unpack .../libcgi-fast-perl_1%3a2.10-1_all.deb ...
Unpacking libcgi-fast-perl (1:2.10-1) ...
Selecting previously unselected package libcgmanager0:amd64.
Preparing to unpack .../libcgmanager0_0.39-2ubuntu5_amd64.deb ...
Unpacking libcgmanager0:amd64 (0.39-2ubuntu5) ...
Selecting previously unselected package libcheese8:amd64.
Preparing to unpack .../libcheese8_3.18.1-2ubuntu3_amd64.deb ...
Unpacking libcheese8:amd64 (3.18.1-2ubuntu3) ...
Selecting previously unselected package libclutter-gtk-1.0-0:amd64.
Preparing to unpack .../libclutter-gtk-1.0-0_1.6.6-1_amd64.deb ...
Unpacking libclutter-gtk-1.0-0:amd64 (1.6.6-1) ...
Selecting previously unselected package libcheese-gtk25:amd64.
Preparing to unpack .../libcheese-gtk25_3.18.1-2ubuntu3_amd64.deb ...
Unpacking libcheese-gtk25:amd64 (3.18.1-2ubuntu3) ...
Selecting previously unselected package libsub-name-perl.
Preparing to unpack .../libsub-name-perl_0.14-1build1_amd64.deb ...
Unpacking libsub-name-perl (0.14-1build1) ...
Selecting previously unselected package libclass-accessor-perl.
Preparing to unpack .../libclass-accessor-perl_0.34-1_all.deb ...
Unpacking libclass-accessor-perl (0.34-1) ...
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Selecting previously unselected package libclone-perl.
Preparing to unpack .../libclone-perl_0.38-1build1_amd64.deb ...
Unpacking libclone-perl (0.38-1build1) ...
Selecting previously unselected package libclutter-1.0-common.
Preparing to unpack .../libclutter-1.0-common_1.24.2-1_all.deb ...
Unpacking libclutter-1.0-common (1.24.2-1) ...
Selecting previously unselected package libcogl-common.
Preparing to unpack .../libcogl-common_1.22.0-2_all.deb ...
Unpacking libcogl-common (1.22.0-2) ...
Selecting previously unselected package libdata-alias-perl.
Preparing to unpack .../libdata-alias-perl_1.20-1build1_amd64.deb ...
Unpacking libdata-alias-perl (1.20-1build1) ...
Selecting previously unselected package libdigest-hmac-perl.
Preparing to unpack .../libdigest-hmac-perl_1.03+dfsg-1_all.deb ...
Unpacking libdigest-hmac-perl (1.03+dfsg-1) ...
Selecting previously unselected package libtimedate-perl.
Preparing to unpack .../libtimedate-perl_2.3000-2_all.deb ...
Unpacking libtimedate-perl (2.3000-2) ...
Selecting previously unselected package libnet-ssleay-perl.
Preparing to unpack .../libnet-ssleay-perl_1.72-1build1_amd64.deb ...
Unpacking libnet-ssleay-perl (1.72-1build1) ...
Selecting previously unselected package libio-socket-ssl-perl.
Preparing to unpack .../libio-socket-ssl-perl_2.024-1_all.deb ...
Unpacking libio-socket-ssl-perl (2.024-1) ...
Selecting previously unselected package libnet-smtp-ssl-perl.
Preparing to unpack .../libnet-smtp-ssl-perl_1.03-1_all.deb ...
Unpacking libnet-smtp-ssl-perl (1.03-1) ...
Selecting previously unselected package libmailtools-perl.
Preparing to unpack .../libmailtools-perl_2.13-1_all.deb ...
Unpacking libmailtools-perl (2.13-1) ...
Selecting previously unselected package libsocket6-perl.
Preparing to unpack .../libsocket6-perl_0.25-1build2_amd64.deb ...
Unpacking libsocket6-perl (0.25-1build2) ...
Selecting previously unselected package libio-socket-inet6-perl.
Preparing to unpack .../libio-socket-inet6-perl_2.72-2_all.deb ...
Unpacking libio-socket-inet6-perl (2.72-2) ...
Selecting previously unselected package libnet-ip-perl.
Preparing to unpack .../libnet-ip-perl_1.26-1_all.deb ...
Unpacking libnet-ip-perl (1.26-1) ...
Selecting previously unselected package libnet-dns-perl.
Preparing to unpack .../libnet-dns-perl_0.81-2build1_amd64.deb ...
Unpacking libnet-dns-perl (0.81-2build1) ...
Selecting previously unselected package libnet-domain-tld-perl.
Preparing to unpack .../libnet-domain-tld-perl_1.73-1_all.deb ...
Unpacking libnet-domain-tld-perl (1.73-1) ...
Selecting previously unselected package libemail-valid-perl.
Preparing to unpack .../libemail-valid-perl_1.198-1_all.deb ...
Unpacking libemail-valid-perl (1.198-1) ...
Selecting previously unselected package libencode-locale-perl.
Preparing to unpack .../libencode-locale-perl_1.05-1_all.deb ...
Unpacking libencode-locale-perl (1.05-1) ...
Selecting previously unselected package libexporter-tiny-perl.
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Preparing to unpack .../libexporter-tiny-perl_0.042-1_all.deb ...
Unpacking libexporter-tiny-perl (0.042-1) ...
Selecting previously unselected package libfcitx-config4:amd64.
Preparing to unpack .../libfcitx-config4_1%3a4.2.9.1-1ubuntu1.16.04.2_amd64.deb
...
Unpacking libfcitx-config4:amd64 (1:4.2.9.1-1ubuntu1.16.04.2) ...
Selecting previously unselected package libipc-system-simple-perl.
Preparing to unpack .../libipc-system-simple-perl_1.25-3_all.deb ...
Unpacking libipc-system-simple-perl (1.25-3) ...
Selecting previously unselected package libfile-basedir-perl.
Preparing to unpack .../libfile-basedir-perl_0.07-1_all.deb ...
Unpacking libfile-basedir-perl (0.07-1) ...
Selecting previously unselected package libgeonames0:amd64.
Preparing to unpack .../libgeonames0_0.2+16.04.20160321-0ubuntu1_amd64.deb ...
Unpacking libgeonames0:amd64 (0.2+16.04.20160321-0ubuntu1) ...
Selecting previously unselected package libgettextpo0:amd64.
Preparing to unpack .../libgettextpo0_0.19.7-2ubuntu3_amd64.deb ...
Unpacking libgettextpo0:amd64 (0.19.7-2ubuntu3) ...
Selecting previously unselected package libgettextpo-dev:amd64.
Preparing to unpack .../libgettextpo-dev_0.19.7-2ubuntu3_amd64.deb ...
Unpacking libgettextpo-dev:amd64 (0.19.7-2ubuntu3) ...
Selecting previously unselected package libgnome-menu-3-0:amd64.
Preparing to unpack .../libgnome-menu-3-0_3.13.3-6ubuntu3.1_amd64.deb ...
Unpacking libgnome-menu-3-0:amd64 (3.13.3-6ubuntu3.1) ...
Selecting previously unselected package libgtop2-common.
Preparing to unpack .../libgtop2-common_2.32.0-1_all.deb ...
Unpacking libgtop2-common (2.32.0-1) ...
Selecting previously unselected package libgtop-2.0-10:amd64.
Preparing to unpack .../libgtop-2.0-10_2.32.0-1_amd64.deb ...
Unpacking libgtop-2.0-10:amd64 (2.32.0-1) ...
Selecting previously unselected package libhttp-date-perl.
Preparing to unpack .../libhttp-date-perl_6.02-1_all.deb ...
Unpacking libhttp-date-perl (6.02-1) ...
Selecting previously unselected package libio-html-perl.
Preparing to unpack .../libio-html-perl_1.001-1_all.deb ...
Unpacking libio-html-perl (1.001-1) ...
Selecting previously unselected package liblwp-mediatypes-perl.
Preparing to unpack .../liblwp-mediatypes-perl_6.02-1_all.deb ...
Unpacking liblwp-mediatypes-perl (6.02-1) ...
Selecting previously unselected package libhttp-message-perl.
Preparing to unpack .../libhttp-message-perl_6.11-1_all.deb ...
Unpacking libhttp-message-perl (6.11-1) ...
Selecting previously unselected package libio-pty-perl.
Preparing to unpack .../libio-pty-perl_1%3a1.08-1.1build1_amd64.deb ...
Unpacking libio-pty-perl (1:1.08-1.1build1) ...
Selecting previously unselected package libio-string-perl.
Preparing to unpack .../libio-string-perl_1.08-3_all.deb ...
Unpacking libio-string-perl (1.08-3) ...
Selecting previously unselected package libipc-run-perl.
Preparing to unpack .../libipc-run-perl_0.94-1_all.deb ...
Unpacking libipc-run-perl (0.94-1) ...
Selecting previously unselected package liblist-moreutils-perl.
```

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Preparing to unpack .../liblist-moreutils-perl_0.413-1build1_amd64.deb ...
Unpacking liblist-moreutils-perl (0.413-1build1) ...
Selecting previously unselected package libmbim-glib4:amd64.
Preparing to unpack .../libmbim-glib4_1.14.0-1ubuntu0.16.04.1_amd64.deb ...
Unpacking libmbim-glib4:amd64 (1.14.0-1ubuntu0.16.04.1) ...
Selecting previously unselected package libmbim-proxy.
Preparing to unpack .../libmbim-proxy_1.14.0-1ubuntu0.16.04.1_amd64.deb ...
Unpacking libmbim-proxy (1.14.0-1ubuntu0.16.04.1) ...
Selecting previously unselected package libmm-glib0:amd64.
Preparing to unpack .../libmm-glib0_1.6.4-1ubuntu0.16.04.1_amd64.deb ...
Unpacking libmm-glib0:amd64 (1.6.4-1ubuntu0.16.04.1) ...
Selecting previously unselected package libmtp-runtime.
Preparing to unpack .../libmtp-runtime_1.1.10-2ubuntu1_amd64.deb ...
Unpacking libmtp-runtime (1.1.10-2ubuntu1) ...
Selecting previously unselected package libndp0:amd64.
Preparing to unpack .../libndp0_1.4-2ubuntu0.16.04.1_amd64.deb ...
Unpacking libndp0:amd64 (1.4-2ubuntu0.16.04.1) ...
Selecting previously unselected package libnet-libidn-perl.
Preparing to unpack .../libnet-libidn-perl_0.12.ds-2build2_amd64.deb ...
Unpacking libnet-libidn-perl (0.12.ds-2build2) ...
Selecting previously unselected package libnm-gtk-common.
Preparing to unpack .../libnm-gtk-common_1.2.6-0ubuntu0.16.04.4_all.deb ...
Unpacking libnm-gtk-common (1.2.6-0ubuntu0.16.04.4) ...
Selecting previously unselected package libnm-gtk0:amd64.
Preparing to unpack .../libnm-gtk0_1.2.6-0ubuntu0.16.04.4_amd64.deb ...
Unpacking libnm-gtk0:amd64 (1.2.6-0ubuntu0.16.04.4) ...
Selecting previously unselected package libnm0:amd64.
Preparing to unpack .../libnm0_1.2.6-0ubuntu0.16.04.2_amd64.deb ...
Unpacking libnm0:amd64 (1.2.6-0ubuntu0.16.04.2) ...
Selecting previously unselected package libnma-common.
Preparing to unpack .../libnma-common_1.2.6-0ubuntu0.16.04.4_all.deb ...
Unpacking libnma-common (1.2.6-0ubuntu0.16.04.4) ...
Selecting previously unselected package libnma0:amd64.
Preparing to unpack .../libnma0_1.2.6-0ubuntu0.16.04.4_amd64.deb ...
Unpacking libnma0:amd64 (1.2.6-0ubuntu0.16.04.4) ...
Selecting previously unselected package libnss-mdns:amd64.
Preparing to unpack .../libnss-mdns_0.10-7_amd64.deb ...
Unpacking libnss-mdns:amd64 (0.10-7) ...
Selecting previously unselected package libparse-debianchangelog-perl.
Preparing to unpack .../libparse-debianchangelog-perl_1.2.0-8_all.deb ...
Unpacking libparse-debianchangelog-perl (1.2.0-8) ...
Selecting previously unselected package libperlio-gzip-perl.
Preparing to unpack .../libperlio-gzip-perl_0.19-1build1_amd64.deb ...
Unpacking libperlio-gzip-perl (0.19-1build1) ...
Selecting previously unselected package libpulse-mainloop-glib0:amd64.
Preparing to unpack .../libpulse-mainloop-glib0_1%3a8.0-0ubuntu3.10_amd64.deb ..
.
Unpacking libpulse-mainloop-glib0:amd64 (1:8.0-0ubuntu3.10) ...
Selecting previously unselected package libpwquality-common.
Preparing to unpack .../libpwquality-common_1.3.0-0ubuntu1_all.deb ...
Unpacking libpwquality-common (1.3.0-0ubuntu1) ...
Selecting previously unselected package libpwquality1:amd64.
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Preparing to unpack .../libpwquality1_1.3.0-0ubuntu1_amd64.deb ...
Unpacking libpwquality1:amd64 (1.3.0-0ubuntu1) ...
Selecting previously unselected package libqmi-glib5:amd64.
Preparing to unpack .../libqmi-glib5_1.16.2-1ubuntu0.16.04.1_amd64.deb ...
Unpacking libqmi-glib5:amd64 (1.16.2-1ubuntu0.16.04.1) ...
Selecting previously unselected package libqmi-proxy.
Preparing to unpack .../libqmi-proxy_1.16.2-1ubuntu0.16.04.1_amd64.deb ...
Unpacking libqmi-proxy (1.16.2-1ubuntu0.16.04.1) ...
Selecting previously unselected package libsignon-qt5-1:amd64.
Preparing to unpack .../libsignon-qt5-1_8.58+16.04.20151106-0ubuntu1_amd64.deb .
..
Unpacking libsignon-qt5-1:amd64 (8.58+16.04.20151106-0ubuntu1) ...
Selecting previously unselected package libtext-levenshtein-perl.
Preparing to unpack .../libtext-levenshtein-perl_0.13-1_all.deb ...
Unpacking libtext-levenshtein-perl (0.13-1) ...
Selecting previously unselected package libtimezonemap-data.
Preparing to unpack .../libtimezonemap-data_0.4.5_all.deb ...
Unpacking libtimezonemap-data (0.4.5) ...
Selecting previously unselected package libtimezonemap1:amd64.
Preparing to unpack .../libtimezonemap1_0.4.5_amd64.deb ...
Unpacking libtimezonemap1:amd64 (0.4.5) ...
Selecting previously unselected package libunity-control-center1.
Preparing to unpack .../libunity-control-center1_15.04.0+16.04.20171130-0ubuntu1
_amd64.deb ...
Unpacking libunity-control-center1 (15.04.0+16.04.20171130-0ubuntu1) ...
Selecting previously unselected package libunity-settings-daemon1:amd64.
Preparing to unpack .../libunity-settings-daemon1_15.04.1+16.04.20160701-0ubuntu
1_amd64.deb ...
Unpacking libunity-settings-daemon1:amd64 (15.04.1+16.04.20160701-0ubuntu1) ...
Selecting previously unselected package libwacom-bin.
Preparing to unpack .../libwacom-bin_0.22-1~ubuntu16.04.1_amd64.deb ...
Unpacking libwacom-bin (0.22-1~ubuntu16.04.1) ...
Selecting previously unselected package libwebkit2gtk-4.0-37-gtk2:amd64.
Preparing to unpack .../libwebkit2gtk-4.0-37-gtk2_2.20.2-0ubuntu0.16.04.1_amd64.
deb ...
Unpacking libwebkit2gtk-4.0-37-gtk2:amd64 (2.20.2-0ubuntu0.16.04.1) ...
Selecting previously unselected package libx11-doc.
Preparing to unpack .../libx11-doc_2%3a1.6.3-1ubuntu2_all.deb ...
Unpacking libx11-doc (2:1.6.3-1ubuntu2) ...
Selecting previously unselected package libyaml-libyaml-perl.
Preparing to unpack .../libyaml-libyaml-perl_0.41-6build1_amd64.deb ...
Unpacking libyaml-libyaml-perl (0.41-6build1) ...
Selecting previously unselected package hardening-includes.
Preparing to unpack .../hardening-includes_2.7ubuntu2_all.deb ...
Unpacking hardening-includes (2.7ubuntu2) ...
Selecting previously unselected package patchutils.
Preparing to unpack .../patchutils_0.3.4-1_amd64.deb ...
Unpacking patchutils (0.3.4-1) ...
Selecting previously unselected package t1utils.
Preparing to unpack .../t1utils_1.39-2_amd64.deb ...
Unpacking t1utils (1.39-2) ...
Selecting previously unselected package lintian.
```

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Preparing to unpack .../lintian_2.5.43ubuntu0.1_all.deb ...
Unpacking lintian (2.5.43ubuntu0.1) ...
Selecting previously unselected package mesa-vdpau-drivers:amd64.
Preparing to unpack .../mesa-vdpau-drivers_17.2.8-0ubuntu0~16.04.1_amd64.deb ...
Unpacking mesa-vdpau-drivers:amd64 (17.2.8-0ubuntu0~16.04.1) ...
Selecting previously unselected package modemmanager.
Preparing to unpack .../modemmanager_1.6.4-1ubuntu0.16.04.1_amd64.deb ...
Unpacking modemmanager (1.6.4-1ubuntu0.16.04.1) ...
Selecting previously unselected package mousetweaks.
Preparing to unpack .../mousetweaks_3.12.0-1ubuntu2_amd64.deb ...
Unpacking mousetweaks (3.12.0-1ubuntu2) ...
Selecting previously unselected package nautilus-data.
Preparing to unpack .../nautilus-data_1%3a3.18.4.is.3.14.3-0ubuntu6_all.deb ...
Unpacking nautilus-data (1:3.18.4.is.3.14.3-0ubuntu6) ...
Selecting previously unselected package wpasupplicant.
Preparing to unpack .../wpasupplicant_2.4-0ubuntu6.2_amd64.deb ...
Unpacking wpasupplicant (2.4-0ubuntu6.2) ...
Selecting previously unselected package network-manager.
Preparing to unpack .../network-manager_1.2.6-0ubuntu0.16.04.2_amd64.deb ...
Unpacking network-manager (1.2.6-0ubuntu0.16.04.2) ...
Selecting previously unselected package network-manager-gnome.
Preparing to unpack .../network-manager-gnome_1.2.6-0ubuntu0.16.04.4_amd64.deb .
..
Unpacking network-manager-gnome (1.2.6-0ubuntu0.16.04.4) ...
Selecting previously unselected package ppp.
Preparing to unpack .../ppp_2.4.7-1+2ubuntu1_amd64.deb ...
Unpacking ppp (2.4.7-1+2ubuntu1) ...
Selecting previously unselected package pptp-linux.
Preparing to unpack .../pptp-linux_1.8.0-1_amd64.deb ...
Unpacking pptp-linux (1.8.0-1) ...
Selecting previously unselected package network-manager-pptp.
Preparing to unpack .../network-manager-pptp_1.1.93-1ubuntu1_amd64.deb ...
Unpacking network-manager-pptp (1.1.93-1ubuntu1) ...
Selecting previously unselected package notification-daemon.
Preparing to unpack .../notification-daemon_3.18.2-1_amd64.deb ...
Unpacking notification-daemon (3.18.2-1) ...
Selecting previously unselected package bbswitch-dkms.
Preparing to unpack .../bbswitch-dkms_0.8-3ubuntu1_amd64.deb ...
Unpacking bbswitch-dkms (0.8-3ubuntu1) ...
Selecting previously unselected package nvidia-prime.
Preparing to unpack .../nvidia-prime_0.8.2_amd64.deb ...
Unpacking nvidia-prime (0.8.2) ...
Selecting previously unselected package pulseaudio-module-x11.
Preparing to unpack .../pulseaudio-module-x11_1%3a8.0-0ubuntu3.10_amd64.deb ...
Unpacking pulseaudio-module-x11 (1:8.0-0ubuntu3.10) ...
Selecting previously unselected package python3-bs4.
Preparing to unpack .../python3-bs4_4.4.1-1_all.deb ...
Unpacking python3-bs4 (4.4.1-1) ...
Selecting previously unselected package python3-cairo.
Preparing to unpack .../python3-cairo_1.10.0+dfsg-5build1_amd64.deb ...
Unpacking python3-cairo (1.10.0+dfsg-5build1) ...
Selecting previously unselected package python3-cups.
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Preparing to unpack .../python3-cups_1.9.73-0ubuntu2_amd64.deb ...
Unpacking python3-cups (1.9.73-0ubuntu2) ...
Selecting previously unselected package python3-cupshelpers.
Preparing to unpack .../python3-cupshelpers_1.5.7+20160212-0ubuntu2_all.deb ...
Unpacking python3-cupshelpers (1.5.7+20160212-0ubuntu2) ...
Selecting previously unselected package python3-html5lib.
Preparing to unpack .../python3-html5lib_0.999-4_all.deb ...
Unpacking python3-html5lib (0.999-4) ...
Selecting previously unselected package python3-lxml.
Preparing to unpack .../python3-lxml_3.5.0-1build1_amd64.deb ...
Unpacking python3-lxml (3.5.0-1build1) ...
Selecting previously unselected package qttranslations5-l10n.
Preparing to unpack .../qttranslations5-l10n_5.5.1-2build1_all.deb ...
Unpacking qttranslations5-l10n (5.5.1-2build1) ...
Selecting previously unselected package rtkit.
Preparing to unpack .../rtkit_0.11-4_amd64.deb ...
Unpacking rtkit (0.11-4) ...
Selecting previously unselected package signon-keyring-extension.
Preparing to unpack .../signon-keyring-extension_0.6+14.10.20140513-0ubuntu2_amd
64.deb ...
Unpacking signon-keyring-extension (0.6+14.10.20140513-0ubuntu2) ...
Selecting previously unselected package signon-plugin-password.
Preparing to unpack .../signon-plugin-password_8.58+16.04.20151106-0ubuntu1_amd6
4.deb ...
Unpacking signon-plugin-password (8.58+16.04.20151106-0ubuntu1) ...
Selecting previously unselected package signon-ui-service.
Preparing to unpack .../signon-ui-service_0.17+16.04.20151125-0ubuntu1_all.deb .
..
Unpacking signon-ui-service (0.17+16.04.20151125-0ubuntu1) ...
Selecting previously unselected package signon-ui-x11.
Preparing to unpack .../signon-ui-x11_0.17+16.04.20151125-0ubuntu1_amd64.deb ...
Unpacking signon-ui-x11 (0.17+16.04.20151125-0ubuntu1) ...
Selecting previously unselected package signon-ui.
Preparing to unpack .../signon-ui_0.17+16.04.20151125-0ubuntu1_all.deb ...
Unpacking signon-ui (0.17+16.04.20151125-0ubuntu1) ...
Selecting previously unselected package system-config-printer-common.
Preparing to unpack .../system-config-printer-common_1.5.7+20160212-0ubuntu2_all
.deb ...
Unpacking system-config-printer-common (1.5.7+20160212-0ubuntu2) ...
Selecting previously unselected package python3-defer.
Preparing to unpack .../python3-defer_1.0.6-2build1_all.deb ...
Unpacking python3-defer (1.0.6-2build1) ...
Selecting previously unselected package python3-aptdaemon.
Preparing to unpack .../python3-aptdaemon_1.1.1+bzr982-0ubuntu14_all.deb ...
Unpacking python3-aptdaemon (1.1.1+bzr982-0ubuntu14) ...
Selecting previously unselected package python3-aptdaemon.pkcompat.
Preparing to unpack .../python3-aptdaemon.pkcompat_1.1.1+bzr982-0ubuntu14_all.de
b ...
Unpacking python3-aptdaemon.pkcompat (1.1.1+bzr982-0ubuntu14) ...
Selecting previously unselected package system-config-printer-gnome.
Preparing to unpack .../system-config-printer-gnome_1.5.7+20160212-0ubuntu2_all.
deb ...
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Unpacking system-config-printer-gnome (1.5.7+20160212-0ubuntu2) ...
Selecting previously unselected package system-config-printer-udev.
Preparing to unpack .../system-config-printer-udev_1.5.7+20160212-0ubuntu2_amd64
.deb ...
Unpacking system-config-printer-udev (1.5.7+20160212-0ubuntu2) ...
Selecting previously unselected package ubuntu-system-service.
Preparing to unpack .../ubuntu-system-service_0.3_all.deb ...
Unpacking ubuntu-system-service (0.3) ...
Selecting previously unselected package ubuntu-touch-sounds.
Preparing to unpack .../ubuntu-touch-sounds_15.08_all.deb ...
Unpacking ubuntu-touch-sounds (15.08) ...
Selecting previously unselected package unity-settings-daemon.
Preparing to unpack .../unity-settings-daemon_15.04.1+16.04.20160701-0ubuntu1_am
d64.deb ...
Unpacking unity-settings-daemon (15.04.1+16.04.20160701-0ubuntu1) ...
Selecting previously unselected package indicator-bluetooth.
Preparing to unpack .../indicator-bluetooth_0.0.6+16.04.20160526-0ubuntu1_amd64.
deb ...
Unpacking indicator-bluetooth (0.0.6+16.04.20160526-0ubuntu1) ...
Selecting previously unselected package indicator-sound.
Preparing to unpack .../indicator-sound_12.10.2+16.04.20160406-0ubuntu1_amd64.de
b ...
Unpacking indicator-sound (12.10.2+16.04.20160406-0ubuntu1) ...
Selecting previously unselected package unity-control-center.
Preparing to unpack .../unity-control-center_15.04.0+16.04.20171130-0ubuntu1_amd
64.deb ...
Unpacking unity-control-center (15.04.0+16.04.20171130-0ubuntu1) ...
Selecting previously unselected package unity-control-center-faces.
Preparing to unpack .../unity-control-center-faces_15.04.0+16.04.20171130-0ubunt
u1_all.deb ...
Unpacking unity-control-center-faces (15.04.0+16.04.20171130-0ubuntu1) ...
Selecting previously unselected package unity-control-center-signon.
Preparing to unpack .../unity-control-center-signon_0.1.8+16.04.20160201-0ubuntu
1_amd64.deb ...
Unpacking unity-control-center-signon (0.1.8+16.04.20160201-0ubuntu1) ...
Selecting previously unselected package upstart.
Preparing to unpack .../upstart_1.13.2-0ubuntu21.1_amd64.deb ...
Unpacking upstart (1.13.2-0ubuntu21.1) ...
Selecting previously unselected package unity-greeter.
Preparing to unpack .../unity-greeter_16.04.2-0ubuntu1_amd64.deb ...
Unpacking unity-greeter (16.04.2-0ubuntu1) ...
Selecting previously unselected package usbmuxd.
Preparing to unpack .../usbmuxd_1.1.0-2_amd64.deb ...
Unpacking usbmuxd (1.1.0-2) ...
Selecting previously unselected package vdpau-driver-all:amd64.
Preparing to unpack .../vdpau-driver-all_1.1.1-3ubuntu1_amd64.deb ...
Unpacking vdpau-driver-all:amd64 (1.1.1-3ubuntu1) ...
Selecting previously unselected package wamerican.
Preparing to unpack .../wamerican_7.1-1_all.deb ...
Unpacking wamerican (7.1-1) ...
Selecting previously unselected package xfonts-encodings.
Preparing to unpack .../xfonts-encodings_1%3a1.0.4-2_all.deb ...
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Unpacking xfonts-encodings (1:1.0.4-2) ...
Selecting previously unselected package xfonts-utils.
Preparing to unpack .../xfonts-utils_1%3a7.7+3ubuntu0.16.04.2_amd64.deb ...
Unpacking xfonts-utils (1:7.7+3ubuntu0.16.04.2) ...
Selecting previously unselected package xfonts-base.
Preparing to unpack .../xfonts-base_1%3a1.0.4+nmu1_all.deb ...
Unpacking xfonts-base (1:1.0.4+nmu1) ...
Selecting previously unselected package xserver-xorg-input-evdev.
Preparing to unpack .../xserver-xorg-input-evdev_1%3a2.10.1-1ubuntu2_amd64.deb .
..
Unpacking xserver-xorg-input-evdev (1:2.10.1-1ubuntu2) ...
Selecting previously unselected package xserver-xorg-input-synaptics.
Preparing to unpack .../xserver-xorg-input-synaptics_1.8.2-1ubuntu3_amd64.deb ..
.
Unpacking xserver-xorg-input-synaptics (1.8.2-1ubuntu3) ...
Selecting previously unselected package xserver-xorg-input-vmmouse.
Preparing to unpack .../xserver-xorg-input-vmmouse_1%3a13.1.0-1ubuntu2_amd64.deb
 ...
Unpacking xserver-xorg-input-vmmouse (1:13.1.0-1ubuntu2) ...
Selecting previously unselected package xserver-xorg-input-wacom.
Preparing to unpack .../xserver-xorg-input-wacom_1%3a0.32.0-0ubuntu3_amd64.deb .
..
Unpacking xserver-xorg-input-wacom (1:0.32.0-0ubuntu3) ...
Selecting previously unselected package xserver-xorg-input-all.
Preparing to unpack .../xserver-xorg-input-all_1%3a7.7+13ubuntu3_amd64.deb ...
Unpacking xserver-xorg-input-all (1:7.7+13ubuntu3) ...
Selecting previously unselected package xserver-xorg.
Preparing to unpack .../xserver-xorg_1%3a7.7+13ubuntu3_amd64.deb ...
Unpacking xserver-xorg (1:7.7+13ubuntu3) ...
Selecting previously unselected package aptdaemon.
Preparing to unpack .../aptdaemon_1.1.1+bzr982-0ubuntu14_all.deb ...
Unpacking aptdaemon (1.1.1+bzr982-0ubuntu14) ...
Selecting previously unselected package cups-pk-helper.
Preparing to unpack .../cups-pk-helper_0.2.5-2ubuntu2_amd64.deb ...
Unpacking cups-pk-helper (0.2.5-2ubuntu2) ...
Selecting previously unselected package ippusbxd.
Preparing to unpack .../ippusbxd_1.23-1_amd64.deb ...
Unpacking ippusbxd (1.23-1) ...
Selecting previously unselected package libauthen-sasl-perl.
Preparing to unpack .../libauthen-sasl-perl_2.1600-1_all.deb ...
Unpacking libauthen-sasl-perl (2.1600-1) ...
Selecting previously unselected package libcanberra-gtk3-module:amd64.
Preparing to unpack .../libcanberra-gtk3-module_0.30-2.1ubuntu1_amd64.deb ...
Unpacking libcanberra-gtk3-module:amd64 (0.30-2.1ubuntu1) ...
Selecting previously unselected package mobile-broadband-provider-info.
Preparing to unpack .../mobile-broadband-provider-info_20140317-1_all.deb ...
Unpacking mobile-broadband-provider-info (20140317-1) ...
Selecting previously unselected package usb-modeswitch-data.
Preparing to unpack .../usb-modeswitch-data_20151101-1_all.deb ...
Unpacking usb-modeswitch-data (20151101-1) ...
Selecting previously unselected package usb-modeswitch.
Preparing to unpack .../usb-modeswitch_2.2.5+repack0-1ubuntu1_amd64.deb ...
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Unpacking usb-modeswitch (2.2.5+repack0-1ubuntu1) ...
Processing triggers for libc-bin (2.23-0ubuntu10) ...
Processing triggers for man-db (2.7.5-1) ...
Processing triggers for hicolor-icon-theme (0.15-0ubuntu1) ...
Processing triggers for shared-mime-info (1.5-2ubuntu0.1) ...
Processing triggers for libglib2.0-0:amd64 (2.48.2-0ubuntu1) ...
Processing triggers for mime-support (3.59ubuntu1) ...
Processing triggers for udev (229-4ubuntu21.2) ...
Processing triggers for dbus (1.10.6-1ubuntu3.3) ...
Processing triggers for ureadahead (0.100.0-19) ...
Processing triggers for systemd (229-4ubuntu21.2) ...
Processing triggers for fontconfig (2.11.94-0ubuntu1.1) ...
Processing triggers for install-info (6.1.0.dfsg.1-5) ...
Processing triggers for libgtk2.0-0:amd64 (2.24.30-1ubuntu1.16.04.2) ...
Processing triggers for libgtk-3-0:amd64 (3.18.9-1ubuntu3.3) ...
Setting up libxcb-glx0:amd64 (1.11.1-1ubuntu1) ...
Setting up libxxf86vm1:amd64 (1:1.1.4-1) ...
Setting up libgl1-mesa-glx:amd64 (17.2.8-0ubuntu0~16.04.1) ...
update-alternatives: using /usr/lib/x86_64-linux-gnu/mesa/ld.so.conf to provide
/etc/ld.so.conf.d/x86_64-linux-gnu_GL.conf (x86_64-linux-gnu_gl_conf) in auto mo
de
Setting up freeglut3:amd64 (2.8.1-2) ...
Setting up libgck-1-0:amd64 (3.18.0-1ubuntu1) ...
Setting up libgcr-3-common (3.18.0-1ubuntu1) ...
Setting up libgcr-base-3-1:amd64 (3.18.0-1ubuntu1) ...
Setting up libgcr-ui-3-1:amd64 (3.18.0-1ubuntu1) ...
Setting up dbus-x11 (1.10.6-1ubuntu3.3) ...
Setting up gcr (3.18.0-1ubuntu1) ...
Setting up p11-kit-modules:amd64 (0.23.2-5~ubuntu16.04.1) ...
Setting up p11-kit (0.23.2-5~ubuntu16.04.1) ...
Setting up libassuan0:amd64 (2.4.2-2) ...
Setting up libsecret-common (0.18.4-1ubuntu2) ...
Setting up libsecret-1-0:amd64 (0.18.4-1ubuntu2) ...
Setting up pinentry-gnome3 (0.9.7-3) ...
Setting up gnome-keyring (3.18.3-0ubuntu2) ...
Setting up libasyncns0:amd64 (0.8-5build1) ...
Setting up libatasmart4:amd64 (0.19-3) ...
Setting up libcdparanoia0:amd64 (3.10.2+debian-11) ...
Setting up libdaemon0:amd64 (0.14-6) ...
Setting up libfftw3-single3:amd64 (3.3.4-2ubuntu1) ...
Setting up libgeoclue0:amd64 (0.12.99-4ubuntu1) ...
Setting up libice6:amd64 (2:1.0.9-1) ...
Setting up libraw1394-11:amd64 (2.1.1-2) ...
Setting up libiec61883-0:amd64 (1.2.0-0.2) ...
Setting up libmtdev1:amd64 (1.1.5-1ubuntu2) ...
Setting up libmtp-common (1.1.10-2ubuntu1) ...
Setting up libmtp9:amd64 (1.1.10-2ubuntu1) ...
Setting up libnotify4:amd64 (0.7.6-2svn1) ...
Setting up libogg0:amd64 (1.3.2-1) ...
Setting up libp11-kit-gnome-keyring:amd64 (3.18.3-0ubuntu2) ...
Setting up libpam-gnome-keyring:amd64 (3.18.3-0ubuntu2) ...
Setting up libpcre16-3:amd64 (2:8.38-3.1) ...
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Setting up libqt5core5a:amd64 (5.5.1+dfsg-16ubuntu7.5) ...
Setting up libevdev2:amd64 (1.4.6+dfsg-1) ...
Setting up libwacom-common (0.22-1~ubuntu16.04.1) ...
Setting up libwacom2:amd64 (0.22-1~ubuntu16.04.1) ...
Setting up libinput-bin (1.6.3-1ubuntu1~16.04.1) ...
Setting up libinput10:amd64 (1.6.3-1ubuntu1~16.04.1) ...
Setting up libqt5dbus5:amd64 (5.5.1+dfsg-16ubuntu7.5) ...
Setting up libqt5network5:amd64 (5.5.1+dfsg-16ubuntu7.5) ...
Setting up libsm6:amd64 (2:1.2.2-1) ...
Setting up libxcb-icccm4:amd64 (0.4.1-1ubuntu1) ...
Setting up libxcb-util1:amd64 (0.4.0-0ubuntu3) ...
Setting up libxcb-image0:amd64 (0.4.0-1build1) ...
Setting up libxcb-keysyms1:amd64 (0.4.0-1) ...
Setting up libxcb-randr0:amd64 (1.11.1-1ubuntu1) ...
Setting up libxcb-render-util0:amd64 (0.3.9-1) ...
Setting up libxcb-shape0:amd64 (1.11.1-1ubuntu1) ...
Setting up libxcb-xkb1:amd64 (1.11.1-1ubuntu1) ...
Setting up libxkbcommon-x11-0:amd64 (0.5.0-1ubuntu2) ...
Setting up libqt5gui5:amd64 (5.5.1+dfsg-16ubuntu7.5) ...
Setting up libqt5widgets5:amd64 (5.5.1+dfsg-16ubuntu7.5) ...
Setting up libqt5svg5:amd64 (5.5.1-2build1) ...
Setting up libgstreamer1.0-0:amd64 (1.8.3-1~ubuntu0.1) ...
Setcap worked! gst-ptp-helper is not suid!
Setting up liborc-0.4-0:amd64 (1:0.4.25-1) ...
Setting up libgstreamer-plugins-base1.0-0:amd64 (1.8.3-1ubuntu0.2) ...
Setting up libqt5opengl5:amd64 (5.5.1+dfsg-16ubuntu7.5) ...
Setting up libqt5printsupport5:amd64 (5.5.1+dfsg-16ubuntu7.5) ...
Setting up libdouble-conversion1v5:amd64 (2.0.1-3ubuntu2) ...
Setting up libqt5qml5:amd64 (5.5.1-2ubuntu6) ...
Setting up libqt5quick5:amd64 (5.5.1-2ubuntu6) ...
Setting up libqt5sql5:amd64 (5.5.1+dfsg-16ubuntu7.5) ...
Setting up libqt5webkit5:amd64 (5.5.1+dfsg-2ubuntu1) ...
Setting up libsamplerate0:amd64 (0.1.8-8) ...
Setting up libspeex1:amd64 (1.2~rc1.2-1ubuntu1) ...
Setting up libtheora0:amd64 (1.1.1+dfsg.1-8) ...
Setting up libvorbis0a:amd64 (1.3.5-3ubuntu0.2) ...
Setting up libshout3:amd64 (2.3.1-3) ...
Setting up libsignon-glib1:amd64 (1.13+16.04.20151209.1-0ubuntu1) ...
Setting up libunistring0:amd64 (0.9.3-5.2ubuntu1) ...
Setting up libwbclient0:amd64 (2:4.3.11+dfsg-0ubuntu0.16.04.13) ...
Setting up libxft2:amd64 (2.3.2-1) ...
Setting up libxv1:amd64 (2:1.0.10-1) ...
Setting up libxxf86dga1:amd64 (2:1.1.4-1) ...
Setting up libglib2.0-bin (2.48.2-0ubuntu1) ...
Setting up lightdm (1.18.3-0ubuntu1.1) ...
Adding group `lightdm' (GID 118) ...
Done.
Adding system user `lightdm' (UID 113) ...
Adding new user `lightdm' (UID 113) with group `lightdm' ...
Creating home directory `/var/lib/lightdm' ...
usermod: no changes
usermod: no changes
```

```
usermod: no changes
Adding group `nopasswdlogin' (GID 119) ...
Done.
Setting up libnih-dbus1:amd64 (1.0.3-4.3ubuntu1) ...
Setting up mountall (2.54ubuntu1) ...
Setting up libtalloc2:amd64 (2.1.5-2) ...
Setting up libtevent0:amd64 (0.9.28-0ubuntu0.16.04.1) ...
Setting up libtdb1:amd64 (1.3.8-2) ...
Setting up libldb1:amd64 (2:1.1.24-1ubuntu3) ...
Setting up python-talloc (2.1.5-2) ...
Setting up samba-libs:amd64 (2:4.3.11+dfsg-0ubuntu0.16.04.13) ...
Setting up libsmbclient:amd64 (2:4.3.11+dfsg-0ubuntu0.16.04.13) ...
Setting up apg (2.2.3.dfsg.1-2ubuntu1) ...
Setting up libaspell15:amd64 (0.60.7~20110707-3build1) ...
Setting up emacsen-common (2.0.8) ...
Setting up dictionaries-common (1.26.3) ...
Setting up aspell (0.60.7~20110707-3build1) ...
Setting up aspell-en (7.1-0-1.1) ...
Setting up libavahi-core7:amd64 (0.6.32~rc+dfsg-1ubuntu2.2) ...
Setting up avahi-daemon (0.6.32~rc+dfsg-1ubuntu2.2) ...
Setting up avahi-utils (0.6.32~rc+dfsg-1ubuntu2.2) ...
Setting up bluez (5.37-0ubuntu5.1) ...
Setting up libcamel-1.2-54:amd64 (3.18.5-1ubuntu1) ...
Setting up evolution-data-server-common (3.18.5-1ubuntu1) ...
Setting up libedataserver-1.2-21:amd64 (3.18.5-1ubuntu1) ...
Setting up libebook-contacts-1.2-2:amd64 (3.18.5-1ubuntu1) ...
Setting up libebackend-1.2-10:amd64 (3.18.5-1ubuntu1) ...
Setting up libedata-book-1.2-25:amd64 (3.18.5-1ubuntu1) ...
Setting up libebook-1.2-16:amd64 (3.18.5-1ubuntu1) ...
Setting up bluez-obexd (5.37-0ubuntu5.1) ...
Setting up cheese-common (3.18.1-2ubuntu3) ...
Setting up libcrack2:amd64 (2.9.2-1ubuntu1) ...
Setting up cracklib-runtime (2.9.2-1ubuntu1) ...
Setting up libnl-3-200:amd64 (3.2.27-1ubuntu0.16.04.1) ...
Setting up libnl-genl-3-200:amd64 (3.2.27-1ubuntu0.16.04.1) ...
Setting up wireless-regdb (2015.07.20-1ubuntu1) ...
Setting up iw (3.17-1) ...
Setting up crda (3.13-1) ...
Setting up cuda-license-9-2 (9.2.88-1) ...
*** LICENSE AGREEMENT ***
By using this software you agree to fully comply with the terms and
conditions of the EULA (End User License Agreement). The EULA is located
at /usr/local/cuda-9.2/doc/EULA.txt. The EULA can also be found at
http://docs.nvidia.com/cuda/eula/index.html. If you do not agree to the
terms and conditions of the EULA, do not use the software.

Setting up cuda-misc-headers-9-2 (9.2.88-1) ...
Setting up cuda-nvcc-9-2 (9.2.88-1) ...
Setting up cuda-cuobjdump-9-2 (9.2.88-1) ...
Setting up cuda-nvprune-9-2 (9.2.88-1) ...
Setting up cuda-compiler-9-2 (9.2.88-1) ...
Setting up cuda-nvdisasm-9-2 (9.2.88-1) ...
```

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Setting up cuda-gdb-9-2 (9.2.88-1) ...
Setting up cuda-nvprof-9-2 (9.2.88-1) ...
Setting up cuda-memcheck-9-2 (9.2.88-1) ...
Setting up cuda-cudart-9-2 (9.2.88-1) ...
Setting up cuda-driver-dev-9-2 (9.2.88-1) ...
Setting up cuda-cudart-dev-9-2 (9.2.88-1) ...
Setting up cuda-cupti-9-2 (9.2.88-1) ...
Setting up cuda-gpu-library-advisor-9-2 (9.2.88-1) ...
Setting up cuda-nvtx-9-2 (9.2.88-1) ...
Setting up cuda-command-line-tools-9-2 (9.2.88-1) ...
Setting up libasound2-data (1.1.0-0ubuntu1) ...
Setting up libasound2:amd64 (1.1.0-0ubuntu1) ...
Setting up libgif7:amd64 (5.1.4-0.3~16.04) ...
Setting up libflac8:amd64 (1.3.1-4) ...
Setting up libvorbisenc2:amd64 (1.3.5-3ubuntu0.2) ...
Setting up libsndfile1:amd64 (1.0.25-10ubuntu0.16.04.1) ...
Setting up libpulse0:amd64 (1:8.0-0ubuntu3.10) ...
Setting up openjdk-8-jre:amd64 (8u171-b11-0ubuntu0.16.04.1) ...
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/jre/bin/policytool
to provide /usr/bin/policytool (policytool) in auto mode
Setting up default-jre (2:1.8-56ubuntu2) ...
Setting up cuda-nsight-9-2 (9.2.88-1) ...
Setting up cuda-nvvp-9-2 (9.2.88-1) ...
Setting up cuda-nvrtc-9-2 (9.2.88-1) ...
Setting up cuda-nvrtc-dev-9-2 (9.2.88-1) ...
Setting up cuda-cusolver-9-2 (9.2.88-1) ...
Setting up cuda-cusolver-dev-9-2 (9.2.88-1) ...
Setting up cuda-cublas-9-2 (9.2.88-1) ...
Setting up cuda-cublas-dev-9-2 (9.2.88-1) ...
Setting up cuda-cufft-9-2 (9.2.88-1) ...
Setting up cuda-cufft-dev-9-2 (9.2.88-1) ...
Setting up cuda-curand-9-2 (9.2.88-1) ...
Setting up cuda-curand-dev-9-2 (9.2.88-1) ...
Setting up cuda-cusparse-9-2 (9.2.88-1) ...
Setting up cuda-cusparse-dev-9-2 (9.2.88-1) ...
Setting up cuda-npp-9-2 (9.2.88-1) ...
Setting up cuda-npp-dev-9-2 (9.2.88-1) ...
Setting up cuda-nvml-dev-9-2 (9.2.88-1) ...
Setting up cuda-nvgraph-9-2 (9.2.88-1) ...
Setting up cuda-nvgraph-dev-9-2 (9.2.88-1) ...
Setting up cuda-visual-tools-9-2 (9.2.88-1) ...
Setting up cuda-tools-9-2 (9.2.88-1) ...
Setting up xorg-sgml-doctools (1:1.11-1) ...
Setting up x11proto-core-dev (7.0.31-1~ubuntu16.04.2) ...
Setting up libxau-dev:amd64 (1:1.0.8-1) ...
Setting up libxdmcp-dev:amd64 (1:1.1.2-1.1) ...
Setting up x11proto-input-dev (2.3.1-1) ...
Setting up x11proto-kb-dev (1.0.7-0ubuntu1) ...
Setting up xtrans-dev (1.3.5-1) ...
Setting up libpthread-stubs0-dev:amd64 (0.3-4) ...
Setting up libxcb1-dev:amd64 (1.11.1-1ubuntu1) ...
Setting up libx11-dev:amd64 (2:1.6.3-1ubuntu2) ...
```

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Setting up libdrm-dev:amd64 (2.4.83-1~16.04.1) ...
Setting up mesa-common-dev:amd64 (17.2.8-0ubuntu0~16.04.1) ...
Setting up libx11-xcb-dev:amd64 (2:1.6.3-1ubuntu2) ...
Setting up libxcb-dri3-dev:amd64 (1.11.1-1ubuntu1) ...
Setting up libxcb-render0-dev:amd64 (1.11.1-1ubuntu1) ...
Setting up libxcb-randr0-dev:amd64 (1.11.1-1ubuntu1) ...
Setting up libxcb-shape0-dev:amd64 (1.11.1-1ubuntu1) ...
Setting up libxcb-xfixes0-dev:amd64 (1.11.1-1ubuntu1) ...
Setting up libxcb-sync-dev:amd64 (1.11.1-1ubuntu1) ...
Setting up libxcb-present-dev:amd64 (1.11.1-1ubuntu1) ...
Setting up libxshmfence-dev:amd64 (1.2-1) ...
Setting up libxcb-dri2-0-dev:amd64 (1.11.1-1ubuntu1) ...
Setting up libxcb-glx0-dev:amd64 (1.11.1-1ubuntu1) ...
Setting up x11proto-xext-dev (7.3.0-1) ...
Setting up x11proto-fixes-dev (1:5.0-2ubuntu2) ...
Setting up libxfixes-dev:amd64 (1:5.0.1-2) ...
Setting up x11proto-damage-dev (1:1.2.1-2) ...
Setting up libxdamage-dev:amd64 (1:1.1.4-2) ...
Setting up libxext-dev:amd64 (2:1.3.3-1) ...
Setting up x11proto-xf86vidmode-dev (2.3.1-2) ...
Setting up libxxf86vm-dev:amd64 (1:1.1.4-1) ...
Setting up x11proto-dri2-dev (2.8-2) ...
Setting up x11proto-gl-dev (1.4.17-1) ...
Setting up libgl1-mesa-dev:amd64 (17.2.8-0ubuntu0~16.04.1) ...
Setting up libglu1-mesa:amd64 (9.0.0-2.1) ...
Setting up libglu1-mesa-dev:amd64 (9.0.0-2.1) ...
Setting up libxt6:amd64 (1:1.1.5-0ubuntu1) ...
Setting up libice-dev:amd64 (2:1.0.9-1) ...
Setting up libsm-dev:amd64 (2:1.2.2-1) ...
Setting up libxt-dev:amd64 (1:1.1.5-0ubuntu1) ...
Setting up freeglut3-dev:amd64 (2.8.1-2) ...
Setting up libxmu6:amd64 (2:1.1.2-2) ...
Setting up libxmu-headers (2:1.1.2-2) ...
Setting up libxmu-dev:amd64 (2:1.1.2-2) ...
Setting up libxi-dev (2:1.7.6-1) ...
Setting up cuda-samples-9-2 (9.2.88-1) ...
Setting up cuda-documentation-9-2 (9.2.88-1) ...
Setting up cuda-libraries-dev-9-2 (9.2.88-1) ...
Setting up cuda-toolkit-9-2 (9.2.88-1) ...
Setting up libc6-i386 (2.23-0ubuntu10) ...
Setting up lib32gcc1 (1:6.0.1-0ubuntu1) ...
Setting up libxaw7:amd64 (2:1.0.13-1) ...
Setting up libxkbfile1:amd64 (1:1.0.9-0ubuntu1) ...
Setting up x11-xkb-utils (7.7+2) ...
Setting up xserver-common (2:1.18.4-0ubuntu0.7) ...
Setting up xserver-xorg-legacy (2:1.18.4-0ubuntu0.7) ...
Setting up libfontenc1:amd64 (1:1.1.3-1) ...
Setting up libxfont1:amd64 (1:1.5.1-1ubuntu0.16.04.4) ...
Setting up xserver-xorg-core (2:1.18.4-0ubuntu0.7) ...
Setting up nvidia-396 (396.26-0ubuntu1) ...
update-alternatives: using /usr/lib/nvidia-396/ld.so.conf to provide /etc/ld.so.
conf.d/x86_64-linux-gnu_GL.conf (x86_64-linux-gnu_gl_conf) in auto mode
```

update-alternatives: warning: skip creation of /usr/share/grub-gfxpayload-lists/
blacklist/10_proprietary-graphics-drivers because associated file /usr/share/nvi
dia-396/nvidia-396.grub-gfxpayload (of link group x86_64-linux-gnu_gl_conf) does
n't exist
update-alternatives: using /usr/lib/nvidia-396/ld.so.conf to provide /etc/ld.so.
conf.d/x86_64-linux-gnu_EGL.conf (x86_64-linux-gnu_egl_conf) in auto mode
update-alternatives: using /usr/lib/nvidia-396/alt_ld.so.conf to provide /etc/ld
.so.conf.d/i386-linux-gnu_GL.conf (i386-linux-gnu_gl_conf) in auto mode
update-alternatives: using /usr/lib/nvidia-396/alt_ld.so.conf to provide /etc/ld
.so.conf.d/i386-linux-gnu_EGL.conf (i386-linux-gnu_egl_conf) in auto mode
update-alternatives: using /usr/share/nvidia-396/glamor.conf to provide /usr/sha
re/X11/xorg.conf.d/glamoregl.conf (glamor_conf) in auto mode
update-initramfs: deferring update (trigger activated)

A modprobe blacklist file has been created at /etc/modprobe.d to prevent Nouveau
 from loading. This can be reverted by deleting /etc/modprobe.d/nvidia-graphics-
drivers.conf.
A new initrd image has also been created. To revert, please replace /boot/initrd
-4.4.0-1060-aws with /boot/initrd-$(uname -r)-backup.

****
*** Reboot your computer and verify that the NVIDIA graphics driver can   ***
*** be loaded.   ***
****

Adding system user `nvidia-persistenced' (UID 115) ...
Adding new group `nvidia-persistenced' (GID 122) ...
Adding new user `nvidia-persistenced' (UID 115) with group `nvidia-persistenced'
 ...
Not creating home directory `/'.
Loading new nvidia-396-396.26 DKMS files...
First Installation: checking all kernels...
Building only for 4.4.0-1060-aws
Building for architecture x86_64
Building initial module for 4.4.0-1060-aws
Done.

nvidia_396:
Running module version sanity check.
 - Original module
   - No original module exists within this kernel
 - Installation
   - Installing to /lib/modules/4.4.0-1060-aws/updates/dkms/

nvidia_396_modeset.ko:
Running module version sanity check.
 - Original module
   - No original module exists within this kernel
 - Installation
   - Installing to /lib/modules/4.4.0-1060-aws/updates/dkms/

nvidia_396_drm.ko:

```
  Running module version sanity check.
   - Original module
     - No original module exists within this kernel
   - Installation
     - Installing to /lib/modules/4.4.0-1060-aws/updates/dkms/

  nvidia_396_uvm.ko:
  Running module version sanity check.
   - Original module
     - No original module exists within this kernel
   - Installation
     - Installing to /lib/modules/4.4.0-1060-aws/updates/dkms/

  depmod....

  DKMS: install completed.
  Setting up nvidia-396-dev (396.26-0ubuntu1) ...
  Setting up libcuda1-396 (396.26-0ubuntu1) ...
  Setting up nvidia-modprobe (396.26-0ubuntu1) ...
  Setting up pkg-config (0.29.1-0ubuntu1) ...
  Setting up python3-xkit (0.5.0ubuntu2) ...
  Setting up policykit-1-gnome (0.105-2ubuntu2) ...
  Setting up screen-resolution-extra (0.17.1.1~16.04.1) ...
  Setting up libvdpau1:amd64 (1.1.1-3ubuntu1) ...
  Setting up libjansson4:amd64 (2.7-3) ...
  Setting up libxnvctrl0 (396.26-0ubuntu1) ...
  Setting up nvidia-settings (396.26-0ubuntu1) ...
  Setting up ocl-icd-libopencl1:amd64 (2.2.8-1) ...
  Setting up nvidia-opencl-icd-396 (396.26-0ubuntu1) ...
  Setting up cuda-drivers (396.26-1) ...
  Setting up cuda-libraries-9-2 (9.2.88-1) ...
  Setting up cuda-runtime-9-2 (9.2.88-1) ...
  Setting up cuda-demo-suite-9-2 (9.2.88-1) ...
  Setting up cuda-9-2 (9.2.88-1) ...
  Setting up cuda (9.2.88-1) ...
  Setting up dconf-cli (0.24.0-2) ...
  Setting up desktop-file-utils (0.22-1ubuntu5.1) ...
  Setting up diffstat (1.61-1) ...
  Setting up hunspell-en-us (20070829-6ubuntu3) ...
  Setting up libhunspell-1.3-0:amd64 (1.3.3-4ubuntu1) ...
  Setting up libenchant1c2a:amd64 (1.6.0-10.1build2) ...
  Setting up enchant (1.6.0-10.1build2) ...
  Setting up libical1a:amd64 (1.0.1-0ubuntu2) ...
  Setting up libecal-1.2-19:amd64 (3.18.5-1ubuntu1) ...
  Setting up libedata-cal-1.2-28:amd64 (3.18.5-1ubuntu1) ...
  Setting up libgoa-1.0-common (3.18.3-1ubuntu2) ...
  Setting up libgoa-1.0-0b:amd64 (3.18.3-1ubuntu2) ...
  Setting up liboauth0:amd64 (1.0.3-0ubuntu2) ...
  Setting up libgdata-common (0.17.4-1) ...
  Setting up libgdata22:amd64 (0.17.4-1) ...
  Setting up libgeocode-glib0:amd64 (3.18.2-1) ...
  Setting up libgweather-common (3.18.2-0ubuntu0.2) ...
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Setting up libgweather-3-6:amd64 (3.18.2-0ubuntu0.2) ...
Setting up evolution-data-server (3.18.5-1ubuntu1) ...
Setting up libaccounts-glib0:amd64 (1.21+16.04.20160222-0ubuntu1) ...
Setting up evolution-data-server-online-accounts (3.18.5-1ubuntu1) ...
Setting up fonts-dejavu-extra (2.35-1) ...
Setting up libnm-util2:amd64 (1.2.6-0ubuntu0.16.04.2) ...
Setting up libnm-glib4:amd64 (1.2.6-0ubuntu0.16.04.2) ...
Setting up geoclue (0.12.99-4ubuntu1) ...
Setting up geoclue-ubuntu-geoip (1.0.2+14.04.20131125-0ubuntu2) ...
Setting up gettext (0.19.7-2ubuntu3) ...
Setting up gir1.2-atk-1.0 (2.18.0-1) ...
Setting up gir1.2-freedesktop:amd64 (1.46.0-3ubuntu1) ...
Setting up gir1.2-gdkpixbuf-2.0:amd64 (2.32.2-1ubuntu1.4) ...
Setting up gir1.2-gnomekeyring-1.0 (3.12.0-1build1) ...
Setting up libpangoxft-1.0-0:amd64 (1.38.1-1) ...
Setting up gir1.2-pango-1.0:amd64 (1.38.1-1) ...
Setting up gir1.2-gtk-3.0:amd64 (3.18.9-1ubuntu3.3) ...
Setting up libibus-1.0-5:amd64 (1.5.11-1ubuntu2.1) ...
Setting up gir1.2-ibus-1.0:amd64 (1.5.11-1ubuntu2.1) ...
Setting up gir1.2-notify-0.7 (0.7.6-2svn1) ...
Setting up libpackagekit-glib2-16:amd64 (0.8.17-4ubuntu6~gcc5.4ubuntu1.2) ...
Setting up gir1.2-packagekitglib-1.0 (0.8.17-4ubuntu6~gcc5.4ubuntu1.2) ...
Setting up libgnomekbd-common (3.6.0-1ubuntu2) ...
Setting up libxklavier16:amd64 (5.4-0ubuntu2) ...
Setting up libgnomekbd8:amd64 (3.6.0-1ubuntu2) ...
Setting up gkbd-capplet (3.6.0-1ubuntu2) ...
Setting up libvorbisfile3:amd64 (1.3.5-3ubuntu0.2) ...
Setting up sound-theme-freedesktop (0.8-1) ...
Setting up libcanberra0:amd64 (0.30-2.1ubuntu1) ...
Setting up libcanberra-gtk3-0:amd64 (0.30-2.1ubuntu1) ...
Setting up libgnome-bluetooth13:amd64 (3.18.2-1ubuntu2) ...
Setting up gnome-bluetooth (3.18.2-1ubuntu2) ...
Setting up gnome-desktop3-data (3.18.2-1ubuntu1) ...
Setting up gnome-menus (3.13.3-6ubuntu3.1) ...
Setting up libupower-glib3:amd64 (0.99.4-2ubuntu0.3) ...
Setting up libplist3:amd64 (1.12-3.1ubuntu0.16.04.1) ...
Setting up libusbmuxd4:amd64 (1.0.10-2ubuntu0.1) ...
Setting up libimobiledevice6:amd64 (1.2.0+dfsg-3~ubuntu0.2) ...
Setting up upower (0.99.4-2ubuntu0.3) ...
Setting up gnome-settings-daemon-schemas (3.18.2-0ubuntu3.1) ...
Setting up gnome-power-manager (3.18.0-1ubuntu1) ...
Setting up libgnome-desktop-3-12:amd64 (3.18.2-1ubuntu1) ...
Setting up gnome-screensaver (3.6.1-7ubuntu4) ...
Setting up gnome-session-bin (3.18.1.2-1ubuntu1.16.04.2) ...
update-alternatives: using /usr/bin/gnome-session to provide /usr/bin/x-session-
manager (x-session-manager) in auto mode
Setting up libjavascriptcoregtk-4.0-18:amd64 (2.20.2-0ubuntu0.16.04.1) ...
Setting up libharfbuzz-icu0:amd64 (1.0.1-1ubuntu0.1) ...
Setting up libhyphen0:amd64 (2.8.8-2ubuntu1) ...
Setting up libwebpdemux1:amd64 (0.4.4-1) ...
Setting up libwebkit2gtk-4.0-37:amd64 (2.20.2-0ubuntu0.16.04.1) ...
Setting up libyelp0:amd64 (3.18.1-1ubuntu4) ...
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Setting up yelp-xsl (3.18.1-1) ...
Setting up yelp (3.18.1-1ubuntu4) ...
Setting up gnome-user-guide (3.18.1-1) ...
Setting up libnautilus-extension1a:amd64 (1:3.18.4.is.3.14.3-0ubuntu6) ...
Setting up gnome-user-share (3.14.2-2ubuntu4) ...
Setting up gsettings-ubuntu-schemas (0.0.5+16.04.20160307-0ubuntu1) ...
Setting up libcogl20:amd64 (1.22.0-2) ...
Setting up libcogl-pango20:amd64 (1.22.0-2) ...
Setting up libcogl-path20:amd64 (1.22.0-2) ...
Setting up libclutter-1.0-0:amd64 (1.24.2-1) ...
Setting up libclutter-gst-3.0-0:amd64 (3.0.18-1) ...
Setting up gstreamer1.0-clutter-3.0 (3.0.18-1) ...
Setting up libopus0:amd64 (1.1.2-1ubuntu1) ...
Setting up libvisual-0.4-0:amd64 (0.4.0-8) ...
Setting up gstreamer1.0-plugins-base:amd64 (1.8.3-1ubuntu0.2) ...
Setting up libaa1:amd64 (1.4p5-44build1) ...
Setting up libavc1394-0:amd64 (0.5.4-4) ...
Setting up libcaca0:amd64 (0.99.beta19-2build2~gcc5.2) ...
Setting up libdv4:amd64 (1.0.0-7) ...
Setting up libgstreamer-plugins-good1.0-0:amd64 (1.8.3-1ubuntu0.4) ...
Setting up libjack-jackd2-0:amd64 (1.9.10+20150825git1ed50c92~dfsg-1ubuntu1) ...
Setting up libtag1v5-vanilla:amd64 (1.9.1-2.4ubuntu1) ...
Setting up libtag1v5:amd64 (1.9.1-2.4ubuntu1) ...
Setting up libv4lconvert0:amd64 (1.10.0-1) ...
Setting up libv4l-0:amd64 (1.10.0-1) ...
Setting up libwavpack1:amd64 (4.75.2-2ubuntu0.1) ...
Setting up gstreamer1.0-plugins-good:amd64 (1.8.3-1ubuntu0.4) ...
Setting up gstreamer1.0-x:amd64 (1.8.3-1ubuntu0.2) ...
Setting up libudisks2-0:amd64 (2.1.7-1ubuntu1) ...
Setting up x11-utils (7.7+3) ...
Setting up udisks2 (2.1.7-1ubuntu1) ...
Setting up gvfs-common (1.28.2-1ubuntu1~16.04.2) ...
Setting up gvfs-libs:amd64 (1.28.2-1ubuntu1~16.04.2) ...
Setting up gvfs-daemons (1.28.2-1ubuntu1~16.04.2) ...
Setting up gvfs:amd64 (1.28.2-1ubuntu1~16.04.2) ...
Setting up libavahi-glib1:amd64 (0.6.32~rc+dfsg-1ubuntu2.2) ...
Setting up libcdio13:amd64 (0.83-4.2ubuntu1) ...
Setting up libcdio-cdda1:amd64 (0.83-4.2ubuntu1) ...
Setting up libcdio-paranoia1:amd64 (0.83-4.2ubuntu1) ...
Setting up gvfs-backends (1.28.2-1ubuntu1~16.04.2) ...
Setting up hwdata (0.267-1) ...
Setting up ibus (1.5.11-1ubuntu2.1) ...
Setting up ibus-gtk:amd64 (1.5.11-1ubuntu2.1) ...
Setting up ibus-gtk3:amd64 (1.5.11-1ubuntu2.1) ...
Setting up im-config (0.29-1ubuntu12.4) ...
Setting up libido3-0.1-0:amd64 (13.10.0+16.04.20161028-0ubuntu1) ...
Setting up libpanel-applet0 (1:3.18.3-0ubuntu0.1) ...
Setting up python3-xdg (0.25-4) ...
Setting up indicator-applet (12.10.2+15.04.20141127.2-0ubuntu1) ...
Setting up liburl-dispatcher1:amd64 (0.1+16.04.20151110-0ubuntu2) ...
Setting up indicator-datetime (15.10+16.04.20160406-0ubuntu1) ...
Setting up libfcitx-utils0:amd64 (1:4.2.9.1-1ubuntu1.16.04.2) ...
```

```
Setting up libfcitx-gclient0:amd64 (1:4.2.9.1-1ubuntu1.16.04.2) ...
Setting up libgee-0.8-2:amd64 (0.18.0-1) ...
Setting up liblightdm-gobject-1-0:amd64 (1.18.3-0ubuntu1.1) ...
Setting up indicator-keyboard (0.0.0+16.04.20151125-0ubuntu1) ...
Setting up indicator-messages (13.10.1+15.10.20150505-0ubuntu1) ...
Setting up indicator-power (12.10.6+16.04.20160105-0ubuntu1) ...
Setting up indicator-session (12.10.5+16.04.20160412-0ubuntu1) ...
Setting up intltool-debian (0.35.0+20060710.4) ...
Setting up iputils-arping (3:20121221-5ubuntu2) ...
Setcap worked! arping is not suid!
Setting up libqt5sql5-sqlite:amd64 (5.5.1+dfsg-16ubuntu7.5) ...
Setting up session-migration (0.2.3) ...
Setting up libsignon-extension1:amd64 (8.58+16.04.20151106-0ubuntu1) ...
Setting up libsignon-plugins-common1:amd64 (8.58+16.04.20151106-0ubuntu1) ...
Setting up signond (8.58+16.04.20151106-0ubuntu1) ...
Setting up libaccount-plugin-1.0-0:amd64 (0.1.8+16.04.20160201-0ubuntu1) ...
Setting up signon-plugin-oauth2 (0.23+16.04.20151209-0ubuntu1) ...
Setting up libaccount-plugin-generic-oauth (0.12+16.04.20160126-0ubuntu1) ...
Setting up libaccount-plugin-google (0.12+16.04.20160126-0ubuntu1) ...
Setting up libqt5xml5:amd64 (5.5.1+dfsg-16ubuntu7.5) ...
Setting up libaccounts-qt5-1:amd64 (1.14+16.04.20151106.1-0ubuntu1) ...
Setting up libapt-pkg-perl (0.1.29build7) ...
Setting up libarchive-zip-perl (1.56-2) ...
Setting up libspeexdsp1:amd64 (1.2~rc1.2-1ubuntu1) ...
Setting up libasound2-plugins:amd64 (1.1.0-0ubuntu1) ...
Setting up libasprintf-dev:amd64 (0.19.7-2ubuntu3) ...
Setting up libbluetooth3:amd64 (5.37-0ubuntu5.1) ...
Setting up libwebrtc-audio-processing-0:amd64 (0.1-3ubuntu1~gcc5.1) ...
Setting up libpulsedsp:amd64 (1:8.0-0ubuntu3.10) ...
Setting up pulseaudio-utils (1:8.0-0ubuntu3.10) ...
Setting up pulseaudio (1:8.0-0ubuntu3.10) ...
Adding user pulse to group audio
Setting up libcanberra-pulse:amd64 (0.30-2.1ubuntu1) ...
Setting up libhtml-tagset-perl (3.20-2) ...
Setting up liburi-perl (1.71-1) ...
Setting up libhtml-parser-perl (3.72-1) ...
Setting up libcgi-pm-perl (4.26-1) ...
Setting up libfcgi-perl (0.77-1build1) ...
Setting up libcgi-fast-perl (1:2.10-1) ...
Setting up libcgmanager0:amd64 (0.39-2ubuntu5) ...
Setting up libcheese8:amd64 (3.18.1-2ubuntu3) ...
Setting up libclutter-gtk-1.0-0:amd64 (1.6.6-1) ...
Setting up libcheese-gtk25:amd64 (3.18.1-2ubuntu3) ...
Setting up libsub-name-perl (0.14-1build1) ...
Setting up libclass-accessor-perl (0.34-1) ...
Setting up libclone-perl (0.38-1build1) ...
Setting up libclutter-1.0-common (1.24.2-1) ...
Setting up libcogl-common (1.22.0-2) ...
Setting up libdata-alias-perl (1.20-1build1) ...
Setting up libdigest-hmac-perl (1.03+dfsg-1) ...
Setting up libtimedate-perl (2.3000-2) ...
Setting up libnet-ssleay-perl (1.72-1build1) ...
```

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Setting up libio-socket-ssl-perl (2.024-1) ...
Setting up libnet-smtp-ssl-perl (1.03-1) ...
Setting up libmailtools-perl (2.13-1) ...
Setting up libsocket6-perl (0.25-1build2) ...
Setting up libio-socket-inet6-perl (2.72-2) ...
Setting up libnet-ip-perl (1.26-1) ...
Setting up libnet-dns-perl (0.81-2build1) ...
Setting up libnet-domain-tld-perl (1.73-1) ...
Setting up libemail-valid-perl (1.198-1) ...
Setting up libencode-locale-perl (1.05-1) ...
Setting up libexporter-tiny-perl (0.042-1) ...
Setting up libfcitx-config4:amd64 (1:4.2.9.1-1ubuntu1.16.04.2) ...
Setting up libipc-system-simple-perl (1.25-3) ...
Setting up libfile-basedir-perl (0.07-1) ...
Setting up libgeonames0:amd64 (0.2+16.04.20160321-0ubuntu1) ...
Setting up libgettextpo0:amd64 (0.19.7-2ubuntu3) ...
Setting up libgettextpo-dev:amd64 (0.19.7-2ubuntu3) ...
Setting up libgnome-menu-3-0:amd64 (3.13.3-6ubuntu3.1) ...
Setting up libgtop2-common (2.32.0-1) ...
Setting up libgtop-2.0-10:amd64 (2.32.0-1) ...
Setting up libhttp-date-perl (6.02-1) ...
Setting up libio-html-perl (1.001-1) ...
Setting up liblwp-mediatypes-perl (6.02-1) ...
Setting up libhttp-message-perl (6.11-1) ...
Setting up libio-pty-perl (1:1.08-1.1build1) ...
Setting up libio-string-perl (1.08-3) ...
Setting up libipc-run-perl (0.94-1) ...
Setting up liblist-moreutils-perl (0.413-1build1) ...
Setting up libmbim-glib4:amd64 (1.14.0-1ubuntu0.16.04.1) ...
Setting up libmbim-proxy (1.14.0-1ubuntu0.16.04.1) ...
Setting up libmm-glib0:amd64 (1.6.4-1ubuntu0.16.04.1) ...
Setting up libmtp-runtime (1.1.10-2ubuntu1) ...
Setting up libndp0:amd64 (1.4-2ubuntu0.16.04.1) ...
Setting up libnet-libidn-perl (0.12.ds-2build2) ...
Setting up libnm-gtk-common (1.2.6-0ubuntu0.16.04.4) ...
Setting up libnm-gtk0:amd64 (1.2.6-0ubuntu0.16.04.4) ...
Setting up libnm0:amd64 (1.2.6-0ubuntu0.16.04.2) ...
Setting up libnma-common (1.2.6-0ubuntu0.16.04.4) ...
Setting up libnma0:amd64 (1.2.6-0ubuntu0.16.04.4) ...
Setting up libnss-mdns:amd64 (0.10-7) ...
First installation detected...
Checking NSS setup...
Setting up libparse-debianchangelog-perl (1.2.0-8) ...
Setting up libperlio-gzip-perl (0.19-1build1) ...
Setting up libpulse-mainloop-glib0:amd64 (1:8.0-0ubuntu3.10) ...
Setting up libpwquality-common (1.3.0-0ubuntu1) ...
Setting up libpwquality1:amd64 (1.3.0-0ubuntu1) ...
Setting up libqmi-glib5:amd64 (1.16.2-1ubuntu0.16.04.1) ...
Setting up libqmi-proxy (1.16.2-1ubuntu0.16.04.1) ...
Setting up libsignon-qt5-1:amd64 (8.58+16.04.20151106-0ubuntu1) ...
Setting up libtext-levenshtein-perl (0.13-1) ...
Setting up libtimezonemap-data (0.4.5) ...
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Setting up libtimezonemap1:amd64 (0.4.5) ...
Setting up libunity-control-center1 (15.04.0+16.04.20171130-0ubuntu1) ...
Setting up libunity-settings-daemon1:amd64 (15.04.1+16.04.20160701-0ubuntu1) ...
Setting up libwacom-bin (0.22-1~ubuntu16.04.1) ...
Setting up libwebkit2gtk-4.0-37-gtk2:amd64 (2.20.2-0ubuntu0.16.04.1) ...
Setting up libx11-doc (2:1.6.3-1ubuntu2) ...
Setting up libyaml-libyaml-perl (0.41-6build1) ...
Setting up hardening-includes (2.7ubuntu2) ...
Setting up patchutils (0.3.4-1) ...
Setting up t1utils (1.39-2) ...
Setting up lintian (2.5.43ubuntu0.1) ...
Setting up mesa-vdpau-drivers:amd64 (17.2.8-0ubuntu0~16.04.1) ...
Setting up modemmanager (1.6.4-1ubuntu0.16.04.1) ...
Setting up mousetweaks (3.12.0-1ubuntu2) ...
Setting up nautilus-data (1:3.18.4.is.3.14.3-0ubuntu6) ...
Setting up wpasupplicant (2.4-0ubuntu6.2) ...
Setting up network-manager (1.2.6-0ubuntu0.16.04.2) ...
Setting up network-manager-gnome (1.2.6-0ubuntu0.16.04.4) ...
Setting up ppp (2.4.7-1+2ubuntu1) ...
Setting up pptp-linux (1.8.0-1) ...
Setting up network-manager-pptp (1.1.93-1ubuntu1) ...
Setting up notification-daemon (3.18.2-1) ...
Setting up bbswitch-dkms (0.8-3ubuntu1) ...
Loading new bbswitch-0.8 DKMS files...
First Installation: checking all kernels...
Building only for 4.4.0-1060-aws
Building initial module for 4.4.0-1060-aws
Done.

bbswitch:
Running module version sanity check.
 - Original module
   - No original module exists within this kernel
 - Installation
   - Installing to /lib/modules/4.4.0-1060-aws/updates/dkms/

depmod....

DKMS: install completed.
Setting up nvidia-prime (0.8.2) ...
Setting up pulseaudio-module-x11 (1:8.0-0ubuntu3.10) ...
Setting up python3-bs4 (4.4.1-1) ...
Setting up python3-cairo (1.10.0+dfsg-5build1) ...
Setting up python3-cups (1.9.73-0ubuntu2) ...
Setting up python3-cupshelpers (1.5.7+20160212-0ubuntu2) ...
Setting up python3-html5lib (0.999-4) ...
Setting up python3-lxml (3.5.0-1build1) ...
Setting up qttranslations5-l10n (5.5.1-2build1) ...
Setting up rtkit (0.11-4) ...
Setting up signon-keyring-extension (0.6+14.10.20140513-0ubuntu2) ...
Setting up signon-plugin-password (8.58+16.04.20151106-0ubuntu1) ...
Setting up signon-ui-service (0.17+16.04.20151125-0ubuntu1) ...
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Setting up signon-ui-x11 (0.17+16.04.20151125-0ubuntu1) ...
Setting up signon-ui (0.17+16.04.20151125-0ubuntu1) ...
Setting up system-config-printer-common (1.5.7+20160212-0ubuntu2) ...
Setting up python3-defer (1.0.6-2build1) ...
Setting up python3-aptdaemon (1.1.1+bzr982-0ubuntu14) ...
Setting up python3-aptdaemon.pkcompat (1.1.1+bzr982-0ubuntu14) ...
Setting up system-config-printer-gnome (1.5.7+20160212-0ubuntu2) ...
Setting up system-config-printer-udev (1.5.7+20160212-0ubuntu2) ...
Setting up ubuntu-system-service (0.3) ...
Setting up ubuntu-touch-sounds (15.08) ...
Setting up unity-settings-daemon (15.04.1+16.04.20160701-0ubuntu1) ...
Setting up indicator-sound (12.10.2+16.04.20160406-0ubuntu1) ...
Setting up unity-control-center-faces (15.04.0+16.04.20171130-0ubuntu1) ...
Setting up upstart (1.13.2-0ubuntu21.1) ...
Generating grub configuration file ...
Found linux image: /boot/vmlinuz-4.4.0-1060-aws
Found initrd image: /boot/initrd.img-4.4.0-1060-aws
Found linux image: /boot/vmlinuz-4.4.0-1049-aws
Found initrd image: /boot/initrd.img-4.4.0-1049-aws
done
Setting up unity-greeter (16.04.2-0ubuntu1) ...
Setting up usbmuxd (1.1.0-2) ...
Warning: The home dir /var/lib/usbmux you specified can't be accessed: No such f
ile or directory
Adding system user `usbmux' (UID 118) ...
Adding new user `usbmux' (UID 118) with group `plugdev' ...
Not creating home directory `/var/lib/usbmux'.
Setting up vdpau-driver-all:amd64 (1.1.1-3ubuntu1) ...
Setting up wamerican (7.1-1) ...
Setting up xfonts-encodings (1:1.0.4-2) ...
Setting up xfonts-utils (1:7.7+3ubuntu0.16.04.2) ...
Setting up xfonts-base (1:1.0.4+nmu1) ...
Setting up xserver-xorg-input-evdev (1:2.10.1-1ubuntu2) ...
Setting up xserver-xorg-input-synaptics (1.8.2-1ubuntu3) ...
Setting up xserver-xorg-input-vmmouse (1:13.1.0-1ubuntu2) ...
Setting up xserver-xorg-input-wacom (1:0.32.0-0ubuntu3) ...
Setting up xserver-xorg-input-all (1:7.7+13ubuntu3) ...
Setting up xserver-xorg (1:7.7+13ubuntu3) ...
Setting up aptdaemon (1.1.1+bzr982-0ubuntu14) ...
Setting up cups-pk-helper (0.2.5-2ubuntu2) ...
Setting up ippusbxd (1.23-1) ...
Setting up libauthen-sasl-perl (2.1600-1) ...
Setting up libcanberra-gtk3-module:amd64 (0.30-2.1ubuntu1) ...
Setting up mobile-broadband-provider-info (20140317-1) ...
Setting up usb-modeswitch-data (20151101-1) ...
Setting up usb-modeswitch (2.2.5+repack0-1ubuntu1) ...
Setting up indicator-bluetooth (0.0.6+16.04.20160526-0ubuntu1) ...
Setting up unity-control-center (15.04.0+16.04.20171130-0ubuntu1) ...
Setting up unity-control-center-signon (0.1.8+16.04.20160201-0ubuntu1) ...
Processing triggers for libc-bin (2.23-0ubuntu10) ...
Processing triggers for dbus (1.10.6-1ubuntu3.3) ...
Processing triggers for systemd (229-4ubuntu21.2) ...
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Processing triggers for ureadahead (0.100.0-19) ...
Processing triggers for dictionaries-common (1.26.3) ...
aspell-autobuildhash: processing: en [en-common].
aspell-autobuildhash: processing: en [en-variant_0].
aspell-autobuildhash: processing: en [en-variant_1].
aspell-autobuildhash: processing: en [en-variant_2].
aspell-autobuildhash: processing: en [en-w_accents-only].
aspell-autobuildhash: processing: en [en-wo_accents-only].
aspell-autobuildhash: processing: en [en_CA-variant_0].
aspell-autobuildhash: processing: en [en_CA-variant_1].
aspell-autobuildhash: processing: en [en_CA-w_accents-only].
aspell-autobuildhash: processing: en [en_CA-wo_accents-only].
aspell-autobuildhash: processing: en [en_GB-ise-w_accents-only].
aspell-autobuildhash: processing: en [en_GB-ise-wo_accents-only].
aspell-autobuildhash: processing: en [en_GB-ize-w_accents-only].
aspell-autobuildhash: processing: en [en_GB-ize-wo_accents-only].
aspell-autobuildhash: processing: en [en_GB-variant_0].
aspell-autobuildhash: processing: en [en_GB-variant_1].
aspell-autobuildhash: processing: en [en_US-w_accents-only].
aspell-autobuildhash: processing: en [en_US-wo_accents-only].
Processing triggers for initramfs-tools (0.122ubuntu8.11) ...
update-initramfs: Generating /boot/initrd.img-4.4.0-1060-aws
W: mdadm: /etc/mdadm/mdadm.conf defines no arrays.
ubuntu@ip-172-31-38-67:~/debCUDAtoolkit$ /sbin/modprobe nvidia^C
ubuntu@ip-172-31-38-67:~/debCUDAtoolkit$ sudo /sbin/modprobe nvidia
ubuntu@ip-172-31-38-67:~/debCUDAtoolkit$ cd
ubuntu@ip-172-31-38-67:~$ ls /dev/n
net/                   null                nvidia-uvm
network_latency        nvidia0
network_throughput     nvidiactl
ubuntu@ip-172-31-38-67:~$ ls /dev/nvidia
ls: cannot access '/dev/nvidia': No such file or directory
ubuntu@ip-172-31-38-67:~$ /sbin/modprobe nvidia^C
ubuntu@ip-172-31-38-67:~$ sudo /sbin/modprobe nvidia
ubuntu@ip-172-31-38-67:~$ sudo /sbin/modprobe nvidia0
modprobe: FATAL: Module nvidia0 not found in directory /lib/modules/4.4.0-1060-a
ws
ubuntu@ip-172-31-38-67:~$ sudo /sbin/modprobe nvidia-uvm
ubuntu@ip-172-31-38-67:~$
ubuntu@ip-172-31-38-67:~$ ls
cuda_9.2.88_396.26_linux  data                github-AWS-id_rsa
cudnn1                    debCUDAtoolkit      github-AWS-id_rsa.pub
cudnn1-1                  debCUDNN            NVIDIA_CUDA-9.2_Samples
cudnn2                    downloads-cudnn.tar.xz  tcss555.zip
cudnn_samples_v7          github
ubuntu@ip-172-31-38-67:~$ cd NVIDIA_CUDA-9.2_Samples/
0_Simple/        3_Imaging/       6_Advanced/
1_Utilities/     4_Finance/       7_CUDALibraries/
2_Graphics/      5_Simulations/   common/
ubuntu@ip-172-31-38-67:~$ cd cudnn_samples_v7/
conv_sample/ mnistCUDNN/  RNN/
ubuntu@ip-172-31-38-67:~$ cd cudnn_samples_v7/mnistCUDNN/
```

```
data/        FreeImage/
ubuntu@ip-172-31-38-67:~$ cd cudnn_samples_v7/mnistCUDNN/
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/mnistCUDNN$ ls
data          fp16_dev.h    fp16_emu.h  gemv.h        mnistCUDNN.cpp
error_util.h  fp16_dev.o    fp16_emu.o  Makefile      mnistCUDNN.o
fp16_dev.cu   fp16_emu.cpp  FreeImage   mnistCUDNN    readme.txt
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/mnistCUDNN$ ./mnistCUDNN
cudnnGetVersion() : 7104 , CUDNN_VERSION from cudnn.h : 7104 (7.1.4)
Host compiler version : GCC 5.4.0
There are 1 CUDA capable devices on your machine :
device 0 : sms  8  Capabilities 3.0, SmClock 797.0 Mhz, MemSize (Mb) 4037, MemCl
ock 2500.0 Mhz, Ecc=0, boardGroupID=0
Using device 0

Testing single precision
Loading image data/one_28x28.pgm
Performing forward propagation ...
Testing cudnnGetConvolutionForwardAlgorithm ...
Fastest algorithm is Algo 2
Testing cudnnFindConvolutionForwardAlgorithm ...
^^^^ CUDNN_STATUS_SUCCESS for Algo 0: 0.036736 time requiring 0 memory
^^^^ CUDNN_STATUS_SUCCESS for Algo 1: 0.037120 time requiring 100 memory
^^^^ CUDNN_STATUS_SUCCESS for Algo 2: 0.063584 time requiring 57600 memory
^^^^ CUDNN_STATUS_SUCCESS for Algo 5: 0.157088 time requiring 203008 memory
^^^^ CUDNN_STATUS_SUCCESS for Algo 4: 0.164384 time requiring 207360 memory
Resulting weights from Softmax:
0.0000000 0.9999399 0.0000000 0.0000000 0.0000561 0.0000000 0.0000012 0.0000017
0.0000010 0.0000000
Loading image data/three_28x28.pgm
Performing forward propagation ...
Resulting weights from Softmax:
0.0000000 0.0000000 0.0000000 0.9999288 0.0000000 0.0000711 0.0000000 0.0000000
0.0000000 0.0000000
Loading image data/five_28x28.pgm
Performing forward propagation ...
Resulting weights from Softmax:
0.0000000 0.0000008 0.0000000 0.0000002 0.0000000 0.9999820 0.0000154 0.0000000
0.0000012 0.0000006

Result of classification: 1 3 5

Test passed!

Testing half precision (math in single precision)
Loading image data/one_28x28.pgm
Performing forward propagation ...
Testing cudnnGetConvolutionForwardAlgorithm ...
Fastest algorithm is Algo 2
Testing cudnnFindConvolutionForwardAlgorithm ...
^^^^ CUDNN_STATUS_SUCCESS for Algo 1: 0.036000 time requiring 100 memory
^^^^ CUDNN_STATUS_SUCCESS for Algo 0: 0.039808 time requiring 0 memory
^^^^ CUDNN_STATUS_SUCCESS for Algo 2: 0.072288 time requiring 28800 memory
```

```
^^^^ CUDNN_STATUS_SUCCESS for Algo 4: 0.143584 time requiring 207360 memory
^^^^ CUDNN_STATUS_SUCCESS for Algo 5: 0.146272 time requiring 203008 memory
Resulting weights from Softmax:
0.0000001 1.0000000 0.0000001 0.0000000 0.0000563 0.0000001 0.0000012 0.0000017
0.0000010 0.0000001
Loading image data/three_28x28.pgm
Performing forward propagation ...
Resulting weights from Softmax:
0.0000000 0.0000000 0.0000000 1.0000000 0.0000000 0.0000714 0.0000000 0.0000000
0.0000000 0.0000000
Loading image data/five_28x28.pgm
Performing forward propagation ...
Resulting weights from Softmax:
0.0000000 0.0000008 0.0000000 0.0000002 0.0000000 1.0000000 0.0000154 0.0000000
0.0000012 0.0000006

Result of classification: 1 3 5

Test passed!
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/mnistCUDNN$ cd ..
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7$ ls
conv_sample  mnistCUDNN  RNN
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7$ cd RNN/
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/RNN$ ls
compare.py    golden_2.txt  golden_4.txt  RNN_example.cu
golden_1.txt  golden_3.txt  Makefile
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/RNN$ make clean && make -j6
rm -rf *o
rm -rf RNN
/usr/local/cuda/bin/nvcc -ccbin g++ -I/usr/local/cuda/include -I.  -m64     -genc
ode arch=compute_30,code=sm_30 -gencode arch=compute_35,code=sm_35 -gencode arch
=compute_50,code=sm_50 -gencode arch=compute_53,code=sm_53 -gencode arch=compute
_53,code=compute_53 -o RNN_example.o -c RNN_example.cu
/usr/local/cuda/bin/nvcc -ccbin g++   -m64       -gencode arch=compute_30,code=sm
_30 -gencode arch=compute_35,code=sm_35 -gencode arch=compute_50,code=sm_50 -gen
code arch=compute_53,code=sm_53 -gencode arch=compute_53,code=compute_53 -o RNN
RNN_example.o  -L. -lcublas -lcudnn -lcudart -lstdc++ -lm
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/RNN$ ls
compare.py    golden_2.txt  golden_4.txt  RNN             RNN_example.o
golden_1.txt  golden_3.txt  Makefile      RNN_example.cu
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/RNN$ ./RNN
Usage:
./RNN <seqLength> <numLayers> <hiddenSize> <miniBatch> <mode>
Modes: 0 = RNN_RELU, 1 = RNN_TANH, 2 = LSTM, 3 = GRU
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/RNN$ ./RNN 8000 20 18 100 0
Forward:   7 GFLOPS
Backward:   8 GFLOPS, (  7 GFLOPS), ( 10 GFLOPS)
i checksum 3.239986E+07      h checksum 8.085938E+04
di checksum 1.125000E+02     dh checksum 1.125000E+02
dw checksum 1.347817E+09
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/RNN$ ./RNN 80000 200 198 1000 0
CUDA Error: out of memory RNN_example.cu 141
```

```
CUDA Error: out of memory RNN_example.cu 145
CUDA Error: out of memory RNN_example.cu 149
CUDA Error: out of memory RNN_example.cu 153
CUDA Error: out of memory RNN_example.cu 329
CUDA Error: an illegal memory access was encountered RNN_example.cu 430
CUDA Error: an illegal memory access was encountered RNN_example.cu 434
CUDA Error: an illegal memory access was encountered RNN_example.cu 435
CUDA Error: an illegal memory access was encountered RNN_example.cu 437
cuDNN Error: CUDNN_STATUS_EXECUTION_FAILED RNN_example.cu 480
Segmentation fault (core dumped)
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/RNN$ ./RNN 10000 200 198 1000 0
CUDA Error: out of memory RNN_example.cu 141
CUDA Error: out of memory RNN_example.cu 145
CUDA Error: out of memory RNN_example.cu 149
CUDA Error: out of memory RNN_example.cu 153
CUDA Error: out of memory RNN_example.cu 329
CUDA Error: an illegal memory access was encountered RNN_example.cu 430
CUDA Error: an illegal memory access was encountered RNN_example.cu 434
CUDA Error: an illegal memory access was encountered RNN_example.cu 435
CUDA Error: an illegal memory access was encountered RNN_example.cu 437
cuDNN Error: CUDNN_STATUS_EXECUTION_FAILED RNN_example.cu 480
Segmentation fault (core dumped)
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/RNN$ ./RNN 10000 100 98 500 0
CUDA Error: out of memory RNN_example.cu 149
CUDA Error: out of memory RNN_example.cu 153
cuDNN Error: CUDNN_STATUS_EXECUTION_FAILED RNN_example.cu 253
CUDA Error: out of memory RNN_example.cu 328
CUDA Error: out of memory RNN_example.cu 329
CUDA Error: an illegal memory access was encountered RNN_example.cu 430
CUDA Error: an illegal memory access was encountered RNN_example.cu 434
CUDA Error: an illegal memory access was encountered RNN_example.cu 435
CUDA Error: operation not supported RNN_example.cu 437
cuDNN Error: CUDNN_STATUS_EXECUTION_FAILED RNN_example.cu 480
Segmentation fault (core dumped)
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/RNN$ ./RNN 9000 50 48 500 0
CUDA Error: out of memory RNN_example.cu 329
cuDNN Error: CUDNN_STATUS_EXECUTION_FAILED RNN_example.cu 480
CUDA Error: an illegal memory access was encountered RNN_example.cu 482
CUDA Error: an illegal memory access was encountered RNN_example.cu 483
CUDA Error: an illegal memory access was encountered RNN_example.cu 484
CUDA Error: an illegal memory access was encountered RNN_example.cu 486
cuDNN Error: CUDNN_STATUS_EXECUTION_FAILED RNN_example.cu 514
CUDA Error: an illegal memory access was encountered RNN_example.cu 516
CUDA Error: an illegal memory access was encountered RNN_example.cu 517
CUDA Error: an illegal memory access was encountered RNN_example.cu 518
CUDA Error: an illegal memory access was encountered RNN_example.cu 520
CUDA Error: an illegal memory access was encountered RNN_example.cu 523
cuDNN Error: CUDNN_STATUS_EXECUTION_FAILED RNN_example.cu 539
CUDA Error: an illegal memory access was encountered RNN_example.cu 543
CUDA Error: an illegal memory access was encountered RNN_example.cu 545
CUDA Error: an illegal memory access was encountered RNN_example.cu 546
Forward: inf GFLOPS
```

```
Backward: 14161331127853270843640658675105792 GFLOPS, (49325680259917973489374436
310417455191338772332254400 GFLOPS), (7080665563926635421820329337552896 GFLOPS)
CUDA Error: an illegal memory access was encountered RNN_example.cu 590
CUDA Error: an illegal memory access was encountered RNN_example.cu 591
i checksum 0.000000E+00      h checksum 8.076468E-24
CUDA Error: an illegal memory access was encountered RNN_example.cu 641
CUDA Error: an illegal memory access was encountered RNN_example.cu 642
di checksum 0.000000E+00      dh checksum 8.076468E-24
CUDA Error: an illegal memory access was encountered RNN_example.cu 688
dw checksum 8.036928E-24
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/RNN$ ./RNN 9000 50 48 100 0
CUDA Error: out of memory RNN_example.cu 329
cuDNN Error: CUDNN_STATUS_EXECUTION_FAILED RNN_example.cu 480
CUDA Error: an illegal memory access was encountered RNN_example.cu 482
CUDA Error: an illegal memory access was encountered RNN_example.cu 483
CUDA Error: an illegal memory access was encountered RNN_example.cu 484
CUDA Error: an illegal memory access was encountered RNN_example.cu 486
cuDNN Error: CUDNN_STATUS_EXECUTION_FAILED RNN_example.cu 514
CUDA Error: an illegal memory access was encountered RNN_example.cu 516
CUDA Error: an illegal memory access was encountered RNN_example.cu 517
CUDA Error: an illegal memory access was encountered RNN_example.cu 518
CUDA Error: an illegal memory access was encountered RNN_example.cu 520
CUDA Error: an illegal memory access was encountered RNN_example.cu 523
cuDNN Error: CUDNN_STATUS_EXECUTION_FAILED RNN_example.cu 539
CUDA Error: an illegal memory access was encountered RNN_example.cu 543
CUDA Error: an illegal memory access was encountered RNN_example.cu 545
CUDA Error: an illegal memory access was encountered RNN_example.cu 546
Forward: inf GFLOPS
Backward: 524469065040555986289858599623872 GFLOPS, (98651360519835946978748726
2083491038267775446650880 GFLOPS), (262234532520277993144929299831936 GFLOPS)
CUDA Error: an illegal memory access was encountered RNN_example.cu 590
CUDA Error: an illegal memory access was encountered RNN_example.cu 591
i checksum 0.000000E+00      h checksum 5.736434E+33
CUDA Error: an illegal memory access was encountered RNN_example.cu 641
CUDA Error: an illegal memory access was encountered RNN_example.cu 642
di checksum 0.000000E+00      dh checksum 5.736434E+33
CUDA Error: an illegal memory access was encountered RNN_example.cu 688
dw checksum 5.736434E+33
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/RNN$ ./RNN 8000 20 18 100 0
^[[AForward:    7 GFLOPS
Backward:   9 GFLOPS, (   7 GFLOPS), ( 10 GFLOPS)
i checksum 3.239986E+07      h checksum 8.085938E+04
di checksum 1.125000E+02     dh checksum 1.125000E+02
dw checksum 1.347817E+09
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/RNN$ ./RNN 12000 40 38 100 0
CUDA Error: out of memory RNN_example.cu 329
cuDNN Error: CUDNN_STATUS_EXECUTION_FAILED RNN_example.cu 480
CUDA Error: an illegal memory access was encountered RNN_example.cu 482
CUDA Error: an illegal memory access was encountered RNN_example.cu 483
CUDA Error: an illegal memory access was encountered RNN_example.cu 484
CUDA Error: an illegal memory access was encountered RNN_example.cu 486
cuDNN Error: CUDNN_STATUS_EXECUTION_FAILED RNN_example.cu 514
```

```
CUDA Error: an illegal memory access was encountered RNN_example.cu 516
CUDA Error: an illegal memory access was encountered RNN_example.cu 517
CUDA Error: an illegal memory access was encountered RNN_example.cu 518
CUDA Error: an illegal memory access was encountered RNN_example.cu 520
CUDA Error: an illegal memory access was encountered RNN_example.cu 523
cuDNN Error: CUDNN_STATUS_EXECUTION_FAILED RNN_example.cu 539
CUDA Error: an illegal memory access was encountered RNN_example.cu 543
CUDA Error: an illegal memory access was encountered RNN_example.cu 545
CUDA Error: an illegal memory access was encountered RNN_example.cu 546
Forward: inf GFLOPS
Backward: 12353950107487473697210028638886336 GFLOPS, (65950261384556994183941278
07632227126197395600179 2 GFLOPS), (61769750537437368486050143194 3168 GFLOPS)
CUDA Error: an illegal memory access was encountered RNN_example.cu 590
CUDA Error: an illegal memory access was encountered RNN_example.cu 591
i checksum 0.000000E+00       h checksum -9.501610E+35
CUDA Error: an illegal memory access was encountered RNN_example.cu 641
CUDA Error: an illegal memory access was encountered RNN_example.cu 642
di checksum 0.000000E+00       dh checksum -9.501610E+35
CUDA Error: an illegal memory access was encountered RNN_example.cu 688
dw checksum -9.501610E+35
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/RNN$ ./RNN 12000 20 18 100 0
Forward:    7 GFLOPS
Backward:    8 GFLOPS, (   7 GFLOPS), (  10 GFLOPS)
i checksum 4.859986E+07       h checksum 8.085938E+04
di checksum 1.125000E+02       dh checksum 1.125000E+02
dw checksum 2.020105E+09
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/RNN$ ./RNN 16000 20 18 100 0
CUDA Error: out of memory RNN_example.cu 329
cuDNN Error: CUDNN_STATUS_EXECUTION_FAILED RNN_example.cu 480
CUDA Error: an illegal memory access was encountered RNN_example.cu 482
CUDA Error: an illegal memory access was encountered RNN_example.cu 483
CUDA Error: an illegal memory access was encountered RNN_example.cu 484
CUDA Error: an illegal memory access was encountered RNN_example.cu 486
cuDNN Error: CUDNN_STATUS_EXECUTION_FAILED RNN_example.cu 514
CUDA Error: an illegal memory access was encountered RNN_example.cu 516
CUDA Error: an illegal memory access was encountered RNN_example.cu 517
CUDA Error: an illegal memory access was encountered RNN_example.cu 518
CUDA Error: an illegal memory access was encountered RNN_example.cu 520
CUDA Error: an illegal memory access was encountered RNN_example.cu 523
cuDNN Error: CUDNN_STATUS_EXECUTION_FAILED RNN_example.cu 539
CUDA Error: an illegal memory access was encountered RNN_example.cu 543
CUDA Error: an illegal memory access was encountered RNN_example.cu 545
CUDA Error: an illegal memory access was encountered RNN_example.cu 546
Forward: inf GFLOPS
Backward: 4355501226485654220623822874214 4 GFLOPS, (98651360519835946978748726 20
834910382677544665088 GFLOPS), (21777506132428271103119114371072 GFLOPS)
CUDA Error: an illegal memory access was encountered RNN_example.cu 590
CUDA Error: an illegal memory access was encountered RNN_example.cu 591
i checksum 0.000000E+00       h checksum -3.945583E-08
CUDA Error: an illegal memory access was encountered RNN_example.cu 641
CUDA Error: an illegal memory access was encountered RNN_example.cu 642
di checksum 0.000000E+00       dh checksum -3.945583E-08
```

```
CUDA Error: an illegal memory access was encountered RNN_example.cu 688
dw checksum -1.578304E-08
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7/RNN$ cd ..
ubuntu@ip-172-31-38-67:~/cudnn_samples_v7$ cd
ubuntu@ip-172-31-38-67:~$ mkdir examples
ubuntu@ip-172-31-38-67:~$ cd examples/
ubuntu@ip-172-31-38-67:~/examples$ git clone https://github.com/tensorflow/model
s.git
Cloning into 'models'...
remote: Counting objects: 17334, done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 17334 (delta 2), reused 2 (delta 2), pack-reused 17330
Receiving objects: 100% (17334/17334), 469.83 MiB | 53.70 MiB/s, done.
Resolving deltas: 100% (10313/10313), done.
Checking connectivity... done.
ubuntu@ip-172-31-38-67:~/examples$ ls
models
ubuntu@ip-172-31-38-67:~/examples$ cd models/
ubuntu@ip-172-31-38-67:~/examples/models$ ls
AUTHORS      CONTRIBUTING.md    LICENSE    README.md    samples      WORKSPACE
CODEOWNERS   ISSUE_TEMPLATE.md  official   research     tutorials
ubuntu@ip-172-31-38-67:~/examples/models$ cd
ubuntu@ip-172-31-38-67:~$ sudo pip3 install numpy pandas scipy sklearn cudatree
cupy pycuda pytorch-fft scikits-cuda cuda4py scikit-cuda
The directory '/home/ubuntu/.cache/pip/http' or its parent directory is not owne
d by the current user and the cache has been disabled. Please check the permissi
ons and owner of that directory. If executing pip with sudo, you may want sudo's
 -H flag.
The directory '/home/ubuntu/.cache/pip' or its parent directory is not owned by
the current user and caching wheels has been disabled. check the permissions and
 owner of that directory. If executing pip with sudo, you may want sudo's -H fla
g.
Collecting numpy
  Downloading https://files.pythonhosted.org/packages/7b/61/11b05cc37ccdaabad89f
04dbdc2a02905cf6de6f9b05816dba843beed328/numpy-1.14.3-cp35-cp35m-manylinux1_x86_
64.whl (12.1MB)
    100% |████████████████████████████████| 12.1MB 6.8MB/s
Collecting pandas
  Downloading https://files.pythonhosted.org/packages/a5/c1/43966a4ce89d0c64111f
46c6364ed57d6d87e6fab7d685dca06197a19cf7/pandas-0.23.0-cp35-cp35m-manylinux1_x86
_64.whl (11.6MB)
    100% |████████████████████████████████| 11.6MB 7.8MB/s
Collecting scipy
^COperation cancelled by user
ubuntu@ip-172-31-38-67:~$ sudo pip3 install numpy pandas scipy sklearn cudatree
cupy pycuda pytorch-fft scikits-cuda cuda4py scikit-cuda tensorflow-gpu
The directory '/home/ubuntu/.cache/pip/http' or its parent directory is not owne
d by the current user and the cache has been disabled. Please check the permissi
ons and owner of that directory. If executing pip with sudo, you may want sudo's
 -H flag.
The directory '/home/ubuntu/.cache/pip' or its parent directory is not owned by
the current user and caching wheels has been disabled. check the permissions and
```

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 owner of that directory. If executing pip with sudo, you may want sudo's -H fla
g.
Collecting numpy
  Downloading https://files.pythonhosted.org/packages/7b/61/11b05cc37ccdaabad89f
04dbdc2a02905cf6de6f9b05816dba843beed328/numpy-1.14.3-cp35-cp35m-manylinux1_x86_
64.whl (12.1MB)
    100% |████████████████████████████████| 12.1MB 6.6MB/s
Collecting pandas
  Downloading https://files.pythonhosted.org/packages/a5/c1/43966a4ce89d0c64111f
46c6364ed57d6d87e6fab7d685dca06197a19cf7/pandas-0.23.0-cp35-cp35m-manylinux1_x86
_64.whl (11.6MB)
    100% |████████████████████████████████| 11.6MB 7.5MB/s
Collecting scipy
  Downloading https://files.pythonhosted.org/packages/cd/32/5196b64476bd41d596a8
aba43506e2403e019c90e1a3dfc21d51b83db5a6/scipy-1.1.0-cp35-cp35m-manylinux1_x86_6
4.whl (33.1MB)
    100% |████████████████████████████████| 33.1MB 2.8MB/s
Collecting sklearn
  Downloading https://files.pythonhosted.org/packages/1e/7a/dbb3be0ce9bd5c8b7e3d
87328e79063f8b263b2b1bfa4774cb1147bfcd3f/sklearn-0.0.tar.gz
Collecting cudatree
  Downloading https://files.pythonhosted.org/packages/e0/de/2ebf91c5953581589b91
32f40f306d0c3e877472fa4047c1969565ce1d44/cudatree-0.6.tar.gz
    Complete output from command python setup.py egg_info:
    Traceback (most recent call last):
      File "<string>", line 1, in <module>
      File "/tmp/pip-install-d6gf1yo1/cudatree/setup.py", line 3, in <module>
        import cudatree
      File "/tmp/pip-install-d6gf1yo1/cudatree/cudatree/__init__.py", line 1, in
 <module>
        from random_forest import RandomForestClassifier, convert_result
    ImportError: No module named 'random_forest'

    ----------------------------------------
Command "python setup.py egg_info" failed with error code 1 in /tmp/pip-install-
d6gf1yo1/cudatree/
ubuntu@ip-172-31-38-67:~$ sudo pip3 install numpy pandas scipy sklearn cupy pycu
da pytorch-fft scikits-cuda cuda4py scikit-cuda tensorflow-gpu
The directory '/home/ubuntu/.cache/pip/http' or its parent directory is not owne
d by the current user and the cache has been disabled. Please check the permissi
ons and owner of that directory. If executing pip with sudo, you may want sudo's
 -H flag.
The directory '/home/ubuntu/.cache/pip' or its parent directory is not owned by
the current user and caching wheels has been disabled. check the permissions and
 owner of that directory. If executing pip with sudo, you may want sudo's -H fla
g.
Collecting numpy
  Downloading https://files.pythonhosted.org/packages/7b/61/11b05cc37ccdaabad89f
04dbdc2a02905cf6de6f9b05816dba843beed328/numpy-1.14.3-cp35-cp35m-manylinux1_x86_
64.whl (12.1MB)
    100% |████████████████████████████████| 12.1MB 6.7MB/s
Collecting pandas
```

```
    Downloading https://files.pythonhosted.org/packages/a5/c1/43966a4ce89d0c64111f
46c6364ed57d6d87e6fab7d685dca06197a19cf7/pandas-0.23.0-cp35-cp35m-manylinux1_x86
_64.whl (11.6MB)
      100% |████████████████████████████████| 11.6MB 7.5MB/s
Collecting scipy
    Downloading https://files.pythonhosted.org/packages/cd/32/5196b64476bd41d596a8
aba43506e2403e019c90e1a3dfc21d51b83db5a6/scipy-1.1.0-cp35-cp35m-manylinux1_x86_6
4.whl (33.1MB)
      100% |████████████████████████████████| 33.1MB 2.8MB/s
Collecting sklearn
    Downloading https://files.pythonhosted.org/packages/1e/7a/dbb3be0ce9bd5c8b7e3d
87328e79063f8b263b2b1bfa4774cb1147bfcd3f/sklearn-0.0.tar.gz
Collecting cupy
    Downloading https://files.pythonhosted.org/packages/8f/89/bba5b25c8139f483dd3e
3bdafb95e84b6cb1f9babbcdd230c7231c395171/cupy-4.1.0.tar.gz (2.0MB)
      100% |████████████████████████████████| 2.0MB 31.0MB/s
Collecting pycuda
    Downloading https://files.pythonhosted.org/packages/b3/30/9e1c0a4c10e90b4c59ca
7aa3c518e96f37aabcac73ffe6b5d9658f6ef843/pycuda-2017.1.1.tar.gz (1.6MB)
      100% |████████████████████████████████| 1.6MB 35.9MB/s
    Complete output from command python setup.py egg_info:
    ***************************************************************
    *** WARNING: nvcc not in path.
    *** May need to set CUDA_INC_DIR for installation to succeed.
    ***************************************************************
    ***************************************************************
    *** I have detected that you have not run configure.py.
    ***************************************************************
    *** Additionally, no global config files were found.
    *** I will go ahead with the default configuration.
    *** In all likelihood, this will not work out.
    ***
    *** See README_SETUP.txt for more information.
    ***
    *** If the build does fail, just re-run configure.py with the
    *** correct arguments, and then retry. Good luck!
    ***************************************************************
    *** HIT Ctrl-C NOW IF THIS IS NOT WHAT YOU WANT
    ***************************************************************
    Continuing in 1 seconds...
    Traceback (most recent call last):
      File "<string>", line 1, in <module>
      File "/tmp/pip-install-axleqo6z/pycuda/setup.py", line 251, in <module>
        main()
      File "/tmp/pip-install-axleqo6z/pycuda/setup.py", line 231, in main
        extra_link_args=conf["LDFLAGS"],
      File "/tmp/pip-install-axleqo6z/pycuda/aksetup_helper.py", line 40, in __i
nit__
        self._include_dirs = self.include_dirs
      File "/tmp/pip-install-axleqo6z/pycuda/aksetup_helper.py", line 54, in get
_include_dirs
        return self._include_dirs + self.get_additional_include_dirs()
```

```
    File "/tmp/pip-install-axleqo6z/pycuda/aksetup_helper.py", line 51, in get
_additional_include_dirs
        return [self.get_numpy_incpath()]
    File "/tmp/pip-install-axleqo6z/pycuda/aksetup_helper.py", line 46, in get
_numpy_incpath
        file, pathname, descr = find_module("numpy")
    File "/usr/lib/python3.5/imp.py", line 296, in find_module
        raise ImportError(_ERR_MSG.format(name), name=name)
    ImportError: No module named 'numpy'

    ----------------------------------------
Command "python setup.py egg_info" failed with error code 1 in /tmp/pip-install-
axleqo6z/pycuda/
ubuntu@ip-172-31-38-67:~$ sudo pip3 install numpy pandas scipy sklearn cupy pyto
rch-fft scikits-cuda cuda4py scikit-cuda tensorflow-gpu
The directory '/home/ubuntu/.cache/pip/http' or its parent directory is not owne
d by the current user and the cache has been disabled. Please check the permissi
ons and owner of that directory. If executing pip with sudo, you may want sudo's
 -H flag.
The directory '/home/ubuntu/.cache/pip' or its parent directory is not owned by
the current user and caching wheels has been disabled. check the permissions and
 owner of that directory. If executing pip with sudo, you may want sudo's -H fla
g.
Collecting numpy
  Downloading https://files.pythonhosted.org/packages/7b/61/11b05cc37ccdaabad89f
04dbdc2a02905cf6de6f9b05816dba843beed328/numpy-1.14.3-cp35-cp35m-manylinux1_x86_
64.whl (12.1MB)
    100% |████████████████████████████████| 12.1MB 6.8MB/s
Collecting pandas
  Downloading https://files.pythonhosted.org/packages/a5/c1/43966a4ce89d0c64111f
46c6364ed57d6d87e6fab7d685dca06197a19cf7/pandas-0.23.0-cp35-cp35m-manylinux1_x86
_64.whl (11.6MB)
    100% |████████████████████████████████| 11.6MB 8.0MB/s
Collecting scipy
  Downloading https://files.pythonhosted.org/packages/cd/32/5196b64476bd41d596a8
aba43506e2403e019c90e1a3dfc21d51b83db5a6/scipy-1.1.0-cp35-cp35m-manylinux1_x86_6
4.whl (33.1MB)
    100% |████████████████████████████████| 33.1MB 2.8MB/s
Collecting sklearn
  Downloading https://files.pythonhosted.org/packages/1e/7a/dbb3be0ce9bd5c8b7e3d
87328e79063f8b263b2b1bfa4774cb1147bfcd3f/sklearn-0.0.tar.gz
Collecting cupy
  Downloading https://files.pythonhosted.org/packages/8f/89/bba5b25c8139f483dd3e
3bdafb95e84b6cb1f9babbcdd230c7231c395171/cupy-4.1.0.tar.gz (2.0MB)
    100% |████████████████████████████████| 2.0MB 33.4MB/s
Collecting pytorch-fft
  Downloading https://files.pythonhosted.org/packages/9d/63/9d4a93f1c197f2a0d4f0
a5ea7406da0d2bdc084be5826087c235da23eb4b/pytorch_fft-0.15.tar.gz
    Complete output from command python setup.py egg_info:
    Traceback (most recent call last):
      File "<string>", line 1, in <module>
      File "/tmp/pip-install-g15ia8zw/pytorch-fft/setup.py", line 6, in <module>
```

```
        import build
      File "/tmp/pip-install-g15ia8zw/pytorch-fft/build.py", line 2, in <module>
        import torch
    ImportError: No module named 'torch'

    ----------------------------------------
Command "python setup.py egg_info" failed with error code 1 in /tmp/pip-install-
g15ia8zw/pytorch-fft/
ubuntu@ip-172-31-38-67:~$ sudo pip3 install numpy pandas scipy sklearn cupy torc
h scikits-cuda cuda4py scikit-cuda tensorflow-gpu
The directory '/home/ubuntu/.cache/pip/http' or its parent directory is not owne
d by the current user and the cache has been disabled. Please check the permissi
ons and owner of that directory. If executing pip with sudo, you may want sudo's
 -H flag.
The directory '/home/ubuntu/.cache/pip' or its parent directory is not owned by
the current user and caching wheels has been disabled. check the permissions and
 owner of that directory. If executing pip with sudo, you may want sudo's -H fla
g.
Collecting numpy
  Downloading https://files.pythonhosted.org/packages/7b/61/11b05cc37ccdaabad89f
04dbdc2a02905cf6de6f9b05816dba843beed328/numpy-1.14.3-cp35-cp35m-manylinux1_x86_
64.whl (12.1MB)
    100% |████████████████████████████████| 12.1MB 6.8MB/s
Collecting pandas
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46c6364ed57d6d87e6fab7d685dca06197a19cf7/pandas-0.23.0-cp35-cp35m-manylinux1_x86
_64.whl (11.6MB)
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Collecting scipy
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aba43506e2403e019c90e1a3dfc21d51b83db5a6/scipy-1.1.0-cp35-cp35m-manylinux1_x86_6
4.whl (33.1MB)
    100% |████████████████████████████████| 33.1MB 2.9MB/s
Collecting sklearn
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87328e79063f8b263b2b1bfa4774cb1147bfcd3f/sklearn-0.0.tar.gz
Collecting cupy
  Downloading https://files.pythonhosted.org/packages/8f/89/bba5b25c8139f483dd3e
3bdafb95e84b6cb1f9babbcdd230c7231c395171/cupy-4.1.0.tar.gz (2.0MB)
    100% |████████████████████████████████| 2.0MB 34.4MB/s
Collecting torch
  Downloading https://files.pythonhosted.org/packages/33/65/e40bc02754ad2fd66e49
53e276d8c608cdb0e3b6b516fb485ea1efaeeea/torch-0.4.0-cp35-cp35m-manylinux1_x86_6
4.whl (484.0MB)
    100% |████████████████████████████████| 484.0MB 84kB/s
Collecting scikits-cuda
  Could not find a version that satisfies the requirement scikits-cuda (from ver
sions: )
No matching distribution found for scikits-cuda
ubuntu@ip-172-31-38-67:~$ sudo pip3 install numpy pandas scipy sklearn cupy torc
h cuda4py scikit-cuda tensorflow-gpu
The directory '/home/ubuntu/.cache/pip/http' or its parent directory is not owne
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Collecting numpy
  Downloading https://files.pythonhosted.org/packages/7b/61/11b05cc37ccdaabad89f
04dbdc2a02905cf6de6f9b05816dba843beed328/numpy-1.14.3-cp35-cp35m-manylinux1_x86_
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Collecting pandas
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Collecting scipy
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4.whl (33.1MB)
    100% |████████████████████████████████| 33.1MB 2.8MB/s
Collecting sklearn
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87328e79063f8b263b2b1bfa4774cb1147bfcd3f/sklearn-0.0.tar.gz
Collecting cupy
  Downloading https://files.pythonhosted.org/packages/8f/89/bba5b25c8139f483dd3e
3bdafb95e84b6cb1f9babbcdd230c7231c395171/cupy-4.1.0.tar.gz (2.0MB)
    100% |████████████████████████████████| 2.0MB 32.6MB/s
Collecting torch
  Downloading https://files.pythonhosted.org/packages/33/65/e40bc02754ad2fd66e49
53e276d8c608cdb0e3b6b516fb485ea1efaeeeea/torch-0.4.0-cp35-cp35m-manylinux1_x86_6
4.whl (484.0MB)
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Collecting cuda4py
  Downloading https://files.pythonhosted.org/packages/6b/b4/4b9d59fd81a743bf44e6
98d5306212a8bb8b746e98937fab6b5b7ea92aef/cuda4py-1.4.4.tar.gz (58kB)
    100% |████████████████████████████████| 61kB 28.4MB/s
Collecting scikit-cuda
  Downloading https://files.pythonhosted.org/packages/62/3e/0010193065a5c6e77091
78aac605ca4b892cff9428edf0240b2145995f54/scikit-cuda-0.5.1.tar.gz (121kB)
    100% |████████████████████████████████| 122kB 36.1MB/s
Collecting tensorflow-gpu
  Downloading https://files.pythonhosted.org/packages/f2/fa/01883fee1cdb4682bbd1
88edc26da5982c459e681543bb7f99299fca8800/tensorflow_gpu-1.8.0-cp35-cp35m-manylin
ux1_x86_64.whl (216.3MB)
    100% |████████████████████████████████| 216.3MB 341kB/s
Collecting pytz>=2011k (from pandas)
  Downloading https://files.pythonhosted.org/packages/dc/83/15f7833b70d3e067ca91
467ca245bae0f6fe56ddc7451aa0dc5606b120f2/pytz-2018.4-py2.py3-none-any.whl (510kB
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Collecting python-dateutil>=2.5.0 (from pandas)
  Downloading https://files.pythonhosted.org/packages/cf/f5/af2b09c957ace60dcfac
112b669c45c8c97e32f94aa8b56da4c6d1682825/python_dateutil-2.7.3-py2.py3-none-any.
whl (211kB)
    100% |████████████████████████████████| 215kB 40.6MB/s
Collecting scikit-learn (from sklearn)
  Downloading https://files.pythonhosted.org/packages/bf/53/8c9c950a3cfaec16069d
f196c0b76ab05b3d1f0527f6bb97a30f4dda5240/scikit_learn-0.19.1-cp35-cp35m-manylinu
x1_x86_64.whl (12.2MB)
    100% |████████████████████████████████| 12.2MB 13.6MB/s
Requirement already satisfied: six>=1.9.0 in /usr/lib/python3/dist-packages (fro
m cupy) (1.10.0)
Collecting fastrlock>=0.3 (from cupy)
  Downloading https://files.pythonhosted.org/packages/b0/44/1ab03348900e2e281b3b
1e28b2bbdf44cd6e697c46b8aa78459f1b634a1b/fastrlock-0.3-cp35-cp35m-manylinux1_x86
_64.whl (76kB)
    100% |████████████████████████████████| 81kB 34.7MB/s
Collecting cffi (from cuda4py)
  Downloading https://files.pythonhosted.org/packages/59/cc/0e1635b4951021ef35f5
c92b32c865ae605fac2a19d724fb6ff99d745c81/cffi-1.11.5-cp35-cp35m-manylinux1_x86_6
4.whl (420kB)
    100% |████████████████████████████████| 430kB 40.1MB/s
Collecting mako>=1.0.1 (from scikit-cuda)
  Downloading https://files.pythonhosted.org/packages/eb/f3/67579bb486517c0d4954
7f9697e36582cd19dafb5df9e687ed8e22de57fa/Mako-1.0.7.tar.gz (564kB)
    100% |████████████████████████████████| 573kB 37.0MB/s
Collecting pycuda>=2014.1 (from scikit-cuda)
  Downloading https://files.pythonhosted.org/packages/b3/30/9e1c0a4c10e90b4c59ca
7aa3c518e96f37aabcac73ffe6b5d9658f6ef843/pycuda-2017.1.1.tar.gz (1.6MB)
    100% |████████████████████████████████| 1.6MB 34.6MB/s
    Complete output from command python setup.py egg_info:
    ***********************************************************
    *** WARNING: nvcc not in path.
    *** May need to set CUDA_INC_DIR for installation to succeed.
    ***********************************************************
    ***********************************************************
    *** I have detected that you have not run configure.py.
    ***********************************************************
    *** Additionally, no global config files were found.
    *** I will go ahead with the default configuration.
    *** In all likelihood, this will not work out.
    ***
    *** See README_SETUP.txt for more information.
    ***
    *** If the build does fail, just re-run configure.py with the
    *** correct arguments, and then retry. Good luck!
    ***********************************************************
    *** HIT Ctrl-C NOW IF THIS IS NOT WHAT YOU WANT
    ***********************************************************
    Continuing in 1 seconds...
    Traceback (most recent call last):
      File "<string>", line 1, in <module>
```

```
    File "/tmp/pip-install-gv1wu2lg/pycuda/setup.py", line 251, in <module>
      main()
    File "/tmp/pip-install-gv1wu2lg/pycuda/setup.py", line 231, in main
      extra_link_args=conf["LDFLAGS"],
    File "/tmp/pip-install-gv1wu2lg/pycuda/aksetup_helper.py", line 40, in __i
nit__
      self._include_dirs = self.include_dirs
    File "/tmp/pip-install-gv1wu2lg/pycuda/aksetup_helper.py", line 54, in get
_include_dirs
      return self._include_dirs + self.get_additional_include_dirs()
    File "/tmp/pip-install-gv1wu2lg/pycuda/aksetup_helper.py", line 51, in get
_additional_include_dirs
      return [self.get_numpy_incpath()]
    File "/tmp/pip-install-gv1wu2lg/pycuda/aksetup_helper.py", line 46, in get
_numpy_incpath
      file, pathname, descr = find_module("numpy")
    File "/usr/lib/python3.5/imp.py", line 296, in find_module
      raise ImportError(_ERR_MSG.format(name), name=name)
    ImportError: No module named 'numpy'


    ----------------------------------------
Command "python setup.py egg_info" failed with error code 1 in /tmp/pip-install-
gv1wu2lg/pycuda/
ubuntu@ip-172-31-38-67:~$ sudo pip3 install numpy pandas scipy sklearn cupy torc
h cuda4py ^Cikit-cuda tensorflow-gpu
ubuntu@ip-172-31-38-67:~$ sudo pip3 install numpy pandas scipy sklearn
The directory '/home/ubuntu/.cache/pip/http' or its parent directory is not owne
d by the current user and the cache has been disabled. Please check the permissi
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 -H flag.
The directory '/home/ubuntu/.cache/pip' or its parent directory is not owned by
the current user and caching wheels has been disabled. check the permissions and
 owner of that directory. If executing pip with sudo, you may want sudo's -H fla
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Collecting numpy
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04dbdc2a02905cf6de6f9b05816dba843beed328/numpy-1.14.3-cp35-cp35m-manylinux1_x86_
64.whl (12.1MB)
    100% |████████████████████████████████| 12.1MB 6.8MB/s
Collecting pandas
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46c6364ed57d6d87e6fab7d685dca06197a19cf7/pandas-0.23.0-cp35-cp35m-manylinux1_x86
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Collecting scipy
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aba43506e2403e019c90e1a3dfc21d51b83db5a6/scipy-1.1.0-cp35-cp35m-manylinux1_x86_6
4.whl (33.1MB)
    100% |████████████████████████████████| 33.1MB 2.8MB/s
Collecting sklearn
  Downloading https://files.pythonhosted.org/packages/1e/7a/dbb3be0ce9bd5c8b7e3d
87328e79063f8b263b2b1bfa4774cb1147bfcd3f/sklearn-0.0.tar.gz
```

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Collecting python-dateutil>=2.5.0 (from pandas)
  Downloading https://files.pythonhosted.org/packages/cf/f5/af2b09c957ace60dcfac
112b669c45c8c97e32f94aa8b56da4c6d1682825/python_dateutil-2.7.3-py2.py3-none-any.
whl (211kB)
    100% |████████████████████████████████| 215kB 40.5MB/s
Collecting pytz>=2011k (from pandas)
  Downloading https://files.pythonhosted.org/packages/dc/83/15f7833b70d3e067ca91
467ca245bae0f6fe56ddc7451aa0dc5606b120f2/pytz-2018.4-py2.py3-none-any.whl (510kB
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Collecting scikit-learn (from sklearn)
  Downloading https://files.pythonhosted.org/packages/bf/53/8c9c950a3cfaec16069d
f196c0b76ab05b3d1f0527f6bb97a30f4dda5240/scikit_learn-0.19.1-cp35-cp35m-manylinu
x1_x86_64.whl (12.2MB)
    100% |████████████████████████████████| 12.2MB 10.1MB/s
Requirement already satisfied: six>=1.5 in /usr/lib/python3/dist-packages (from
python-dateutil>=2.5.0->pandas) (1.10.0)
Installing collected packages: numpy, python-dateutil, pytz, pandas, scipy, scik
it-learn, sklearn
  Found existing installation: python-dateutil 2.4.2
    Uninstalling python-dateutil-2.4.2:
      Successfully uninstalled python-dateutil-2.4.2
  Running setup.py install for sklearn ... done
Successfully installed numpy-1.14.3 pandas-0.23.0 python-dateutil-2.7.3 pytz-201
8.4 scikit-learn-0.19.1 scipy-1.1.0 sklearn-0.0
ubuntu@ip-172-31-38-67:~$ sudo pip3 install numpy pandas scipy sklearn cupy torc
h cuda4py scikit-cuda tensorflow-gpu
The directory '/home/ubuntu/.cache/pip/http' or its parent directory is not owne
d by the current user and the cache has been disabled. Please check the permissi
ons and owner of that directory. If executing pip with sudo, you may want sudo's
 -H flag.
The directory '/home/ubuntu/.cache/pip' or its parent directory is not owned by
the current user and caching wheels has been disabled. check the permissions and
 owner of that directory. If executing pip with sudo, you may want sudo's -H fla
g.
Requirement already satisfied: numpy in /usr/local/lib/python3.5/dist-packages (
1.14.3)
Requirement already satisfied: pandas in /usr/local/lib/python3.5/dist-packages
(0.23.0)
Requirement already satisfied: scipy in /usr/local/lib/python3.5/dist-packages (
1.1.0)
Requirement already satisfied: sklearn in /usr/local/lib/python3.5/dist-packages
 (0.0)
Collecting cupy
  Downloading https://files.pythonhosted.org/packages/8f/89/bba5b25c8139f483dd3e
3bdafb95e84b6cb1f9babbcdd230c7231c395171/cupy-4.1.0.tar.gz (2.0MB)
    100% |████████████████████████████████| 2.0MB 12.5MB/s
Collecting torch
  Downloading https://files.pythonhosted.org/packages/33/65/e40bc02754ad2fd66e49
53e276d8c608cdb0e3b6b516fb485ea1efaeeeea/torch-0.4.0-cp35-cp35m-manylinux1_x86_6
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Collecting cuda4py
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98d5306212a8bb8b746e98937fab6b5b7ea92aef/cuda4py-1.4.4.tar.gz (58kB)
    100% |████████████████████████████████| 61kB 30.6MB/s
Collecting scikit-cuda
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78aac605ca4b892cff9428edf0240b2145995f54/scikit-cuda-0.5.1.tar.gz (121kB)
    100% |████████████████████████████████| 122kB 37.6MB/s
Collecting tensorflow-gpu
  Downloading https://files.pythonhosted.org/packages/f2/fa/01883fee1cdb4682bbd1
88edc26da5982c459e681543bb7f99299fca8800/tensorflow_gpu-1.8.0-cp35-cp35m-manylin
ux1_x86_64.whl (216.3MB)
    100% |████████████████████████████████| 216.3MB 359kB/s
Requirement already satisfied: pytz>=2011k in /usr/local/lib/python3.5/dist-pack
ages (from pandas) (2018.4)
Requirement already satisfied: python-dateutil>=2.5.0 in /usr/local/lib/python3.
5/dist-packages (from pandas) (2.7.3)
Requirement already satisfied: scikit-learn in /usr/local/lib/python3.5/dist-pac
kages (from sklearn) (0.19.1)
Requirement already satisfied: six>=1.9.0 in /usr/lib/python3/dist-packages (fro
m cupy) (1.10.0)
Collecting fastrlock>=0.3 (from cupy)
  Downloading https://files.pythonhosted.org/packages/b0/44/1ab03348900e2e281b3b
1e28b2bbdf44cd6e697c46b8aa78459f1b634a1b/fastrlock-0.3-cp35-cp35m-manylinux1_x86
_64.whl (76kB)
    100% |████████████████████████████████| 81kB 33.7MB/s
Collecting cffi (from cuda4py)
  Downloading https://files.pythonhosted.org/packages/59/cc/0e1635b4951021ef35f5
c92b32c865ae605fac2a19d724fb6ff99d745c81/cffi-1.11.5-cp35-cp35m-manylinux1_x86_6
4.whl (420kB)
    100% |████████████████████████████████| 430kB 40.4MB/s
Collecting mako>=1.0.1 (from scikit-cuda)
  Downloading https://files.pythonhosted.org/packages/eb/f3/67579bb486517c0d4954
7f9697e36582cd19dafb5df9e687ed8e22de57fa/Mako-1.0.7.tar.gz (564kB)
    100% |████████████████████████████████| 573kB 24.3MB/s
Collecting pycuda>=2014.1 (from scikit-cuda)
  Downloading https://files.pythonhosted.org/packages/b3/30/9e1c0a4c10e90b4c59ca
7aa3c518e96f37aabcac73ffe6b5d9658f6ef843/pycuda-2017.1.1.tar.gz (1.6MB)
    100% |████████████████████████████████| 1.6MB 24.6MB/s
Collecting absl-py>=0.1.6 (from tensorflow-gpu)
  Downloading https://files.pythonhosted.org/packages/57/8d/6664518f9b6ced0aa41c
f50b989740909261d4c212557400c48e5cda0804/absl-py-0.2.2.tar.gz (82kB)
    100% |████████████████████████████████| 92kB 32.3MB/s
Collecting gast>=0.2.0 (from tensorflow-gpu)
  Downloading https://files.pythonhosted.org/packages/5c/78/ff794fcae2ce8aa6323e
789d1f8b3b7765f601e7702726f430e814822b96/gast-0.2.0.tar.gz
Collecting protobuf>=3.4.0 (from tensorflow-gpu)
  Downloading https://files.pythonhosted.org/packages/5b/c3/9b947e301e19bea75dc8
c1fd3710eed5d2b31aa13ae13d5e38e891f784cc/protobuf-3.5.2.post1-cp35-cp35m-manylin
ux1_x86_64.whl (6.4MB)
    100% |████████████████████████████████| 6.4MB 20.7MB/s
Collecting tensorboard<1.9.0,>=1.8.0 (from tensorflow-gpu)
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    Downloading https://files.pythonhosted.org/packages/59/a6/0ae6092b7542cfedba6b
2a1c9b8dceaf278238c39484f3ba03b03f07803c/tensorboard-1.8.0-py3-none-any.whl (3.1
MB)
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Collecting termcolor>=1.1.0 (from tensorflow-gpu)
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a4511bf3ffb8cc1e6b14e9e4fab46173aa79f981/termcolor-1.1.0.tar.gz
Requirement already satisfied: wheel>=0.26 in /usr/lib/python3/dist-packages (fr
om tensorflow-gpu) (0.29.0)
Collecting grpcio>=1.8.6 (from tensorflow-gpu)
    Downloading https://files.pythonhosted.org/packages/2c/ff/f118147fd7a8d2d441d1
5e1cb7fefb2c1981586e24ef3a7d8a742535b085/grpcio-1.12.0-cp35-cp35m-manylinux1_x86
_64.whl (9.0MB)
    100% |████████████████████████████████| 9.0MB 11.4MB/s
Collecting astor>=0.6.0 (from tensorflow-gpu)
    Downloading https://files.pythonhosted.org/packages/b2/91/cc9805f1ff7b49f62013
6b3a7ca26f6a1be2ed424606804b0fbcf499f712/astor-0.6.2-py2.py3-none-any.whl
Collecting pycparser (from cffi->cuda4py)
    Downloading https://files.pythonhosted.org/packages/8c/2d/aad7f16146f4197a11f8
e91fb81df177adcc2073d36a17b1491fd09df6ed/pycparser-2.18.tar.gz (245kB)
    100% |████████████████████████████████| 256kB 39.2MB/s
Requirement already satisfied: MarkupSafe>=0.9.2 in /usr/lib/python3/dist-packag
es (from mako>=1.0.1->scikit-cuda) (0.23)
Collecting pytools>=2011.2 (from pycuda>=2014.1->scikit-cuda)
    Downloading https://files.pythonhosted.org/packages/13/a2/8d2c0456892104470aa7
b13f7b176761b946991c6208bc96954874941b71/pytools-2018.4.tar.gz (58kB)
    100% |████████████████████████████████| 61kB 29.4MB/s
Collecting pytest>=2 (from pycuda>=2014.1->scikit-cuda)
    Downloading https://files.pythonhosted.org/packages/62/59/950a805f90587d6e2f36
92cf43700becb7cdf6c16b06d84e7516b199236b/pytest-3.6.0-py2.py3-none-any.whl (194k
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Collecting decorator>=3.2.0 (from pycuda>=2014.1->scikit-cuda)
    Downloading https://files.pythonhosted.org/packages/bc/bb/a24838832ba35baf52f3
2ab1a49b906b5f82fb7c76b2f6a7e35e140bac30/decorator-4.3.0-py2.py3-none-any.whl
Collecting appdirs>=1.4.0 (from pycuda>=2014.1->scikit-cuda)
    Downloading https://files.pythonhosted.org/packages/56/eb/810e700ed1349edde4cb
dc1b2a21e28cdf115f9faf263f6bbf8447c1abf3/appdirs-1.4.3-py2.py3-none-any.whl
Requirement already satisfied: setuptools in /usr/lib/python3/dist-packages (fro
m protobuf>=3.4.0->tensorflow-gpu) (20.7.0)
Collecting bleach==1.5.0 (from tensorboard<1.9.0,>=1.8.0->tensorflow-gpu)
    Downloading https://files.pythonhosted.org/packages/33/70/86c5fec937ea4964184d
4d6c4f0b9551564f821e1c3575907639036d9b90/bleach-1.5.0-py2.py3-none-any.whl
Collecting markdown>=2.6.8 (from tensorboard<1.9.0,>=1.8.0->tensorflow-gpu)
    Downloading https://files.pythonhosted.org/packages/6d/7d/488b90f470b96531a3f5
788cf12a93332f543dbab13c423a5e7ce96a0493/Markdown-2.6.11-py2.py3-none-any.whl (7
8kB)
    100% |████████████████████████████████| 81kB 32.3MB/s
Collecting werkzeug>=0.11.10 (from tensorboard<1.9.0,>=1.8.0->tensorflow-gpu)
    Downloading https://files.pythonhosted.org/packages/20/c4/12e3e56473e52375aa29
c4764e70d1b8f3efa6682bef8d0aae04fe335243/Werkzeug-0.14.1-py2.py3-none-any.whl (3
22kB)
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         100% |████████████████████████████| 327kB 38.0MB/s
Collecting html5lib==0.9999999 (from tensorboard<1.9.0,>=1.8.0->tensorflow-gpu)
  Downloading https://files.pythonhosted.org/packages/ae/ae/bcb60402c60932b32dfa
f19bb53870b29eda2cd17551ba5639219fb5ebf9/html5lib-0.9999999.tar.gz (889kB)
         100% |████████████████████████████| 890kB 34.5MB/s
Collecting atomicwrites>=1.0 (from pytest>=2->pycuda>=2014.1->scikit-cuda)
  Downloading https://files.pythonhosted.org/packages/0a/e8/cd6375e7a59664eeea9e
1c77a766eeac0fc3083bb958c2b41ec46b95f29c/atomicwrites-1.1.5-py2.py3-none-any.whl
Collecting pluggy<0.7,>=0.5 (from pytest>=2->pycuda>=2014.1->scikit-cuda)
  Downloading https://files.pythonhosted.org/packages/ba/65/ded3bc40bbf8d887f262
f150fbe1ae6637765b5c9534bd55690ed2c0b0f7/pluggy-0.6.0-py3-none-any.whl
Collecting py>=1.5.0 (from pytest>=2->pycuda>=2014.1->scikit-cuda)
  Downloading https://files.pythonhosted.org/packages/67/a5/f77982214dd4c8fd104b
066f249adea2c49e25e8703d284382eb5e9ab35a/py-1.5.3-py2.py3-none-any.whl (84kB)
         100% |████████████████████████████| 92kB 34.2MB/s
Collecting more-itertools>=4.0.0 (from pytest>=2->pycuda>=2014.1->scikit-cuda)
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004224de8814686e3d7182f9d4182477f600826d/more_itertools-4.2.0-py3-none-any.whl (
45kB)
         100% |████████████████████████████| 51kB 24.4MB/s
Collecting attrs>=17.4.0 (from pytest>=2->pycuda>=2014.1->scikit-cuda)
  Downloading https://files.pythonhosted.org/packages/41/59/cedf87e91ed541be7957
c501a92102f9cc6363c623a7666d69d51c78ac5b/attrs-18.1.0-py2.py3-none-any.whl
Installing collected packages: fastrlock, cupy, torch, pycparser, cffi, cuda4py,
 mako, decorator, appdirs, pytools, atomicwrites, pluggy, py, more-itertools, at
trs, pytest, pycuda, scikit-cuda, absl-py, gast, protobuf, html5lib, bleach, mar
kdown, werkzeug, tensorboard, termcolor, grpcio, astor, tensorflow-gpu
  Running setup.py install for cupy ... /

^canceled
^COperation cancelled by user

ubuntu@ip-172-31-38-67:~$
ubuntu@ip-172-31-38-67:~$ ^C
ubuntu@ip-172-31-38-67:~$ sudo pip3 install numpy pandas scipy sklearn cupy torc
h cuda4py scikit-cuda tensorflow-gpu
The directory '/home/ubuntu/.cache/pip/http' or its parent directory is not owne
d by the current user and the cache has been disabled. Please check the permissi
ons and owner of that directory. If executing pip with sudo, you may want sudo's
 -H flag.
The directory '/home/ubuntu/.cache/pip' or its parent directory is not owned by
the current user and caching wheels has been disabled. check the permissions and
 owner of that directory. If executing pip with sudo, you may want sudo's -H fla
g.
Requirement already satisfied: numpy in /usr/local/lib/python3.5/dist-packages (
1.14.3)
Requirement already satisfied: pandas in /usr/local/lib/python3.5/dist-packages
(0.23.0)
Requirement already satisfied: scipy in /usr/local/lib/python3.5/dist-packages (
1.1.0)
Requirement already satisfied: sklearn in /usr/local/lib/python3.5/dist-packages
 (0.0)
```

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Collecting cupy
  Downloading https://files.pythonhosted.org/packages/8f/89/bba5b25c8139f483dd3e
3bdafb95e84b6cb1f9babbcdd230c7231c395171/cupy-4.1.0.tar.gz (2.0MB)
    100% |████████████████████████████████| 2.0MB 10.8MB/s
Collecting torch
  Downloading https://files.pythonhosted.org/packages/33/65/e40bc02754ad2fd66e49
53e276d8c608cdb0e3b6b516fb485ea1efaeeeea/torch-0.4.0-cp35-cp35m-manylinux1_x86_6
4.whl (484.0MB)
    100% |████████████████████████████████| 484.0MB 94kB/s
Collecting cuda4py
  Downloading https://files.pythonhosted.org/packages/6b/b4/4b9d59fd81a743bf44e6
98d5306212a8bb8b746e98937fab6b5b7ea92aef/cuda4py-1.4.4.tar.gz (58kB)
    100% |████████████████████████████████| 61kB 28.6MB/s
Collecting scikit-cuda
  Downloading https://files.pythonhosted.org/packages/62/3e/0010193065a5c6e77091
78aac605ca4b892cff9428edf0240b2145995f54/scikit-cuda-0.5.1.tar.gz (121kB)
    100% |████████████████████████████████| 122kB 34.9MB/s
Collecting tensorflow-gpu
  Downloading https://files.pythonhosted.org/packages/f2/fa/01883fee1cdb4682bbd1
88edc26da5982c459e681543bb7f99299fca8800/tensorflow_gpu-1.8.0-cp35-cp35m-manylin
ux1_x86_64.whl (216.3MB)
    100% |████████████████████████████████| 216.3MB 545kB/s
Requirement already satisfied: pytz>=2011k in /usr/local/lib/python3.5/dist-pack
ages (from pandas) (2018.4)
Requirement already satisfied: python-dateutil>=2.5.0 in /usr/local/lib/python3.
5/dist-packages (from pandas) (2.7.3)
Requirement already satisfied: scikit-learn in /usr/local/lib/python3.5/dist-pac
kages (from sklearn) (0.19.1)
Requirement already satisfied: six>=1.9.0 in /usr/lib/python3/dist-packages (fro
m cupy) (1.10.0)
Requirement already satisfied: fastrlock>=0.3 in /usr/local/lib/python3.5/dist-p
ackages (from cupy) (0.3)
Collecting cffi (from cuda4py)
  Downloading https://files.pythonhosted.org/packages/59/cc/0e1635b4951021ef35f5
c92b32c865ae605fac2a19d724fb6ff99d745c81/cffi-1.11.5-cp35-cp35m-manylinux1_x86_6
4.whl (420kB)
    100% |████████████████████████████████| 430kB 37.9MB/s
Collecting mako>=1.0.1 (from scikit-cuda)
  Downloading https://files.pythonhosted.org/packages/eb/f3/67579bb486517c0d4954
7f9697e36582cd19dafb5df9e687ed8e22de57fa/Mako-1.0.7.tar.gz (564kB)
    100% |████████████████████████████████| 573kB 37.8MB/s
Collecting pycuda>=2014.1 (from scikit-cuda)
  Downloading https://files.pythonhosted.org/packages/b3/30/9e1c0a4c10e90b4c59ca
7aa3c518e96f37aabcac73ffe6b5d9658f6ef843/pycuda-2017.1.1.tar.gz (1.6MB)
    100% |████████████████████████████████| 1.6MB 28.0MB/s
Collecting gast>=0.2.0 (from tensorflow-gpu)
  Downloading https://files.pythonhosted.org/packages/5c/78/ff794fcae2ce8aa6323e
789d1f8b3b7765f601e7702726f430e814822b96/gast-0.2.0.tar.gz
Collecting tensorboard<1.9.0,>=1.8.0 (from tensorflow-gpu)
  Downloading https://files.pythonhosted.org/packages/59/a6/0ae6092b7542cfedba6b
2a1c9b8dceaf278238c39484f3ba03b03f07803c/tensorboard-1.8.0-py3-none-any.whl (3.1
MB)
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        100% |████████████████████████████████| 3.1MB 25.6MB/s
Requirement already satisfied: wheel>=0.26 in /usr/lib/python3/dist-packages (fr
om tensorflow-gpu) (0.29.0)
Collecting protobuf>=3.4.0 (from tensorflow-gpu)
  Downloading https://files.pythonhosted.org/packages/5b/c3/9b947e301e19bea75dc8
c1fd3710eed5d2b31aa13ae13d5e38e891f784cc/protobuf-3.5.2.post1-cp35-cp35m-manylin
ux1_x86_64.whl (6.4MB)
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Collecting astor>=0.6.0 (from tensorflow-gpu)
  Downloading https://files.pythonhosted.org/packages/b2/91/cc9805f1ff7b49f62013
6b3a7ca26f6a1be2ed424606804b0fbcf499f712/astor-0.6.2-py2.py3-none-any.whl
Collecting termcolor>=1.1.0 (from tensorflow-gpu)
  Downloading https://files.pythonhosted.org/packages/8a/48/a76be51647d0eb9f10e2
a4511bf3ffb8cc1e6b14e9e4fab46173aa79f981/termcolor-1.1.0.tar.gz
Collecting absl-py>=0.1.6 (from tensorflow-gpu)
  Downloading https://files.pythonhosted.org/packages/57/8d/6664518f9b6ced0aa41c
f50b989740909261d4c212557400c48e5cda0804/absl-py-0.2.2.tar.gz (82kB)
        100% |████████████████████████████████| 92kB 34.5MB/s
Collecting grpcio>=1.8.6 (from tensorflow-gpu)
  Downloading https://files.pythonhosted.org/packages/2c/ff/f118147fd7a8d2d441d1
5e1cb7fefb2c1981586e24ef3a7d8a742535b085/grpcio-1.12.0-cp35-cp35m-manylinux1_x86
_64.whl (9.0MB)
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Collecting pycparser (from cffi->cuda4py)
  Downloading https://files.pythonhosted.org/packages/8c/2d/aad7f16146f4197a11f8
e91fb81df177adcc2073d36a17b1491fd09df6ed/pycparser-2.18.tar.gz (245kB)
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Requirement already satisfied: MarkupSafe>=0.9.2 in /usr/lib/python3/dist-packag
es (from mako>=1.0.1->scikit-cuda) (0.23)
Collecting pytools>=2011.2 (from pycuda>=2014.1->scikit-cuda)
  Downloading https://files.pythonhosted.org/packages/13/a2/8d2c0456892104470aa7
b13f7b176761b946991c6208bc96954874941b71/pytools-2018.4.tar.gz (58kB)
        100% |████████████████████████████████| 61kB 32.1MB/s
Collecting pytest>=2 (from pycuda>=2014.1->scikit-cuda)
  Downloading https://files.pythonhosted.org/packages/62/59/950a805f90587d6e2f36
92cf43700becb7cdf6c16b06d84e7516b199236b/pytest-3.6.0-py2.py3-none-any.whl (194k
B)
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Collecting decorator>=3.2.0 (from pycuda>=2014.1->scikit-cuda)
  Downloading https://files.pythonhosted.org/packages/bc/bb/a24838832ba35baf52f3
2ab1a49b906b5f82fb7c76b2f6a7e35e140bac30/decorator-4.3.0-py2.py3-none-any.whl
Collecting appdirs>=1.4.0 (from pycuda>=2014.1->scikit-cuda)
  Downloading https://files.pythonhosted.org/packages/56/eb/810e700ed1349edde4cb
dc1b2a21e28cdf115f9faf263f6bbf8447c1abf3/appdirs-1.4.3-py2.py3-none-any.whl
Collecting markdown>=2.6.8 (from tensorboard<1.9.0,>=1.8.0->tensorflow-gpu)
  Downloading https://files.pythonhosted.org/packages/6d/7d/488b90f470b96531a3f5
788cf12a93332f543dbab13c423a5e7ce96a0493/Markdown-2.6.11-py2.py3-none-any.whl (7
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Collecting werkzeug>=0.11.10 (from tensorboard<1.9.0,>=1.8.0->tensorflow-gpu)
  Downloading https://files.pythonhosted.org/packages/20/c4/12e3e56473e52375aa29
c4764e70d1b8f3efa6682bef8d0aae04fe335243/Werkzeug-0.14.1-py2.py3-none-any.whl (3
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Collecting bleach==1.5.0 (from tensorboard<1.9.0,>=1.8.0->tensorflow-gpu)
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4d6c4f0b9551564f821e1c3575907639036d9b90/bleach-1.5.0-py2.py3-none-any.whl
Collecting html5lib==0.9999999 (from tensorboard<1.9.0,>=1.8.0->tensorflow-gpu)
   Downloading https://files.pythonhosted.org/packages/ae/ae/bcb60402c60932b32dfa
f19bb53870b29eda2cd17551ba5639219fb5ebf9/html5lib-0.9999999.tar.gz (889kB)
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Requirement already satisfied: setuptools in /usr/lib/python3/dist-packages (fro
m protobuf>=3.4.0->tensorflow-gpu) (20.7.0)
Collecting attrs>=17.4.0 (from pytest>=2->pycuda>=2014.1->scikit-cuda)
   Downloading https://files.pythonhosted.org/packages/41/59/cedf87e91ed541be7957
c501a92102f9cc6363c623a7666d69d51c78ac5b/attrs-18.1.0-py2.py3-none-any.whl
Collecting py>=1.5.0 (from pytest>=2->pycuda>=2014.1->scikit-cuda)
   Downloading https://files.pythonhosted.org/packages/67/a5/f77982214dd4c8fd104b
066f249adea2c49e25e8703d284382eb5e9ab35a/py-1.5.3-py2.py3-none-any.whl (84kB)
     100% |████████████████████████████████| 92kB 34.9MB/s
Collecting atomicwrites>=1.0 (from pytest>=2->pycuda>=2014.1->scikit-cuda)
   Downloading https://files.pythonhosted.org/packages/0a/e8/cd6375e7a59664eeea9e
1c77a766eeac0fc3083bb958c2b41ec46b95f29c/atomicwrites-1.1.5-py2.py3-none-any.whl
Collecting pluggy<0.7,>=0.5 (from pytest>=2->pycuda>=2014.1->scikit-cuda)
   Downloading https://files.pythonhosted.org/packages/ba/65/ded3bc40bbf8d887f262
f150fbe1ae6637765b5c9534bd55690ed2c0b0f7/pluggy-0.6.0-py3-none-any.whl
Collecting more-itertools>=4.0.0 (from pytest>=2->pycuda>=2014.1->scikit-cuda)
   Downloading https://files.pythonhosted.org/packages/85/40/90c3b0393e12b9827381
004224de8814686e3d7182f9d4182477f600826d/more_itertools-4.2.0-py3-none-any.whl (
45kB)
     100% |████████████████████████████████| 51kB 34.0MB/s
Installing collected packages: cupy, torch, pycparser, cffi, cuda4py, mako, deco
rator, appdirs, pytools, attrs, py, atomicwrites, pluggy, more-itertools, pytest
, pycuda, scikit-cuda, gast, markdown, werkzeug, html5lib, bleach, protobuf, ten
sorboard, astor, termcolor, absl-py, grpcio, tensorflow-gpu
   Running setup.py install for cupy ... done
   Running setup.py install for pycparser ... done
   Running setup.py install for cuda4py ... done
   Running setup.py install for mako ... done
   Running setup.py install for pytools ... done
   Running setup.py install for pycuda ... error
     Complete output from command /usr/bin/python3 -u -c "import setuptools, toke
nize;__file__='/tmp/pip-install-_6jv56cq/pycuda/setup.py';f=getattr(tokenize, 'o
pen', open)(__file__);code=f.read().replace('\r\n', '\n');f.close();exec(compile
(code, __file__, 'exec'))" install --record /tmp/pip-record-kffexw52/install-rec
ord.txt --single-version-externally-managed --compile:
     ************************************************************
     *** WARNING: nvcc not in path.
     *** May need to set CUDA_INC_DIR for installation to succeed.
     ************************************************************
     ************************************************************
     *** I have detected that you have not run configure.py.
     ************************************************************
     *** Additionally, no global config files were found.
```

```
*** I will go ahead with the default configuration.
*** In all likelihood, this will not work out.
***
*** See README_SETUP.txt for more information.
***
*** If the build does fail, just re-run configure.py with the
*** correct arguments, and then retry. Good luck!
***************************************************************
*** HIT Ctrl-C NOW IF THIS IS NOT WHAT YOU WANT
***************************************************************
Continuing in 1 seconds...
running install
running build
running build_py
creating build
creating build/lib.linux-x86_64-3.5
creating build/lib.linux-x86_64-3.5/pycuda
copying pycuda/_mymako.py -> build/lib.linux-x86_64-3.5/pycuda
copying pycuda/reduction.py -> build/lib.linux-x86_64-3.5/pycuda
copying pycuda/scan.py -> build/lib.linux-x86_64-3.5/pycuda
copying pycuda/debug.py -> build/lib.linux-x86_64-3.5/pycuda
copying pycuda/compiler.py -> build/lib.linux-x86_64-3.5/pycuda
copying pycuda/characterize.py -> build/lib.linux-x86_64-3.5/pycuda
copying pycuda/driver.py -> build/lib.linux-x86_64-3.5/pycuda
copying pycuda/_cluda.py -> build/lib.linux-x86_64-3.5/pycuda
copying pycuda/gpuarray.py -> build/lib.linux-x86_64-3.5/pycuda
copying pycuda/autoinit.py -> build/lib.linux-x86_64-3.5/pycuda
copying pycuda/elementwise.py -> build/lib.linux-x86_64-3.5/pycuda
copying pycuda/tools.py -> build/lib.linux-x86_64-3.5/pycuda
copying pycuda/cumath.py -> build/lib.linux-x86_64-3.5/pycuda
copying pycuda/curandom.py -> build/lib.linux-x86_64-3.5/pycuda
copying pycuda/__init__.py -> build/lib.linux-x86_64-3.5/pycuda
creating build/lib.linux-x86_64-3.5/pycuda/gl
copying pycuda/gl/autoinit.py -> build/lib.linux-x86_64-3.5/pycuda/gl
copying pycuda/gl/__init__.py -> build/lib.linux-x86_64-3.5/pycuda/gl
creating build/lib.linux-x86_64-3.5/pycuda/sparse
copying pycuda/sparse/inner.py -> build/lib.linux-x86_64-3.5/pycuda/sparse
copying pycuda/sparse/packeted.py -> build/lib.linux-x86_64-3.5/pycuda/spars
e
copying pycuda/sparse/operator.py -> build/lib.linux-x86_64-3.5/pycuda/spars
e
copying pycuda/sparse/cg.py -> build/lib.linux-x86_64-3.5/pycuda/sparse
copying pycuda/sparse/coordinate.py -> build/lib.linux-x86_64-3.5/pycuda/spa
rse
copying pycuda/sparse/pkt_build.py -> build/lib.linux-x86_64-3.5/pycuda/spar
se
copying pycuda/sparse/__init__.py -> build/lib.linux-x86_64-3.5/pycuda/spars
e
creating build/lib.linux-x86_64-3.5/pycuda/compyte
copying pycuda/compyte/dtypes.py -> build/lib.linux-x86_64-3.5/pycuda/compyt
e
copying pycuda/compyte/array.py -> build/lib.linux-x86_64-3.5/pycuda/compyte
```

```
    copying pycuda/compyte/__init__.py -> build/lib.linux-x86_64-3.5/pycuda/comp
yte
    running egg_info
    writing top-level names to pycuda.egg-info/top_level.txt
    writing dependency_links to pycuda.egg-info/dependency_links.txt
    writing requirements to pycuda.egg-info/requires.txt
    writing pycuda.egg-info/PKG-INFO
    warning: manifest_maker: standard file '-c' not found

    reading manifest file 'pycuda.egg-info/SOURCES.txt'
    reading manifest template 'MANIFEST.in'
    warning: no files found matching 'doc/source/_static/*.css'
    warning: no files found matching 'doc/source/_templates/*.html'
    warning: no files found matching '*.cpp' under directory 'bpl-subset/bpl_sub
set/boost'
    warning: no files found matching '*.html' under directory 'bpl-subset/bpl_su
bset/boost'
    warning: no files found matching '*.inl' under directory 'bpl-subset/bpl_sub
set/boost'
    warning: no files found matching '*.txt' under directory 'bpl-subset/bpl_sub
set/boost'
    warning: no files found matching '*.h' under directory 'bpl-subset/bpl_subse
t/libs'
    warning: no files found matching '*.ipp' under directory 'bpl-subset/bpl_sub
set/libs'
    warning: no files found matching '*.pl' under directory 'bpl-subset/bpl_subs
et/libs'
    writing manifest file 'pycuda.egg-info/SOURCES.txt'
    creating build/lib.linux-x86_64-3.5/pycuda/cuda
    copying pycuda/cuda/pycuda-complex-impl.hpp -> build/lib.linux-x86_64-3.5/py
cuda/cuda
    copying pycuda/cuda/pycuda-complex.hpp -> build/lib.linux-x86_64-3.5/pycuda/
cuda
    copying pycuda/cuda/pycuda-helpers.hpp -> build/lib.linux-x86_64-3.5/pycuda/
cuda
    running build_ext
    building '_driver' extension
    creating build/temp.linux-x86_64-3.5
    creating build/temp.linux-x86_64-3.5/src
    creating build/temp.linux-x86_64-3.5/src/cpp
    creating build/temp.linux-x86_64-3.5/src/wrapper
    creating build/temp.linux-x86_64-3.5/bpl-subset
    creating build/temp.linux-x86_64-3.5/bpl-subset/bpl_subset
    creating build/temp.linux-x86_64-3.5/bpl-subset/bpl_subset/libs
    creating build/temp.linux-x86_64-3.5/bpl-subset/bpl_subset/libs/python
    creating build/temp.linux-x86_64-3.5/bpl-subset/bpl_subset/libs/python/src
    creating build/temp.linux-x86_64-3.5/bpl-subset/bpl_subset/libs/python/src/o
bject
    creating build/temp.linux-x86_64-3.5/bpl-subset/bpl_subset/libs/python/src/c
onverter
    creating build/temp.linux-x86_64-3.5/bpl-subset/bpl_subset/libs/system/src
    creating build/temp.linux-x86_64-3.5/bpl-subset/bpl_subset/libs/system/src
```

```
    creating build/temp.linux-x86_64-3.5/bpl-subset/bpl_subset/libs/smart_ptr
    creating build/temp.linux-x86_64-3.5/bpl-subset/bpl_subset/libs/smart_ptr/sr
c
    creating build/temp.linux-x86_64-3.5/bpl-subset/bpl_subset/libs/thread
    creating build/temp.linux-x86_64-3.5/bpl-subset/bpl_subset/libs/thread/src
    creating build/temp.linux-x86_64-3.5/bpl-subset/bpl_subset/libs/thread/src/p
thread
    x86_64-linux-gnu-gcc -pthread -fwrapv -Wall -O3 -DNDEBUG -g -fstack-protecto
r-strong -Wformat -Werror=format-security -Wdate-time -D_FORTIFY_SOURCE=2 -fPIC
-DPYGPU_PYCUDA=1 -DBOOST_PYTHON_SOURCE=1 -DHAVE_CURAND=1 -DBOOST_ALL_NO_LIB=1 -D
PYGPU_PACKAGE=pycuda -DBOOST_THREAD_DONT_USE_CHRONO=1 -DBOOST_THREAD_BUILD_DLL=1
 -Dboost=pycudaboost -DBOOST_MULTI_INDEX_DISABLE_SERIALIZATION=1 -Isrc/cpp -Ibpl
-subset/bpl_subset -I/usr/local/lib/python3.5/dist-packages/numpy/core/include -
I/usr/local/lib/python3.5/dist-packages/numpy/core/include -I/usr/include/python
3.5m -c src/cpp/cuda.cpp -o build/temp.linux-x86_64-3.5/src/cpp/cuda.o
    In file included from src/cpp/cuda.cpp:1:0:
    src/cpp/cuda.hpp:14:18: fatal error: cuda.h: No such file or directory
    compilation terminated.
    error: command 'x86_64-linux-gnu-gcc' failed with exit status 1

    ----------------------------------------
Command "/usr/bin/python3 -u -c "import setuptools, tokenize;__file__='/tmp/pip-
install-_6jv56cq/pycuda/setup.py';f=getattr(tokenize, 'open', open)(__file__);co
de=f.read().replace('\r\n', '\n');f.close();exec(compile(code, __file__, 'exec')
)" install --record /tmp/pip-record-kffexw52/install-record.txt --single-version
-externally-managed --compile" failed with error code 1 in /tmp/pip-install-_6jv
56cq/pycuda/
ubuntu@ip-172-31-38-67:~$ packet_write_wait: Connection to 52.27.195.178 port 22
: Broken pipe
Jamb:~ jamster$ ssh -i Keys/Moons.pem ubuntu@52.27.195.178
Welcome to Ubuntu 16.04.4 LTS (GNU/Linux 4.4.0-1060-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

   Get cloud support with Ubuntu Advantage Cloud Guest:
     http://www.ubuntu.com/business/services/cloud

0 packages can be updated.
0 updates are security updates.


*** System restart required ***
Last login: Sun May 27 22:43:10 2018 from 174.216.0.139
ubuntu@ip-172-31-38-67:~$ tmux new -s cpHOMEsudo pip3 install numpy pandas scipy
 sklearn cupy torch cuda4py scikit-cuda tensorflow-gpu
[exited]
ubuntu@ip-172-31-38-67:~$ tmux new -s pip3
[exited]
ubuntu@ip-172-31-38-67:~$ exit
logout
```

```
Connection to 52.27.195.178 closed.
Jamb:~ jamster$ ssh -i Keys/Moons.pem ubuntu@34.215.180.81
^C
Jamb:~ jamster$ ssh -i Keys/Moons.pem ubuntu@34.215.180.81
The authenticity of host '34.215.180.81 (34.215.180.81)' can't be established.
ECDSA key fingerprint is SHA256:frmjd3NEdZ8mtlXyQY2S79xw0LCY8KOihfYzNzKWSKc.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '34.215.180.81' (ECDSA) to the list of known hosts.
Welcome to Ubuntu 16.04.4 LTS (GNU/Linux 4.4.0-1060-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

  Get cloud support with Ubuntu Advantage Cloud Guest:
    http://www.ubuntu.com/business/services/cloud

0 packages can be updated.
0 updates are security updates.



The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-46-77:~$ sudo apt-get update
Hit:1 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial InRelease
Get:2 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates InRelease [1
09 kB]
Get:3 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-backports InRelease
[107 kB]
Get:4 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main Sources [868 kB
]
Get:5 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/restricted Sources [
4,808 B]
Get:6 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/universe Sources [7,
728 kB]
Get:7 http://security.ubuntu.com/ubuntu xenial-security InRelease [107 kB]
Get:8 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/multiverse Sources [
179 kB]
Get:9 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/universe amd64 Packa
ges [7,532 kB]
Get:10 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/universe Translatio
n-en [4,354 kB]
Get:11 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/multiverse amd64 Pa
```

```
ckages [144 kB]
Get:12 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/multiverse Translat
ion-en [106 kB]
Get:13 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main Source
s [306 kB]
Get:14 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/restricted
Sources [2,524 B]
Get:15 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/universe So
urces [203 kB]
Get:16 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/multiverse
Sources [8,404 B]
Get:17 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
Packages [783 kB]
Get:18 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main Transl
ation-en [324 kB]
Get:19 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/universe am
d64 Packages [631 kB]
Get:20 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/universe Tr
anslation-en [253 kB]
Get:21 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/multiverse
amd64 Packages [16.4 kB]
Get:22 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/multiverse
Translation-en [8,344 B]
Get:23 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-backports/main Sour
ces [3,436 B]
Get:24 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-backports/universe
Sources [5,820 B]
Get:25 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-backports/main amd6
4 Packages [4,844 B]
Get:26 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-backports/main Tran
slation-en [3,220 B]
Get:27 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-backports/universe
amd64 Packages [7,400 B]
Get:28 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-backports/universe
Translation-en [3,996 B]
Get:29 http://security.ubuntu.com/ubuntu xenial-security/main Sources [123 kB]
Get:30 http://security.ubuntu.com/ubuntu xenial-security/restricted Sources [2,1
16 B]
Get:31 http://security.ubuntu.com/ubuntu xenial-security/universe Sources [65.4
kB]
Get:32 http://security.ubuntu.com/ubuntu xenial-security/multiverse Sources [2,1
20 B]
Get:33 http://security.ubuntu.com/ubuntu xenial-security/main amd64 Packages [50
0 kB]
Get:34 http://security.ubuntu.com/ubuntu xenial-security/main Translation-en [21
5 kB]
Get:35 http://security.ubuntu.com/ubuntu xenial-security/universe amd64 Packages
 [351 kB]
Get:36 http://security.ubuntu.com/ubuntu xenial-security/universe Translation-en
 [131 kB]
Get:37 http://security.ubuntu.com/ubuntu xenial-security/multiverse amd64 Packag
es [3,464 B]
```

```
Get:38 http://security.ubuntu.com/ubuntu xenial-security/multiverse Translation-
en [1,744 B]
Fetched 25.2 MB in 4s (5,958 kB/s)
Reading package lists... Done
ubuntu@ip-172-31-46-77:~$ sudo apt-get dist-upgrade
Reading package lists... Done
Building dependency tree
Reading state information... Done
Calculating upgrade... Done
The following packages will be upgraded:
  ifupdown libprocps4 procps vlan
4 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
Need to get 341 kB of archives.
After this operation, 2,048 B of additional disk space will be used.
Do you want to continue? [Y/n] Y
Get:1 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 l
ibprocps4 amd64 2:3.3.10-4ubuntu2.4 [33.1 kB]
Get:2 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 p
rocps amd64 2:3.3.10-4ubuntu2.4 [222 kB]
Get:3 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 i
fupdown amd64 0.8.10ubuntu1.4 [54.9 kB]
Get:4 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 v
lan amd64 1.9-3.2ubuntu1.16.04.5 [30.7 kB]
Fetched 341 kB in 0s (15.8 MB/s)
(Reading database ... 51260 files and directories currently installed.)
Preparing to unpack .../libprocps4_2%3a3.3.10-4ubuntu2.4_amd64.deb ...
Unpacking libprocps4:amd64 (2:3.3.10-4ubuntu2.4) over (2:3.3.10-4ubuntu2.3) ...
Preparing to unpack .../procps_2%3a3.3.10-4ubuntu2.4_amd64.deb ...
Unpacking procps (2:3.3.10-4ubuntu2.4) over (2:3.3.10-4ubuntu2.3) ...
Preparing to unpack .../ifupdown_0.8.10ubuntu1.4_amd64.deb ...
Unpacking ifupdown (0.8.10ubuntu1.4) over (0.8.10ubuntu1.3) ...
Preparing to unpack .../vlan_1.9-3.2ubuntu1.16.04.5_amd64.deb ...
Unpacking vlan (1.9-3.2ubuntu1.16.04.5) over (1.9-3.2ubuntu1.16.04.4) ...
Processing triggers for libc-bin (2.23-0ubuntu10) ...
Processing triggers for man-db (2.7.5-1) ...
Processing triggers for ureadahead (0.100.0-19) ...
Processing triggers for systemd (229-4ubuntu21.2) ...
Setting up libprocps4:amd64 (2:3.3.10-4ubuntu2.4) ...
Setting up procps (2:3.3.10-4ubuntu2.4) ...
update-rc.d: warning: start and stop actions are no longer supported; falling ba
ck to defaults
Setting up ifupdown (0.8.10ubuntu1.4) ...
Setting up vlan (1.9-3.2ubuntu1.16.04.5) ...
Installing new version of config file /etc/network/if-pre-up.d/vlan ...
Processing triggers for libc-bin (2.23-0ubuntu10) ...
ubuntu@ip-172-31-46-77:~$ sudo apt-get install tmux sudo nano htop build-essenti
al cmake automake autoconf m4 libtool python python-dev python-pip python3 pytho
n3-dev python3-pip net-tools sysstat awscli aws-status ec2-* e2fs
e2fsck-static  e2fslibs-dbg   e2fsprogs
e2fslibs        e2fslibs-dev   e2fsprogs-dbg
ubuntu@ip-172-31-46-77:~$ sudo apt-get install tmux sudo nano htop build-essenti
al cmake automake autoconf m4 libtool python python-dev python-pip python3 pytho
```

```
n3-dev python3-pip net-tools sysstat awscli aws-status ec2-* e2fsck-static e2fsl
ib* e2fsprog* xfs
xfsdump         xfsprogs        xfsswitch-plugin
xfslibs-dev     xfstt
ubuntu@ip-172-31-46-77:~$ sudo apt-get install tmux sudo nano htop build-essenti
al cmake automake autoconf m4 libtool python python-dev python-pip python3 pytho
n3-dev python3-pip net-tools sysstat awscli aws-status ec2-* e2fsck-static e2fsl
ib* e2fsprog* xfsdump xfslibs-dev xfsprogs jfsutils dkms zfs
zfs-dkms          zfs-initramfs       zfsutils-linux-dbg
zfs-doc           zfsnap              zfs-zed
zfs-fuse          zfsutils-linux      zfs-zed-dbg
ubuntu@ip-172-31-46-77:~$ sudo apt-get install tmux sudo nano htop build-essenti
al cmake automake autoconf m4 libtool python python-dev python-pip python3 pytho
n3-dev python3-pip net-tools sysstat awscli aws-status ec2-* e2fsck-static e2fsl
ib* e2fsprog* xfsdump xfslibs-dev xfsprogs jfsutils dkms zfs-d* zfs-initramfs zf
snap zfsutils-linu* pixz pigz pbzip2 p7zi* --install-recommends
Reading package lists... Done
Building dependency tree
Reading state information... Done
Note, selecting 'ec2-api-tools' for glob 'ec2-*'
Note, selecting 'ec2-ami-tools' for glob 'ec2-*'
Note, selecting 'ec2-init' for glob 'ec2-*'
Note, selecting 'e2fslibs' for glob 'e2fslib*'
Note, selecting 'e2fslibs-dbg' for glob 'e2fslib*'
Note, selecting 'e2fslibs-dev' for glob 'e2fslib*'
Note, selecting 'e2fsprogs-dbg' for glob 'e2fsprog*'
Note, selecting 'e2fsprogs' for glob 'e2fsprog*'
Note, selecting 'zfs-dbg' for glob 'zfs-d*'
Note, selecting 'zfs-doc' for glob 'zfs-d*'
Note, selecting 'zfs-dkms' for glob 'zfs-d*'
Note, selecting 'zfsutils-linux' for glob 'zfsutils-linu*'
Note, selecting 'zfsutils-linux-dbg' for glob 'zfsutils-linu*'
Note, selecting 'p7zip' for glob 'p7zi*'
Note, selecting 'p7zip-full' for glob 'p7zi*'
Note, selecting 'p7zip-rar' for glob 'p7zi*'
e2fslibs is already the newest version (1.42.13-1ubuntu1).
e2fsprogs is already the newest version (1.42.13-1ubuntu1).
net-tools is already the newest version (1.60-26ubuntu1).
python3 is already the newest version (3.5.1-3).
tmux is already the newest version (2.1-3build1).
nano is already the newest version (2.5.3-2ubuntu2).
sudo is already the newest version (1.8.16-0ubuntu1.5).
xfsprogs is already the newest version (4.3.0+nmu1ubuntu1.1).
The following additional packages will be installed:
  adwaita-icon-theme at-spi2-core autotools-dev bc binutils
  ca-certificates-java cmake-data colord colord-data comerr-dev cpp cpp-5
  dconf-gsettings-backend dconf-service default-jre-headless docutils-common
  dpkg-dev fakeroot fontconfig fontconfig-config fonts-dejavu-core fonts-lato
  g++ g++-5 gcc gcc-5 glib-networking glib-networking-common
  glib-networking-services gsettings-desktop-schemas hicolor-icon-theme
  humanity-icon-theme indicator-application java-common javascript-common
  libalgorithm-diff-perl libalgorithm-diff-xs-perl libalgorithm-merge-perl
```

```
libappindicator1 libappindicator3-1 libarchive13 libasan2 libatk-bridge2.0-0
libatk1.0-0 libatk1.0-data libatomic1 libatspi2.0-0 libavahi-client3
libavahi-common-data libavahi-common3 libboost-filesystem1.58.0
libboost-system1.58.0 libc-dev-bin libc6-dev libcairo-gobject2 libcairo2
libcapnp-0.5.3 libcc1-0 libcilkrts5 libcolord2 libcolorhug2 libcroco3
libcups2 libcurl3 libdatrie1 libdbusmenu-glib4 libdbusmenu-gtk3-4
libdbusmenu-gtk4 libdconf1 libdpkg-perl libdrm-amdgpu1 libdrm-intel1
libdrm-nouveau2 libdrm-radeon1 libegl1-mesa libepoxy0 libexif12
libexpat1-dev libfakeroot libfile-fcntllock-perl libfontconfig1 libgbm1
libgcc-5-dev libgd3 libgdk-pixbuf2.0-0 libgdk-pixbuf2.0-common
libgl1-mesa-dri libglapi-mesa libgnome-keyring-common libgnome-keyring0
libgomp1 libgphoto2-6 libgphoto2-l10n libgphoto2-port12 libgraphite2-3
libgtk-3-0 libgtk-3-bin libgtk-3-common libgtk2.0-0 libgtk2.0-bin
libgtk2.0-common libgudev-1.0-0 libgusb2 libharfbuzz0b libieee1284-3
libindicator3-7 libindicator7 libisl15 libitm1 libjbig0 libjpeg-turbo8
libjpeg8 libjs-jquery libjson-glib-1.0-0 libjson-glib-1.0-common libjsoncpp1
liblcms2-2 libllvm5.0 liblsan0 libltdl-dev libltdl7 libmirclient9
libmircommon7 libmircore1 libmirprotobuf3 libmpc3 libmpx0 libnspr4 libnss3
libnss3-nssdb libnvpair1linux libpango-1.0-0 libpangocairo-1.0-0
libpangoft2-1.0-0 libpaper-utils libpaper1 libpciaccess0 libpcsclite1
libpixman-1-0 libprotobuf-lite9v5 libproxy1v5 libpython-all-dev
libpython-dev libpython-stdlib libpython2.7 libpython2.7-dev
libpython2.7-minimal libpython2.7-stdlib libpython3-dev libpython3.5-dev
libquadmath0 librest-0.7-0 librsvg2-2 librsvg2-common libruby2.3 libsane
libsane-common libsensors4 libsoup-gnome2.4-1 libsoup2.4-1 libstdc++-5-dev
libthai-data libthai0 libtiff5 libtsan0 libtxc-dxtn-s2tc0 libubsan0
libuutil1linux libvpx3 libwayland-client0 libwayland-cursor0
libwayland-egl1-mesa libwayland-server0 libwebp5 libwebpmux1 libx11-xcb1
libxcb-dri2-0 libxcb-dri3-0 libxcb-present0 libxcb-render0 libxcb-shm0
libxcb-sync1 libxcb-xfixes0 libxcomposite1 libxcursor1 libxdamage1
libxfixes3 libxi6 libxinerama1 libxkbcommon0 libxpm4 libxrandr2 libxrender1
libxshmfence1 libxtst6 libzfs2linux libzpool2linux linux-libc-dev make
manpages-dev openjdk-8-jre-headless python-all python-all-dev
python-appindicator python-attr python-cairo python-cffi-backend
python-cryptography python-dateutil python-enum34 python-gi
python-gnomekeyring python-gobject python-gobject-2 python-gtk2 python-idna
python-ipaddress python-minimal python-openssl python-pam python-pip-whl
python-pkg-resources python-pyasn1 python-pyasn1-modules python-serial
python-service-identity python-setuptools python-six python-twisted
python-twisted-bin python-twisted-core python-txaws python-wheel
python-zope.interface python2.7 python2.7-dev python2.7-minimal
python3-botocore python3-colorama python3-dateutil python3-docutils
python3-jmespath python3-pil python3-pygments python3-roman python3-rsa
python3-s3transfer python3-setuptools python3-wheel python3.5-dev rake ruby
ruby-did-you-mean ruby-minitest ruby-net-telnet ruby-power-assert
ruby-test-unit ruby2.3 rubygems-integration spl spl-dkms ubuntu-mono unzip
uuid-dev x11-common zfs-zed zip
Suggested packages:
  autoconf-archive gnu-standards autoconf-doc gettext binutils-doc codeblocks
  eclipse ninja-build colord-sensor-argyll doc-base cpp-doc gcc-5-locales
  default-jre debian-keyring g++-multilib g++-5-multilib gcc-5-doc
  libstdc++6-5-dbg gcc-multilib flex bison gdb gcc-doc gcc-5-multilib
```

```
libgcc1-dbg libgomp1-dbg libitm1-dbg libatomic1-dbg libasan2-dbg
liblsan0-dbg libtsan0-dbg libubsan0-dbg libcilkrts5-dbg libmpx0-dbg
libquadmath0-dbg apache2 | lighttpd | httpd lrzip glibc-doc cups-common
libgd-tools gnome-keyring gphoto2 gvfs liblcms2-utils libtool-doc pcscd
librsvg2-bin avahi-daemon hplip libsane-extras sane-utils lm-sensors
libstdc++-5-doc gfortran | fortran95-compiler gcj-jdk make-doc libnss-mdns
fonts-dejavu-extra fonts-ipafont-gothic fonts-ipafont-mincho
fonts-wqy-microhei fonts-wqy-zenhei fonts-indic python-doc python-tk
python-cryptography-doc python-cryptography-vectors python-enum34-doc
python-gi-cairo python-gobject-2-dbg python-gtk2-doc python-openssl-doc
python-openssl-dbg python-pam-dbg python-wxgtk3.0 | python-wxgtk
python-setuptools-doc python-twisted-bin-dbg python-glade2 python-qt3
python-wxgtk3.0 python2.7-doc binfmt-support texlive-latex-recommended
texlive-latex-base texlive-lang-french fonts-linuxlibertine
| ttf-linux-libertine docutils-doc python-pil-doc python3-pil-dbg
ttf-bitstream-vera ri ruby-dev bundler isag attr quota default-mta
| mail-transport-agent samba-common-bin nfs-kernel-server
The following NEW packages will be installed:
  adwaita-icon-theme at-spi2-core autoconf automake autotools-dev aws-status
  awscli bc binutils build-essential ca-certificates-java cmake cmake-data
  colord colord-data comerr-dev cpp cpp-5 dconf-gsettings-backend
  dconf-service default-jre-headless dkms docutils-common dpkg-dev
  e2fsck-static e2fslibs-dbg e2fslibs-dev e2fsprogs-dbg ec2-ami-tools
  ec2-api-tools ec2-init fakeroot fontconfig fontconfig-config
  fonts-dejavu-core fonts-lato g++ g++-5 gcc gcc-5 glib-networking
  glib-networking-common glib-networking-services gsettings-desktop-schemas
  hicolor-icon-theme htop humanity-icon-theme indicator-application
  java-common javascript-common jfsutils libalgorithm-diff-perl
  libalgorithm-diff-xs-perl libalgorithm-merge-perl libappindicator1
  libappindicator3-1 libarchive13 libasan2 libatk-bridge2.0-0 libatk1.0-0
  libatk1.0-data libatomic1 libatspi2.0-0 libavahi-client3
  libavahi-common-data libavahi-common3 libboost-filesystem1.58.0
  libboost-system1.58.0 libc-dev-bin libc6-dev libcairo-gobject2 libcairo2
  libcapnp-0.5.3 libcc1-0 libcilkrts5 libcolord2 libcolorhug2 libcroco3
  libcups2 libcurl3 libdatrie1 libdbusmenu-glib4 libdbusmenu-gtk3-4
  libdbusmenu-gtk4 libdconf1 libdpkg-perl libdrm-amdgpu1 libdrm-intel1
  libdrm-nouveau2 libdrm-radeon1 libegl1-mesa libepoxy0 libexif12
  libexpat1-dev libfakeroot libfile-fcntllock-perl libfontconfig1 libgbm1
  libgcc-5-dev libgd3 libgdk-pixbuf2.0-0 libgdk-pixbuf2.0-common
  libgl1-mesa-dri libglapi-mesa libgnome-keyring-common libgnome-keyring0
  libgomp1 libgphoto2-6 libgphoto2-l10n libgphoto2-port12 libgraphite2-3
  libgtk-3-0 libgtk-3-bin libgtk-3-common libgtk2.0-0 libgtk2.0-bin
  libgtk2.0-common libgudev-1.0-0 libgusb2 libharfbuzz0b libieee1284-3
  libindicator3-7 libindicator7 libisl15 libitm1 libjbig0 libjpeg-turbo8
  libjpeg8 libjs-jquery libjson-glib-1.0-0 libjson-glib-1.0-common libjsoncpp1
  liblcms2-2 libllvm5.0 liblsan0 libltdl-dev libltdl7 libmirclient9
  libmircommon7 libmircore1 libmirprotobuf3 libmpc3 libmpx0 libnspr4 libnss3
  libnss3-nssdb libnvpair1linux libpango-1.0-0 libpangocairo-1.0-0
  libpangoft2-1.0-0 libpaper-utils libpaper1 libpciaccess0 libpcsclite1
  libpixman-1-0 libprotobuf-lite9v5 libproxy1v5 libpython-all-dev
  libpython-dev libpython-stdlib libpython2.7 libpython2.7-dev
  libpython2.7-minimal libpython2.7-stdlib libpython3-dev libpython3.5-dev
```

```
    libquadmath0 librest-0.7-0 librsvg2-2 librsvg2-common libruby2.3 libsane
    libsane-common libsensors4 libsoup-gnome2.4-1 libsoup2.4-1 libstdc++-5-dev
    libthai-data libthai0 libtiff5 libtool libtsan0 libtxc-dxtn-s2tc0 libubsan0
    libuutil1linux libvpx3 libwayland-client0 libwayland-cursor0
    libwayland-egl1-mesa libwayland-server0 libwebp5 libwebpmux1 libx11-xcb1
    libxcb-dri2-0 libxcb-dri3-0 libxcb-present0 libxcb-render0 libxcb-shm0
    libxcb-sync1 libxcb-xfixes0 libxcomposite1 libxcursor1 libxdamage1
    libxfixes3 libxi6 libxinerama1 libxkbcommon0 libxpm4 libxrandr2 libxrender1
    libxshmfence1 libxtst6 libzfs2linux libzpool2linux linux-libc-dev m4 make
    manpages-dev openjdk-8-jre-headless p7zip p7zip-full p7zip-rar pbzip2 pigz
    pixz python python-all python-all-dev python-appindicator python-attr
    python-cairo python-cffi-backend python-cryptography python-dateutil
    python-dev python-enum34 python-gi python-gnomekeyring python-gobject
    python-gobject-2 python-gtk2 python-idna python-ipaddress python-minimal
    python-openssl python-pam python-pip python-pip-whl python-pkg-resources
    python-pyasn1 python-pyasn1-modules python-serial python-service-identity
    python-setuptools python-six python-twisted python-twisted-bin
    python-twisted-core python-txaws python-wheel python-zope.interface
    python2.7 python2.7-dev python2.7-minimal python3-botocore python3-colorama
    python3-dateutil python3-dev python3-docutils python3-jmespath python3-pil
    python3-pip python3-pygments python3-roman python3-rsa python3-s3transfer
    python3-setuptools python3-wheel python3.5-dev rake ruby ruby-did-you-mean
    ruby-minitest ruby-net-telnet ruby-power-assert ruby-test-unit ruby2.3
    rubygems-integration spl spl-dkms sysstat ubuntu-mono unzip uuid-dev
    x11-common xfsdump xfslibs-dev zfs-dkms zfs-doc zfs-initramfs zfs-zed zfsnap
    zfsutils-linux zfsutils-linux-dbg zip
0 upgraded, 305 newly installed, 0 to remove and 0 not upgraded.
Need to get 221 MB of archives.
After this operation, 819 MB of additional disk space will be used.
Do you want to continue? [Y/n] Y
Get:1 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 c
make-data all 3.5.1-1ubuntu3 [1,121 kB]
Get:2 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 l
ibarchive13 amd64 3.1.2-11ubuntu0.16.04.3 [262 kB]
Get:3 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 l
ibcurl3 amd64 7.47.0-1ubuntu2.8 [187 kB]
Get:4 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libjsoncp
p1 amd64 1.7.2-1 [73.0 kB]
Get:5 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 c
make amd64 3.5.1-1ubuntu3 [2,623 kB]
Get:6 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 fonts-dej
avu-core all 2.35-1 [1,039 kB]
Get:7 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 f
ontconfig-config all 2.11.94-0ubuntu1.1 [49.9 kB]
Get:8 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 l
ibfontconfig1 amd64 2.11.94-0ubuntu1.1 [131 kB]
Get:9 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 f
ontconfig amd64 2.11.94-0ubuntu1.1 [178 kB]
Get:10 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 fonts-la
to all 2.0-1 [2,693 kB]
Get:11 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libdbusmenu-glib4 amd64 16.04.1+16.04.20160927-0ubuntu1 [41.0 kB]
```

```
Get:12 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libatk1.
0-data all 2.18.0-1 [17.1 kB]
Get:13 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libatk1.
0-0 amd64 2.18.0-1 [56.9 kB]
Get:14 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libjpeg-
turbo8 amd64 1.4.2-0ubuntu3 [111 kB]
Get:15 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libjpeg8
 amd64 8c-2ubuntu8 [2,194 B]
Get:16 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libjbig0
 amd64 2.1-3.1 [26.6 kB]
Get:17 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libtiff5 amd64 4.0.6-1ubuntu0.4 [148 kB]
Get:18 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libgdk-pixbuf2.0-common all 2.32.2-1ubuntu1.4 [10.5 kB]
Get:19 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libgdk-pixbuf2.0-0 amd64 2.32.2-1ubuntu1.4 [158 kB]
Get:20 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libthai-
data all 0.1.24-2 [131 kB]
Get:21 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libdatri
e1 amd64 0.2.10-2 [17.3 kB]
Get:22 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libthai0
 amd64 0.1.24-2 [17.3 kB]
Get:23 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libpango
-1.0-0 amd64 1.38.1-1 [148 kB]
Get:24 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libdbusmenu-gtk4 amd64 16.04.1+16.04.20160927-0ubuntu1 [26.5 kB]
Get:25 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libgtk2.0-common all 2.24.30-1ubuntu1.16.04.2 [123 kB]
Get:26 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libpixma
n-1-0 amd64 0.33.6-1 [231 kB]
Get:27 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-r
ender0 amd64 1.11.1-1ubuntu1 [11.4 kB]
Get:28 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-s
hm0 amd64 1.11.1-1ubuntu1 [5,588 B]
Get:29 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxrend
er1 amd64 1:0.9.9-0ubuntu1 [18.5 kB]
Get:30 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libcairo
2 amd64 1.14.6-1 [555 kB]
Get:31 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libavahi-common-data amd64 0.6.32~rc+dfsg-1ubuntu2.2 [21.5 kB]
Get:32 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libavahi-common3 amd64 0.6.32~rc+dfsg-1ubuntu2.2 [21.6 kB]
Get:33 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libavahi-client3 amd64 0.6.32~rc+dfsg-1ubuntu2.2 [25.2 kB]
Get:34 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libcups2 amd64 2.1.3-4ubuntu0.4 [197 kB]
Get:35 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libgraphite2-3 amd64 1.3.10-0ubuntu0.16.04.1 [71.7 kB]
Get:36 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libharfbuzz0b amd64 1.0.1-1ubuntu0.1 [140 kB]
Get:37 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libpango
ft2-1.0-0 amd64 1.38.1-1 [33.3 kB]
```

```
Get:38 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libpango
cairo-1.0-0 amd64 1.38.1-1 [20.5 kB]
Get:39 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcomp
osite1 amd64 1:0.4.4-1 [7,714 B]
Get:40 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxfixe
s3 amd64 1:5.0.1-2 [11.1 kB]
Get:41 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libxcursor1 amd64 1:1.1.14-1ubuntu0.16.04.1 [20.2 kB]
Get:42 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxdama
ge1 amd64 1:1.1.4-2 [6,946 B]
Get:43 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxi6 a
md64 2:1.7.6-1 [28.6 kB]
Get:44 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxiner
ama1 amd64 2:1.1.3-1 [7,908 B]
Get:45 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxrand
r2 amd64 2:1.5.0-1 [17.6 kB]
Get:46 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libgtk2.0-0 amd64 2.24.30-1ubuntu1.16.04.2 [1,775 kB]
Get:47 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libindic
ator7 amd64 12.10.2+16.04.20151208-0ubuntu1 [21.9 kB]
Get:48 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libappindicator1 amd64 12.10.1+16.04.20170215-0ubuntu1 [19.4 kB]
Get:49 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libdbusmenu-gtk3-4 amd64 16.04.1+16.04.20160927-0ubuntu1 [26.8 kB]
Get:50 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libdconf
1 amd64 0.24.0-2 [31.4 kB]
Get:51 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 dconf-se
rvice amd64 0.24.0-2 [27.1 kB]
Get:52 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 dconf-gs
ettings-backend amd64 0.24.0-2 [19.4 kB]
Get:53 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 hicolor-
icon-theme all 0.15-0ubuntu1 [7,750 B]
Get:54 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libgtk-3-bin amd64 3.18.9-1ubuntu3.3 [53.7 kB]
Get:55 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libcroco
3 amd64 0.6.11-1 [81.6 kB]
Get:56 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 librsvg2
-2 amd64 2.40.13-3 [93.9 kB]
Get:57 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 librsvg2
-common amd64 2.40.13-3 [5,034 B]
Get:58 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
humanity-icon-theme all 0.6.10.1 [1,289 kB]
Get:59 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
ubuntu-mono all 14.04+16.04.20180326-0ubuntu1 [178 kB]
Get:60 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
adwaita-icon-theme all 3.18.0-2ubuntu3.1 [3,359 kB]
Get:61 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libgtk-3-common all 3.18.9-1ubuntu3.3 [206 kB]
Get:62 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libatspi
2.0-0 amd64 2.18.3-4ubuntu1 [57.4 kB]
Get:63 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libatk-b
ridge2.0-0 amd64 2.18.1-2ubuntu1 [52.8 kB]
```

Get:64 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libcairo
-gobject2 amd64 1.14.6-1 [17.3 kB]
Get:65 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 liblcms2
-2 amd64 2.6-3ubuntu2 [137 kB]
Get:66 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libcolor
d2 amd64 1.2.12-1ubuntu1 [104 kB]
Get:67 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libepoxy0 amd64 1.3.1-1ubuntu0.16.04.2 [177 kB]
Get:68 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libjson-
glib-1.0-common all 1.1.2-0ubuntu1 [6,172 B]
Get:69 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libjson-
glib-1.0-0 amd64 1.1.2-0ubuntu1 [60.3 kB]
Get:70 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libboost-system1.58.0 amd64 1.58.0+dfsg-5ubuntu3.1 [9,146 B]
Get:71 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/universe amd64 libc
apnp-0.5.3 amd64 0.5.3-2ubuntu1 [581 kB]
Get:72 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libboost-filesystem1.58.0 amd64 1.58.0+dfsg-5ubuntu3.1 [37.5 kB]
Get:73 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libmircore1 amd64 0.26.3+16.04.20170605-0ubuntu1.1 [24.4 kB]
Get:74 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libmircommon7 amd64 0.26.3+16.04.20170605-0ubuntu1.1 [89.7 kB]
Get:75 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libproto
buf-lite9v5 amd64 2.6.1-1.3 [58.4 kB]
Get:76 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libmirprotobuf3 amd64 0.26.3+16.04.20170605-0ubuntu1.1 [120 kB]
Get:77 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxkbco
mmon0 amd64 0.5.0-1ubuntu2 [97.2 kB]
Get:78 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libmirclient9 amd64 0.26.3+16.04.20170605-0ubuntu1.1 [194 kB]
Get:79 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libproxy
1v5 amd64 0.4.11-5ubuntu1 [48.6 kB]
Get:80 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
glib-networking-common all 2.48.2-1~ubuntu16.04.1 [10.9 kB]
Get:81 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
glib-networking-services amd64 2.48.2-1~ubuntu16.04.1 [16.0 kB]
Get:82 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 gsetting
s-desktop-schemas all 3.18.1-1ubuntu1 [25.9 kB]
Get:83 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
glib-networking amd64 2.48.2-1~ubuntu16.04.1 [43.7 kB]
Get:84 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libsoup2.4-1 amd64 2.52.2-1ubuntu0.2 [269 kB]
Get:85 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libsoup-gnome2.4-1 amd64 2.52.2-1ubuntu0.2 [4,984 B]
Get:86 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 librest-
0.7-0 amd64 0.7.93-1 [31.9 kB]
Get:87 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libwayland-client0 amd64 1.12.0-1~ubuntu16.04.3 [22.5 kB]
Get:88 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libwayland-cursor0 amd64 1.12.0-1~ubuntu16.04.3 [10.1 kB]
Get:89 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
libwayland-server0 amd64 1.12.0-1~ubuntu16.04.3 [28.0 kB]

Get:90 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 libgbm1 amd64 17.2.8-0ubuntu0~16.04.1 [24.6 kB]
Get:91 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libx11-xcb1 amd64 2:1.6.3-1ubuntu2 [8,956 B]
Get:92 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-dri2-0 amd64 1.11.1-1ubuntu1 [6,882 B]
Get:93 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-dri3-0 amd64 1.11.1-1ubuntu1 [5,218 B]
Get:94 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-present0 amd64 1.11.1-1ubuntu1 [5,218 B]
Get:95 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-sync1 amd64 1.11.1-1ubuntu1 [8,324 B]
Get:96 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxcb-xfixes0 amd64 1.11.1-1ubuntu1 [8,840 B]
Get:97 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxshmfence1 amd64 1.2-1 [5,042 B]
Get:98 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 libdrm-amdgpu1 amd64 2.4.83-1~16.04.1 [18.6 kB]
Get:99 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libpciaccess0 amd64 0.13.4-1 [18.1 kB]
Get:100 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 libdrm-intel1 amd64 2.4.83-1~16.04.1 [59.9 kB]
Get:101 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 libdrm-nouveau2 amd64 2.4.83-1~16.04.1 [16.3 kB]
Get:102 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 libdrm-radeon1 amd64 2.4.83-1~16.04.1 [21.5 kB]
Get:103 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 libglapi-mesa amd64 17.2.8-0ubuntu0~16.04.1 [22.8 kB]
Get:104 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 libllvm5.0 amd64 1:5.0-3~16.04.1 [13.5 MB]
Get:105 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libsensors4 amd64 1:3.4.0-2 [28.4 kB]
Get:106 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 libgl1-mesa-dri amd64 17.2.8-0ubuntu0~16.04.1 [5,782 kB]
Get:107 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 libegl1-mesa amd64 17.2.8-0ubuntu0~16.04.1 [84.8 kB]
Get:108 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 libwayland-egl1-mesa amd64 17.2.8-0ubuntu0~16.04.1 [5,872 B]
Get:109 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 libgtk-3-0 amd64 3.18.9-1ubuntu3.3 [2,352 kB]
Get:110 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libindicator3-7 amd64 12.10.2+16.04.20151208-0ubuntu1 [26.1 kB]
Get:111 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 libappindicator3-1 amd64 12.10.1+16.04.20170215-0ubuntu1 [19.4 kB]
Get:112 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libexif12 amd64 0.6.21-2 [77.6 kB]
Get:113 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgnome-keyring-common all 3.12.0-1build1 [5,792 B]
Get:114 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgnome-keyring0 amd64 3.12.0-1build1 [56.1 kB]
Get:115 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libieee1284-3 amd64 0.2.11-12 [23.8 kB]

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Get:116 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libsane-common all 1.0.25+git20150528-1ubuntu2.16.04.1 [710 kB]
Get:117 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 x11-com
mon all 1:7.7+13ubuntu3 [22.4 kB]
Get:118 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libxtst
6 amd64 2:1.2.2-1 [14.1 kB]
Get:119 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libpython2.7-minimal amd64 2.7.12-1ubuntu0~16.04.3 [340 kB]
Get:120 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  python2.7-minimal amd64 2.7.12-1ubuntu0~16.04.3 [1,261 kB]
Get:121 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  python-minimal amd64 2.7.12-1~16.04 [28.1 kB]
Get:122 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libpython2.7-stdlib amd64 2.7.12-1ubuntu0~16.04.3 [1,880 kB]
Get:123 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  python2.7 amd64 2.7.12-1ubuntu0~16.04.3 [224 kB]
Get:124 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libpython-stdlib amd64 2.7.12-1~16.04 [7,768 B]
Get:125 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  python amd64 2.7.12-1~16.04 [137 kB]
Get:126 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libmpc3
  amd64 1.0.3-1 [39.7 kB]
Get:127 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libtxc-
dxtn-s2tc0 amd64 0~git20131104-1.1 [51.8 kB]
Get:128 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/universe amd64 pig
z amd64 2.3.1-2 [61.1 kB]
Get:129 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libisl1
5 amd64 0.16.1-1 [524 kB]
Get:130 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  cpp-5 amd64 5.4.0-6ubuntu1~16.04.9 [7,685 kB]
Get:131 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 cpp amd
64 4:5.3.1-1ubuntu1 [27.7 kB]
Get:132 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libcc1-0 amd64 5.4.0-6ubuntu1~16.04.9 [38.8 kB]
Get:133 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  binutils amd64 2.26.1-1ubuntu1~16.04.6 [2,311 kB]
Get:134 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libgomp1 amd64 5.4.0-6ubuntu1~16.04.9 [55.0 kB]
Get:135 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libitm1 amd64 5.4.0-6ubuntu1~16.04.9 [27.4 kB]
Get:136 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libatomic1 amd64 5.4.0-6ubuntu1~16.04.9 [8,882 B]
Get:137 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libasan2 amd64 5.4.0-6ubuntu1~16.04.9 [264 kB]
Get:138 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  liblsan0 amd64 5.4.0-6ubuntu1~16.04.9 [105 kB]
Get:139 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libtsan0 amd64 5.4.0-6ubuntu1~16.04.9 [244 kB]
Get:140 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libubsan0 amd64 5.4.0-6ubuntu1~16.04.9 [95.2 kB]
Get:141 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libcilkrts5 amd64 5.4.0-6ubuntu1~16.04.9 [40.1 kB]
```

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Get:142 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libmpx0 amd64 5.4.0-6ubuntu1~16.04.9 [9,774 B]
Get:143 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libquadmath0 amd64 5.4.0-6ubuntu1~16.04.9 [131 kB]
Get:144 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libgcc-5-dev amd64 5.4.0-6ubuntu1~16.04.9 [2,242 kB]
Get:145 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 gcc-5 amd64 5.4.0-6ubuntu1~16.04.9 [8,650 kB]
Get:146 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 gcc amd
64 4:5.3.1-1ubuntu1 [5,244 B]
Get:147 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 make am
d64 4.1-6 [151 kB]
Get:148 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libc-dev-bin amd64 2.23-0ubuntu10 [68.7 kB]
Get:149 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 linux-libc-dev amd64 4.4.0-127.153 [870 kB]
Get:150 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libc6-dev amd64 2.23-0ubuntu10 [2,079 kB]
Get:151 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libstdc++-5-dev amd64 5.4.0-6ubuntu1~16.04.9 [1,427 kB]
Get:152 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 g++-5 amd64 5.4.0-6ubuntu1~16.04.9 [8,333 kB]
Get:153 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 g++ amd
64 4:5.3.1-1ubuntu1 [1,504 B]
Get:154 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libdpkg-perl all 1.18.4ubuntu1.4 [195 kB]
Get:155 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 dpkg-dev all 1.18.4ubuntu1.4 [584 kB]
Get:156 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 build-e
ssential amd64 12.1ubuntu2 [4,758 B]
Get:157 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 dkms all 2.2.0.3-2ubuntu11.5 [66.3 kB]
Get:158 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/universe a
md64 spl-dkms amd64 0.6.5.6-0ubuntu4 [384 kB]
Get:159 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 zfs-doc all 0.6.5.6-0ubuntu21 [48.0 kB]
Get:160 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/universe a
md64 zfs-dkms amd64 0.6.5.6-0ubuntu21 [1,085 kB]
Get:161 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 at-spi2
-core amd64 2.18.3-4ubuntu1 [45.7 kB]
Get:162 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 m4 amd6
4 1.4.17-5 [195 kB]
Get:163 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 autocon
f all 2.69-9 [321 kB]
Get:164 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 autotoo
ls-dev all 20150820.1 [39.8 kB]
Get:165 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 automak
e all 1:1.15-4ubuntu1 [510 kB]
Get:166 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 python-twisted-bin amd64 16.0.0-1ubuntu0.2 [12.9 kB]
Get:167 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python-
pkg-resources all 20.7.0-1 [108 kB]
```

Get:168 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python-zope.interface amd64 4.1.3-1build1 [81.0 kB]
Get:169 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python-cffi-backend amd64 1.5.2-1ubuntu1 [58.1 kB]
Get:170 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python-enum34 all 1.1.2-1 [35.8 kB]
Get:171 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python-idna all 2.0-3 [35.1 kB]
Get:172 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python-ipaddress all 1.0.16-1 [18.0 kB]
Get:173 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python-pyasn1 all 0.1.9-1 [45.1 kB]
Get:174 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python-six all 1.10.0-3 [10.9 kB]
Get:175 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 python-cryptography amd64 1.2.3-1ubuntu0.1 [199 kB]
Get:176 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python-openssl all 0.15.1-2build1 [84.1 kB]
Get:177 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python-attr all 15.2.0-1 [11.3 kB]
Get:178 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python-pyasn1-modules all 0.0.7-0.1 [20.5 kB]
Get:179 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python-service-identity all 16.0.0-2 [9,318 B]
Get:180 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 python-twisted-core all 16.0.0-1ubuntu0.2 [1,941 kB]
Get:181 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 python-twisted all 16.0.0-1ubuntu0.2 [3,592 B]
Get:182 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python-dateutil all 2.4.2-1 [42.5 kB]
Get:183 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/universe amd64 python-txaws all 0.2.3-1ubuntu1 [101 kB]
Get:184 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python-cairo amd64 1.8.8-2 [41.3 kB]
Get:185 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python-gobject-2 amd64 2.28.6-12ubuntu1 [181 kB]
Get:186 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python-gtk2 amd64 2.24.0-4ubuntu1 [620 kB]
Get:187 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python-gi amd64 3.20.0-0ubuntu1 [194 kB]
Get:188 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/universe amd64 python-gobject all 3.20.0-0ubuntu1 [2,544 B]
Get:189 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/universe amd64 python-gnomekeyring amd64 2.32.0+dfsg-3 [22.7 kB]
Get:190 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/universe amd64 python-appindicator amd64 12.10.1+16.04.20170215-0ubuntu1 [7,740 B]
Get:191 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/universe amd64 aws-status all 0.2.3-1ubuntu1 [3,110 B]
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Get:193 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python3-roman all 2.0.0-2 [8,140 B]

Get:194 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 docutil
s-common all 0.12+dfsg-1 [141 kB]
Get:195 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python3
-docutils all 0.12+dfsg-1 [346 kB]
Get:196 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/universe amd64 pyt
hon3-jmespath all 0.9.0-2 [16.6 kB]
Get:197 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/universe a
md64 python3-botocore all 1.4.70-1~16.04.0 [1,054 kB]
Get:198 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/universe amd64 pyt
hon3-colorama all 0.3.7-1 [14.9 kB]
Get:199 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/universe amd64 pyt
hon3-rsa all 3.2.3-1.1 [27.2 kB]
Get:200 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/universe a
md64 python3-s3transfer all 0.1.9-1~16.04.0 [35.6 kB]
Get:201 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/universe a
md64 awscli all 1.11.13-1ubuntu1~16.04.0 [406 kB]
Get:202 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 bc amd6
4 1.06.95-9build1 [82.6 kB]
Get:203 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 java-co
mmon all 0.56ubuntu2 [7,742 B]
Get:204 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libnspr4 amd64 2:4.13.1-0ubuntu0.16.04.1 [112 kB]
Get:205 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libnss3-nssdb all 2:3.28.4-0ubuntu0.16.04.3 [10.6 kB]
Get:206 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libnss3 amd64 2:3.28.4-0ubuntu0.16.04.3 [1,148 kB]
Get:207 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libpcsclite1 amd64 1.8.14-1ubuntu1.16.04.1 [21.4 kB]
Get:208 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 openjdk-8-jre-headless amd64 8u171-b11-0ubuntu0.16.04.1 [27.0 MB]
Get:209 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 default
-jre-headless amd64 2:1.8-56ubuntu2 [4,380 B]
Get:210 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 ca-certificates-java all 20160321ubuntu1 [12.5 kB]
Get:211 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgusb
2 amd64 0.2.9-0ubuntu1 [20.2 kB]
Get:212 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libcolo
rhug2 amd64 1.2.12-1ubuntu1 [32.0 kB]
Get:213 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgude
v-1.0-0 amd64 1:230-2 [13.0 kB]
Get:214 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libvpx3
 amd64 1.5.0-2ubuntu1 [732 kB]
Get:215 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libxpm4 amd64 1:3.5.11-1ubuntu0.16.04.1 [33.8 kB]
Get:216 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 libgd3 amd64 2.1.1-4ubuntu0.16.04.8 [126 kB]
Get:217 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libltdl
7 amd64 2.4.6-0.1 [38.3 kB]
Get:218 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgpho
to2-port12 amd64 2.5.9-3 [48.0 kB]
Get:219 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgpho
to2-6 amd64 2.5.9-3 [787 kB]

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Get:220 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libsane amd64 1.0.25+git20150528-1ubuntu2.16.04.1 [2,012 kB]
Get:221 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 colord-
data all 1.2.12-1ubuntu1 [111 kB]
Get:222 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 colord
amd64 1.2.12-1ubuntu1 [178 kB]
Get:223 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/universe amd64 e2f
sck-static amd64 1.42.13-1ubuntu1 [589 kB]
Get:224 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libfake
root amd64 1.20.2-1ubuntu1 [25.5 kB]
Get:225 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 fakeroo
t amd64 1.20.2-1ubuntu1 [61.8 kB]
Get:226 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/universe a
md64 htop amd64 2.0.1-1ubuntu1 [76.4 kB]
Get:227 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  indicator-application amd64 12.10.1+16.04.20170120-0ubuntu1 [24.0 kB]
Get:228 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 javascr
ipt-common all 11 [6,066 B]
Get:229 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 jfsutil
s amd64 1.1.15-2.1 [272 kB]
Get:230 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libalgo
rithm-diff-perl all 1.19.03-1 [47.6 kB]
Get:231 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libalgo
rithm-diff-xs-perl amd64 0.04-4build1 [11.0 kB]
Get:232 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libalgo
rithm-merge-perl all 0.08-3 [12.0 kB]
Get:233 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libexpat1-dev amd64 2.1.0-7ubuntu0.16.04.3 [115 kB]
Get:234 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libfile
-fcntllock-perl amd64 0.22-3 [32.0 kB]
Get:235 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libgpho
to2-l10n all 2.5.9-3 [11.1 kB]
Get:236 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libgtk2.0-bin amd64 2.24.30-1ubuntu1.16.04.2 [9,834 B]
Get:237 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libjs-j
query all 1.11.3+dfsg-4 [161 kB]
Get:238 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libltdl
-dev amd64 2.4.6-0.1 [162 kB]
Get:239 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libpape
r1 amd64 1.1.24+nmu4ubuntu1 [13.7 kB]
Get:240 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libpape
r-utils amd64 1.1.24+nmu4ubuntu1 [8,276 B]
Get:241 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libpython2.7 amd64 2.7.12-1ubuntu0~16.04.3 [1,070 kB]
Get:242 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libpython2.7-dev amd64 2.7.12-1ubuntu0~16.04.3 [27.8 MB]
Get:243 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libpython-dev amd64 2.7.12-1~16.04 [7,840 B]
Get:244 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libpython-all-dev amd64 2.7.12-1~16.04 [1,006 B]
Get:245 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
  libpython3.5-dev amd64 3.5.2-2ubuntu0~16.04.4 [37.3 MB]
```

Get:246 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libpython3-dev amd64 3.5.1-3 [6,926 B]
Get:247 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libtool all 2.4.6-0.1 [193 kB]
Get:248 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 manpages-dev all 4.04-2 [2,048 kB]
Get:249 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/universe amd64 p7zip amd64 9.20.1~dfsg.1-4.2 [307 kB]
Get:250 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/universe amd64 p7zip-full amd64 9.20.1~dfsg.1-4.2 [919 kB]
Get:251 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/multiverse amd64 p7zip-rar amd64 9.20.1~ds.1-4 [39.1 kB]
Get:252 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/universe amd64 pbzip2 amd64 1.1.9-1 [36.3 kB]
Get:253 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/universe amd64 pixz amd64 1.0.6-2 [19.8 kB]
Get:254 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 python-all amd64 2.7.12-1~16.04 [996 B]
Get:255 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 python2.7-dev amd64 2.7.12-1ubuntu0~16.04.3 [276 kB]
Get:256 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 python-dev amd64 2.7.12-1~16.04 [1,186 B]
Get:257 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 python-all-dev amd64 2.7.12-1~16.04 [1,016 B]
Get:258 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python-pam amd64 0.4.2-13.2ubuntu2 [9,932 B]
Get:259 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/universe amd64 python-pip-whl all 8.1.1-2ubuntu0.4 [1,110 kB]
Get:260 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/universe amd64 python-pip all 8.1.1-2ubuntu0.4 [144 kB]
Get:261 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python-serial all 3.0.1-1 [69.9 kB]
Get:262 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python-setuptools all 20.7.0-1 [169 kB]
Get:263 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/universe amd64 python-wheel all 0.29.0-1 [48.0 kB]
Get:264 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 python3.5-dev amd64 3.5.2-2ubuntu0~16.04.4 [413 kB]
Get:265 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python3-dev amd64 3.5.1-3 [1,186 B]
Get:266 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libwebp5 amd64 0.4.4-1 [165 kB]
Get:267 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 libwebpmux1 amd64 0.4.4-1 [14.2 kB]
Get:268 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 python3-pil amd64 3.1.2-0ubuntu1.1 [313 kB]
Get:269 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/universe amd64 python3-pip all 8.1.1-2ubuntu0.4 [109 kB]
Get:270 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python3-pygments all 2.1+dfsg-1 [520 kB]
Get:271 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 python3-setuptools all 20.7.0-1 [88.0 kB]

Get:272 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/universe amd64 python3-wheel all 0.29.0-1 [48.1 kB]
Get:273 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 rubygems-integration all 1.10 [4,966 B]
Get:274 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 ruby-did-you-mean all 1.0.0-2 [8,390 B]
Get:275 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 ruby-minitest all 5.8.4-2 [36.6 kB]
Get:276 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 ruby-net-telnet all 0.1.1-2 [12.6 kB]
Get:277 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 ruby-power-assert all 0.2.7-1 [7,668 B]
Get:278 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 ruby-test-unit all 3.1.7-2 [60.3 kB]
Get:279 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 libruby2.3 amd64 2.3.1-2~16.04.9 [2,963 kB]
Get:280 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 ruby2.3 amd64 2.3.1-2~16.04.9 [41.0 kB]
Get:281 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 ruby all 1:2.3.0+1 [5,530 B]
Get:282 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 rake all 10.5.0-2 [48.2 kB]
Get:283 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 sysstat amd64 11.2.0-1ubuntu0.2 [243 kB]
Get:284 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 unzip amd64 6.0-20ubuntu1 [158 kB]
Get:285 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 xfsdump amd64 3.1.6+nmu1 [208 kB]
Get:286 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 zip amd64 3.0-11 [158 kB]
Get:287 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 comerr-dev amd64 2.1-1.42.13-1ubuntu1 [38.2 kB]
Get:288 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 e2fslibs-dbg amd64 1.42.13-1ubuntu1 [332 kB]
Get:289 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 e2fslibs-dev amd64 1.42.13-1ubuntu1 [203 kB]
Get:290 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/main amd64 e2fsprogs-dbg amd64 1.42.13-1ubuntu1 [998 kB]
Get:291 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/multiverse amd64 ec2-ami-tools all 1.4.0.9-0ubuntu2 [67.3 kB]
Get:292 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/multiverse amd64 ec2-api-tools all 1.6.14.1-0ubuntu1 [14.5 MB]
Get:293 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/universe amd64 ec2-init all 18.2-4-g05926e48-0ubuntu1~16.04.2 [1,746 B]
Get:294 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 libuutil1linux amd64 0.6.5.6-0ubuntu21 [27.4 kB]
Get:295 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 libnvpair1linux amd64 0.6.5.6-0ubuntu21 [23.5 kB]
Get:296 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 libzpool2linux amd64 0.6.5.6-0ubuntu21 [384 kB]
Get:297 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64 libzfs2linux amd64 0.6.5.6-0ubuntu21 [108 kB]

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Get:298 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/universe a
md64 spl amd64 0.6.5.6-0ubuntu4 [19.2 kB]
Get:299 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 uuid-dev amd64 2.27.1-6ubuntu3.4 [26.4 kB]
Get:300 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 xfslibs-dev amd64 4.3.0+nmu1ubuntu1.1 [49.1 kB]
Get:301 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 zfsutils-linux amd64 0.6.5.6-0ubuntu21 [276 kB]
Get:302 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/universe a
md64 zfs-initramfs all 0.6.5.6-0ubuntu21 [4,120 B]
Get:303 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 zfs-zed amd64 0.6.5.6-0ubuntu21 [29.7 kB]
Get:304 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial/universe amd64 zfs
nap all 1.11.1-3 [15.4 kB]
Get:305 http://us-west-2.ec2.archive.ubuntu.com/ubuntu xenial-updates/main amd64
 zfsutils-linux-dbg amd64 0.6.5.6-0ubuntu21 [405 kB]
Fetched 221 MB in 7s (29.8 MB/s)
Extracting templates from packages: 100%
Preconfiguring packages ...
Selecting previously unselected package cmake-data.
(Reading database ... 51261 files and directories currently installed.)
Preparing to unpack .../cmake-data_3.5.1-1ubuntu3_all.deb ...
Unpacking cmake-data (3.5.1-1ubuntu3) ...
Selecting previously unselected package libarchive13:amd64.
Preparing to unpack .../libarchive13_3.1.2-11ubuntu0.16.04.3_amd64.deb ...
Unpacking libarchive13:amd64 (3.1.2-11ubuntu0.16.04.3) ...
Selecting previously unselected package libcurl3:amd64.
Preparing to unpack .../libcurl3_7.47.0-1ubuntu2.8_amd64.deb ...
Unpacking libcurl3:amd64 (7.47.0-1ubuntu2.8) ...
Selecting previously unselected package libjsoncpp1:amd64.
Preparing to unpack .../libjsoncpp1_1.7.2-1_amd64.deb ...
Unpacking libjsoncpp1:amd64 (1.7.2-1) ...
Selecting previously unselected package cmake.
Preparing to unpack .../cmake_3.5.1-1ubuntu3_amd64.deb ...
Unpacking cmake (3.5.1-1ubuntu3) ...
Selecting previously unselected package fonts-dejavu-core.
Preparing to unpack .../fonts-dejavu-core_2.35-1_all.deb ...
Unpacking fonts-dejavu-core (2.35-1) ...
Selecting previously unselected package fontconfig-config.
Preparing to unpack .../fontconfig-config_2.11.94-0ubuntu1.1_all.deb ...
Unpacking fontconfig-config (2.11.94-0ubuntu1.1) ...
Selecting previously unselected package libfontconfig1:amd64.
Preparing to unpack .../libfontconfig1_2.11.94-0ubuntu1.1_amd64.deb ...
Unpacking libfontconfig1:amd64 (2.11.94-0ubuntu1.1) ...
Selecting previously unselected package fontconfig.
Preparing to unpack .../fontconfig_2.11.94-0ubuntu1.1_amd64.deb ...
Unpacking fontconfig (2.11.94-0ubuntu1.1) ...
Selecting previously unselected package fonts-lato.
Preparing to unpack .../fonts-lato_2.0-1_all.deb ...
Unpacking fonts-lato (2.0-1) ...
Selecting previously unselected package libdbusmenu-glib4:amd64.
Preparing to unpack .../libdbusmenu-glib4_16.04.1+16.04.20160927-0ubuntu1_amd64.
```

```
deb ...
Unpacking libdbusmenu-glib4:amd64 (16.04.1+16.04.20160927-0ubuntu1) ...
Selecting previously unselected package libatk1.0-data.
Preparing to unpack .../libatk1.0-data_2.18.0-1_all.deb ...
Unpacking libatk1.0-data (2.18.0-1) ...
Selecting previously unselected package libatk1.0-0:amd64.
Preparing to unpack .../libatk1.0-0_2.18.0-1_amd64.deb ...
Unpacking libatk1.0-0:amd64 (2.18.0-1) ...
Selecting previously unselected package libjpeg-turbo8:amd64.
Preparing to unpack .../libjpeg-turbo8_1.4.2-0ubuntu3_amd64.deb ...
Unpacking libjpeg-turbo8:amd64 (1.4.2-0ubuntu3) ...
Selecting previously unselected package libjpeg8:amd64.
Preparing to unpack .../libjpeg8_8c-2ubuntu8_amd64.deb ...
Unpacking libjpeg8:amd64 (8c-2ubuntu8) ...
Selecting previously unselected package libjbig0:amd64.
Preparing to unpack .../libjbig0_2.1-3.1_amd64.deb ...
Unpacking libjbig0:amd64 (2.1-3.1) ...
Selecting previously unselected package libtiff5:amd64.
Preparing to unpack .../libtiff5_4.0.6-1ubuntu0.4_amd64.deb ...
Unpacking libtiff5:amd64 (4.0.6-1ubuntu0.4) ...
Selecting previously unselected package libgdk-pixbuf2.0-common.
Preparing to unpack .../libgdk-pixbuf2.0-common_2.32.2-1ubuntu1.4_all.deb ...
Unpacking libgdk-pixbuf2.0-common (2.32.2-1ubuntu1.4) ...
Selecting previously unselected package libgdk-pixbuf2.0-0:amd64.
Preparing to unpack .../libgdk-pixbuf2.0-0_2.32.2-1ubuntu1.4_amd64.deb ...
Unpacking libgdk-pixbuf2.0-0:amd64 (2.32.2-1ubuntu1.4) ...
Selecting previously unselected package libthai-data.
Preparing to unpack .../libthai-data_0.1.24-2_all.deb ...
Unpacking libthai-data (0.1.24-2) ...
Selecting previously unselected package libdatrie1:amd64.
Preparing to unpack .../libdatrie1_0.2.10-2_amd64.deb ...
Unpacking libdatrie1:amd64 (0.2.10-2) ...
Selecting previously unselected package libthai0:amd64.
Preparing to unpack .../libthai0_0.1.24-2_amd64.deb ...
Unpacking libthai0:amd64 (0.1.24-2) ...
Selecting previously unselected package libpango-1.0-0:amd64.
Preparing to unpack .../libpango-1.0-0_1.38.1-1_amd64.deb ...
Unpacking libpango-1.0-0:amd64 (1.38.1-1) ...
Selecting previously unselected package libdbusmenu-gtk4:amd64.
Preparing to unpack .../libdbusmenu-gtk4_16.04.1+16.04.20160927-0ubuntu1_amd64.d
eb ...
Unpacking libdbusmenu-gtk4:amd64 (16.04.1+16.04.20160927-0ubuntu1) ...
Selecting previously unselected package libgtk2.0-common.
Preparing to unpack .../libgtk2.0-common_2.24.30-1ubuntu1.16.04.2_all.deb ...
Unpacking libgtk2.0-common (2.24.30-1ubuntu1.16.04.2) ...
Selecting previously unselected package libpixman-1-0:amd64.
Preparing to unpack .../libpixman-1-0_0.33.6-1_amd64.deb ...
Unpacking libpixman-1-0:amd64 (0.33.6-1) ...
Selecting previously unselected package libxcb-render0:amd64.
Preparing to unpack .../libxcb-render0_1.11.1-1ubuntu1_amd64.deb ...
Unpacking libxcb-render0:amd64 (1.11.1-1ubuntu1) ...
Selecting previously unselected package libxcb-shm0:amd64.
```

```
Preparing to unpack .../libxcb-shm0_1.11.1-1ubuntu1_amd64.deb ...
Unpacking libxcb-shm0:amd64 (1.11.1-1ubuntu1) ...
Selecting previously unselected package libxrender1:amd64.
Preparing to unpack .../libxrender1_1%3a0.9.9-0ubuntu1_amd64.deb ...
Unpacking libxrender1:amd64 (1:0.9.9-0ubuntu1) ...
Selecting previously unselected package libcairo2:amd64.
Preparing to unpack .../libcairo2_1.14.6-1_amd64.deb ...
Unpacking libcairo2:amd64 (1.14.6-1) ...
Selecting previously unselected package libavahi-common-data:amd64.
Preparing to unpack .../libavahi-common-data_0.6.32~rc+dfsg-1ubuntu2.2_amd64.deb
 ...
Unpacking libavahi-common-data:amd64 (0.6.32~rc+dfsg-1ubuntu2.2) ...
Selecting previously unselected package libavahi-common3:amd64.
Preparing to unpack .../libavahi-common3_0.6.32~rc+dfsg-1ubuntu2.2_amd64.deb ...
Unpacking libavahi-common3:amd64 (0.6.32~rc+dfsg-1ubuntu2.2) ...
Selecting previously unselected package libavahi-client3:amd64.
Preparing to unpack .../libavahi-client3_0.6.32~rc+dfsg-1ubuntu2.2_amd64.deb ...
Unpacking libavahi-client3:amd64 (0.6.32~rc+dfsg-1ubuntu2.2) ...
Selecting previously unselected package libcups2:amd64.
Preparing to unpack .../libcups2_2.1.3-4ubuntu0.4_amd64.deb ...
Unpacking libcups2:amd64 (2.1.3-4ubuntu0.4) ...
Selecting previously unselected package libgraphite2-3:amd64.
Preparing to unpack .../libgraphite2-3_1.3.10-0ubuntu0.16.04.1_amd64.deb ...
Unpacking libgraphite2-3:amd64 (1.3.10-0ubuntu0.16.04.1) ...
Selecting previously unselected package libharfbuzz0b:amd64.
Preparing to unpack .../libharfbuzz0b_1.0.1-1ubuntu0.1_amd64.deb ...
Unpacking libharfbuzz0b:amd64 (1.0.1-1ubuntu0.1) ...
Selecting previously unselected package libpangoft2-1.0-0:amd64.
Preparing to unpack .../libpangoft2-1.0-0_1.38.1-1_amd64.deb ...
Unpacking libpangoft2-1.0-0:amd64 (1.38.1-1) ...
Selecting previously unselected package libpangocairo-1.0-0:amd64.
Preparing to unpack .../libpangocairo-1.0-0_1.38.1-1_amd64.deb ...
Unpacking libpangocairo-1.0-0:amd64 (1.38.1-1) ...
Selecting previously unselected package libxcomposite1:amd64.
Preparing to unpack .../libxcomposite1_1%3a0.4.4-1_amd64.deb ...
Unpacking libxcomposite1:amd64 (1:0.4.4-1) ...
Selecting previously unselected package libxfixes3:amd64.
Preparing to unpack .../libxfixes3_1%3a5.0.1-2_amd64.deb ...
Unpacking libxfixes3:amd64 (1:5.0.1-2) ...
Selecting previously unselected package libxcursor1:amd64.
Preparing to unpack .../libxcursor1_1%3a1.1.14-1ubuntu0.16.04.1_amd64.deb ...
Unpacking libxcursor1:amd64 (1:1.1.14-1ubuntu0.16.04.1) ...
Selecting previously unselected package libxdamage1:amd64.
Preparing to unpack .../libxdamage1_1%3a1.1.4-2_amd64.deb ...
Unpacking libxdamage1:amd64 (1:1.1.4-2) ...
Selecting previously unselected package libxi6:amd64.
Preparing to unpack .../libxi6_2%3a1.7.6-1_amd64.deb ...
Unpacking libxi6:amd64 (2:1.7.6-1) ...
Selecting previously unselected package libxinerama1:amd64.
Preparing to unpack .../libxinerama1_2%3a1.1.3-1_amd64.deb ...
Unpacking libxinerama1:amd64 (2:1.1.3-1) ...
Selecting previously unselected package libxrandr2:amd64.
```

```
Preparing to unpack .../libxrandr2_2%3a1.5.0-1_amd64.deb ...
Unpacking libxrandr2:amd64 (2:1.5.0-1) ...
Selecting previously unselected package libgtk2.0-0:amd64.
Preparing to unpack .../libgtk2.0-0_2.24.30-1ubuntu1.16.04.2_amd64.deb ...
Unpacking libgtk2.0-0:amd64 (2.24.30-1ubuntu1.16.04.2) ...
Selecting previously unselected package libindicator7.
Preparing to unpack .../libindicator7_12.10.2+16.04.20151208-0ubuntu1_amd64.deb
...
Unpacking libindicator7 (12.10.2+16.04.20151208-0ubuntu1) ...
Selecting previously unselected package libappindicator1.
Preparing to unpack .../libappindicator1_12.10.1+16.04.20170215-0ubuntu1_amd64.d
eb ...
Unpacking libappindicator1 (12.10.1+16.04.20170215-0ubuntu1) ...
Selecting previously unselected package libdbusmenu-gtk3-4:amd64.
Preparing to unpack .../libdbusmenu-gtk3-4_16.04.1+16.04.20160927-0ubuntu1_amd64
.deb ...
Unpacking libdbusmenu-gtk3-4:amd64 (16.04.1+16.04.20160927-0ubuntu1) ...
Selecting previously unselected package libdconf1:amd64.
Preparing to unpack .../libdconf1_0.24.0-2_amd64.deb ...
Unpacking libdconf1:amd64 (0.24.0-2) ...
Selecting previously unselected package dconf-service.
Preparing to unpack .../dconf-service_0.24.0-2_amd64.deb ...
Unpacking dconf-service (0.24.0-2) ...
Selecting previously unselected package dconf-gsettings-backend:amd64.
Preparing to unpack .../dconf-gsettings-backend_0.24.0-2_amd64.deb ...
Unpacking dconf-gsettings-backend:amd64 (0.24.0-2) ...
Selecting previously unselected package hicolor-icon-theme.
Preparing to unpack .../hicolor-icon-theme_0.15-0ubuntu1_all.deb ...
Unpacking hicolor-icon-theme (0.15-0ubuntu1) ...
Selecting previously unselected package libgtk-3-bin.
Preparing to unpack .../libgtk-3-bin_3.18.9-1ubuntu3.3_amd64.deb ...
Adding 'diversion of /usr/sbin/update-icon-caches to /usr/sbin/update-icon-cache
s.gtk2 by libgtk-3-bin'
Adding 'diversion of /usr/share/man/man8/update-icon-caches.8.gz to /usr/share/m
an/man8/update-icon-caches.gtk2.8.gz by libgtk-3-bin'
Unpacking libgtk-3-bin (3.18.9-1ubuntu3.3) ...
Selecting previously unselected package libcroco3:amd64.
Preparing to unpack .../libcroco3_0.6.11-1_amd64.deb ...
Unpacking libcroco3:amd64 (0.6.11-1) ...
Selecting previously unselected package librsvg2-2:amd64.
Preparing to unpack .../librsvg2-2_2.40.13-3_amd64.deb ...
Unpacking librsvg2-2:amd64 (2.40.13-3) ...
Selecting previously unselected package librsvg2-common:amd64.
Preparing to unpack .../librsvg2-common_2.40.13-3_amd64.deb ...
Unpacking librsvg2-common:amd64 (2.40.13-3) ...
Selecting previously unselected package humanity-icon-theme.
Preparing to unpack .../humanity-icon-theme_0.6.10.1_all.deb ...
Unpacking humanity-icon-theme (0.6.10.1) ...
Selecting previously unselected package ubuntu-mono.
Preparing to unpack .../ubuntu-mono_14.04+16.04.20180326-0ubuntu1_all.deb ...
Unpacking ubuntu-mono (14.04+16.04.20180326-0ubuntu1) ...
Selecting previously unselected package adwaita-icon-theme.
```

```
Preparing to unpack .../adwaita-icon-theme_3.18.0-2ubuntu3.1_all.deb ...
Unpacking adwaita-icon-theme (3.18.0-2ubuntu3.1) ...
Selecting previously unselected package libgtk-3-common.
Preparing to unpack .../libgtk-3-common_3.18.9-1ubuntu3.3_all.deb ...
Unpacking libgtk-3-common (3.18.9-1ubuntu3.3) ...
Selecting previously unselected package libatspi2.0-0:amd64.
Preparing to unpack .../libatspi2.0-0_2.18.3-4ubuntu1_amd64.deb ...
Unpacking libatspi2.0-0:amd64 (2.18.3-4ubuntu1) ...
Selecting previously unselected package libatk-bridge2.0-0:amd64.
Preparing to unpack .../libatk-bridge2.0-0_2.18.1-2ubuntu1_amd64.deb ...
Unpacking libatk-bridge2.0-0:amd64 (2.18.1-2ubuntu1) ...
Selecting previously unselected package libcairo-gobject2:amd64.
Preparing to unpack .../libcairo-gobject2_1.14.6-1_amd64.deb ...
Unpacking libcairo-gobject2:amd64 (1.14.6-1) ...
Selecting previously unselected package liblcms2-2:amd64.
Preparing to unpack .../liblcms2-2_2.6-3ubuntu2_amd64.deb ...
Unpacking liblcms2-2:amd64 (2.6-3ubuntu2) ...
Selecting previously unselected package libcolord2:amd64.
Preparing to unpack .../libcolord2_1.2.12-1ubuntu1_amd64.deb ...
Unpacking libcolord2:amd64 (1.2.12-1ubuntu1) ...
Selecting previously unselected package libepoxy0:amd64.
Preparing to unpack .../libepoxy0_1.3.1-1ubuntu0.16.04.2_amd64.deb ...
Unpacking libepoxy0:amd64 (1.3.1-1ubuntu0.16.04.2) ...
Selecting previously unselected package libjson-glib-1.0-common.
Preparing to unpack .../libjson-glib-1.0-common_1.1.2-0ubuntu1_all.deb ...
Unpacking libjson-glib-1.0-common (1.1.2-0ubuntu1) ...
Selecting previously unselected package libjson-glib-1.0-0:amd64.
Preparing to unpack .../libjson-glib-1.0-0_1.1.2-0ubuntu1_amd64.deb ...
Unpacking libjson-glib-1.0-0:amd64 (1.1.2-0ubuntu1) ...
Selecting previously unselected package libboost-system1.58.0:amd64.
Preparing to unpack .../libboost-system1.58.0_1.58.0+dfsg-5ubuntu3.1_amd64.deb .
..
Unpacking libboost-system1.58.0:amd64 (1.58.0+dfsg-5ubuntu3.1) ...
Selecting previously unselected package libcapnp-0.5.3:amd64.
Preparing to unpack .../libcapnp-0.5.3_0.5.3-2ubuntu1_amd64.deb ...
Unpacking libcapnp-0.5.3:amd64 (0.5.3-2ubuntu1) ...
Selecting previously unselected package libboost-filesystem1.58.0:amd64.
Preparing to unpack .../libboost-filesystem1.58.0_1.58.0+dfsg-5ubuntu3.1_amd64.d
eb ...
Unpacking libboost-filesystem1.58.0:amd64 (1.58.0+dfsg-5ubuntu3.1) ...
Selecting previously unselected package libmircore1:amd64.
Preparing to unpack .../libmircore1_0.26.3+16.04.20170605-0ubuntu1.1_amd64.deb .
..
Unpacking libmircore1:amd64 (0.26.3+16.04.20170605-0ubuntu1.1) ...
Selecting previously unselected package libmircommon7:amd64.
Preparing to unpack .../libmircommon7_0.26.3+16.04.20170605-0ubuntu1.1_amd64.deb
 ...
Unpacking libmircommon7:amd64 (0.26.3+16.04.20170605-0ubuntu1.1) ...
Selecting previously unselected package libprotobuf-lite9v5:amd64.
Preparing to unpack .../libprotobuf-lite9v5_2.6.1-1.3_amd64.deb ...
Unpacking libprotobuf-lite9v5:amd64 (2.6.1-1.3) ...
Selecting previously unselected package libmirprotobuf3:amd64.
```

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Preparing to unpack .../libmirprotobuf3_0.26.3+16.04.20170605-0ubuntu1.1_amd64.d
eb ...
Unpacking libmirprotobuf3:amd64 (0.26.3+16.04.20170605-0ubuntu1.1) ...
Selecting previously unselected package libxkbcommon0:amd64.
Preparing to unpack .../libxkbcommon0_0.5.0-1ubuntu2_amd64.deb ...
Unpacking libxkbcommon0:amd64 (0.5.0-1ubuntu2) ...
Selecting previously unselected package libmirclient9:amd64.
Preparing to unpack .../libmirclient9_0.26.3+16.04.20170605-0ubuntu1.1_amd64.deb
 ...
Unpacking libmirclient9:amd64 (0.26.3+16.04.20170605-0ubuntu1.1) ...
Selecting previously unselected package libproxy1v5:amd64.
Preparing to unpack .../libproxy1v5_0.4.11-5ubuntu1_amd64.deb ...
Unpacking libproxy1v5:amd64 (0.4.11-5ubuntu1) ...
Selecting previously unselected package glib-networking-common.
Preparing to unpack .../glib-networking-common_2.48.2-1~ubuntu16.04.1_all.deb ..
.
Unpacking glib-networking-common (2.48.2-1~ubuntu16.04.1) ...
Selecting previously unselected package glib-networking-services.
Preparing to unpack .../glib-networking-services_2.48.2-1~ubuntu16.04.1_amd64.de
b ...
Unpacking glib-networking-services (2.48.2-1~ubuntu16.04.1) ...
Selecting previously unselected package gsettings-desktop-schemas.
Preparing to unpack .../gsettings-desktop-schemas_3.18.1-1ubuntu1_all.deb ...
Unpacking gsettings-desktop-schemas (3.18.1-1ubuntu1) ...
Selecting previously unselected package glib-networking:amd64.
Preparing to unpack .../glib-networking_2.48.2-1~ubuntu16.04.1_amd64.deb ...
Unpacking glib-networking:amd64 (2.48.2-1~ubuntu16.04.1) ...
Selecting previously unselected package libsoup2.4-1:amd64.
Preparing to unpack .../libsoup2.4-1_2.52.2-1ubuntu0.2_amd64.deb ...
Unpacking libsoup2.4-1:amd64 (2.52.2-1ubuntu0.2) ...
Selecting previously unselected package libsoup-gnome2.4-1:amd64.
Preparing to unpack .../libsoup-gnome2.4-1_2.52.2-1ubuntu0.2_amd64.deb ...
Unpacking libsoup-gnome2.4-1:amd64 (2.52.2-1ubuntu0.2) ...
Selecting previously unselected package librest-0.7-0:amd64.
Preparing to unpack .../librest-0.7-0_0.7.93-1_amd64.deb ...
Unpacking librest-0.7-0:amd64 (0.7.93-1) ...
Selecting previously unselected package libwayland-client0:amd64.
Preparing to unpack .../libwayland-client0_1.12.0-1~ubuntu16.04.3_amd64.deb ...
Unpacking libwayland-client0:amd64 (1.12.0-1~ubuntu16.04.3) ...
Selecting previously unselected package libwayland-cursor0:amd64.
Preparing to unpack .../libwayland-cursor0_1.12.0-1~ubuntu16.04.3_amd64.deb ...
Unpacking libwayland-cursor0:amd64 (1.12.0-1~ubuntu16.04.3) ...
Selecting previously unselected package libwayland-server0:amd64.
Preparing to unpack .../libwayland-server0_1.12.0-1~ubuntu16.04.3_amd64.deb ...
Unpacking libwayland-server0:amd64 (1.12.0-1~ubuntu16.04.3) ...
Selecting previously unselected package libgbm1:amd64.
Preparing to unpack .../libgbm1_17.2.8-0ubuntu0~16.04.1_amd64.deb ...
Unpacking libgbm1:amd64 (17.2.8-0ubuntu0~16.04.1) ...
Selecting previously unselected package libx11-xcb1:amd64.
Preparing to unpack .../libx11-xcb1_2%3a1.6.3-1ubuntu2_amd64.deb ...
Unpacking libx11-xcb1:amd64 (2:1.6.3-1ubuntu2) ...
Selecting previously unselected package libxcb-dri2-0:amd64.
```

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Preparing to unpack .../libxcb-dri2-0_1.11.1-1ubuntu1_amd64.deb ...
Unpacking libxcb-dri2-0:amd64 (1.11.1-1ubuntu1) ...
Selecting previously unselected package libxcb-dri3-0:amd64.
Preparing to unpack .../libxcb-dri3-0_1.11.1-1ubuntu1_amd64.deb ...
Unpacking libxcb-dri3-0:amd64 (1.11.1-1ubuntu1) ...
Selecting previously unselected package libxcb-present0:amd64.
Preparing to unpack .../libxcb-present0_1.11.1-1ubuntu1_amd64.deb ...
Unpacking libxcb-present0:amd64 (1.11.1-1ubuntu1) ...
Selecting previously unselected package libxcb-sync1:amd64.
Preparing to unpack .../libxcb-sync1_1.11.1-1ubuntu1_amd64.deb ...
Unpacking libxcb-sync1:amd64 (1.11.1-1ubuntu1) ...
Selecting previously unselected package libxcb-xfixes0:amd64.
Preparing to unpack .../libxcb-xfixes0_1.11.1-1ubuntu1_amd64.deb ...
Unpacking libxcb-xfixes0:amd64 (1.11.1-1ubuntu1) ...
Selecting previously unselected package libxshmfence1:amd64.
Preparing to unpack .../libxshmfence1_1.2-1_amd64.deb ...
Unpacking libxshmfence1:amd64 (1.2-1) ...
Selecting previously unselected package libdrm-amdgpu1:amd64.
Preparing to unpack .../libdrm-amdgpu1_2.4.83-1~16.04.1_amd64.deb ...
Unpacking libdrm-amdgpu1:amd64 (2.4.83-1~16.04.1) ...
Selecting previously unselected package libpciaccess0:amd64.
Preparing to unpack .../libpciaccess0_0.13.4-1_amd64.deb ...
Unpacking libpciaccess0:amd64 (0.13.4-1) ...
Selecting previously unselected package libdrm-intel1:amd64.
Preparing to unpack .../libdrm-intel1_2.4.83-1~16.04.1_amd64.deb ...
Unpacking libdrm-intel1:amd64 (2.4.83-1~16.04.1) ...
Selecting previously unselected package libdrm-nouveau2:amd64.
Preparing to unpack .../libdrm-nouveau2_2.4.83-1~16.04.1_amd64.deb ...
Unpacking libdrm-nouveau2:amd64 (2.4.83-1~16.04.1) ...
Selecting previously unselected package libdrm-radeon1:amd64.
Preparing to unpack .../libdrm-radeon1_2.4.83-1~16.04.1_amd64.deb ...
Unpacking libdrm-radeon1:amd64 (2.4.83-1~16.04.1) ...
Selecting previously unselected package libglapi-mesa:amd64.
Preparing to unpack .../libglapi-mesa_17.2.8-0ubuntu0~16.04.1_amd64.deb ...
Unpacking libglapi-mesa:amd64 (17.2.8-0ubuntu0~16.04.1) ...
Selecting previously unselected package libllvm5.0:amd64.
Preparing to unpack .../libllvm5.0_1%3a5.0-3~16.04.1_amd64.deb ...
Unpacking libllvm5.0:amd64 (1:5.0-3~16.04.1) ...
Selecting previously unselected package libsensors4:amd64.
Preparing to unpack .../libsensors4_1%3a3.4.0-2_amd64.deb ...
Unpacking libsensors4:amd64 (1:3.4.0-2) ...
Selecting previously unselected package libgl1-mesa-dri:amd64.
Preparing to unpack .../libgl1-mesa-dri_17.2.8-0ubuntu0~16.04.1_amd64.deb ...
Unpacking libgl1-mesa-dri:amd64 (17.2.8-0ubuntu0~16.04.1) ...
Selecting previously unselected package libegl1-mesa:amd64.
Preparing to unpack .../libegl1-mesa_17.2.8-0ubuntu0~16.04.1_amd64.deb ...
Unpacking libegl1-mesa:amd64 (17.2.8-0ubuntu0~16.04.1) ...
Selecting previously unselected package libwayland-egl1-mesa:amd64.
Preparing to unpack .../libwayland-egl1-mesa_17.2.8-0ubuntu0~16.04.1_amd64.deb .
..
Unpacking libwayland-egl1-mesa:amd64 (17.2.8-0ubuntu0~16.04.1) ...
Selecting previously unselected package libgtk-3-0:amd64.
```

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Preparing to unpack .../libgtk-3-0_3.18.9-1ubuntu3.3_amd64.deb ...
Unpacking libgtk-3-0:amd64 (3.18.9-1ubuntu3.3) ...
Selecting previously unselected package libindicator3-7.
Preparing to unpack .../libindicator3-7_12.10.2+16.04.20151208-0ubuntu1_amd64.de
b ...
Unpacking libindicator3-7 (12.10.2+16.04.20151208-0ubuntu1) ...
Selecting previously unselected package libappindicator3-1.
Preparing to unpack .../libappindicator3-1_12.10.1+16.04.20170215-0ubuntu1_amd64
.deb ...
Unpacking libappindicator3-1 (12.10.1+16.04.20170215-0ubuntu1) ...
Selecting previously unselected package libexif12:amd64.
Preparing to unpack .../libexif12_0.6.21-2_amd64.deb ...
Unpacking libexif12:amd64 (0.6.21-2) ...
Selecting previously unselected package libgnome-keyring-common.
Preparing to unpack .../libgnome-keyring-common_3.12.0-1build1_all.deb ...
Unpacking libgnome-keyring-common (3.12.0-1build1) ...
Selecting previously unselected package libgnome-keyring0:amd64.
Preparing to unpack .../libgnome-keyring0_3.12.0-1build1_amd64.deb ...
Unpacking libgnome-keyring0:amd64 (3.12.0-1build1) ...
Selecting previously unselected package libieee1284-3:amd64.
Preparing to unpack .../libieee1284-3_0.2.11-12_amd64.deb ...
Unpacking libieee1284-3:amd64 (0.2.11-12) ...
Selecting previously unselected package libsane-common.
Preparing to unpack .../libsane-common_1.0.25+git20150528-1ubuntu2.16.04.1_all.d
eb ...
Unpacking libsane-common (1.0.25+git20150528-1ubuntu2.16.04.1) ...
Selecting previously unselected package x11-common.
Preparing to unpack .../x11-common_1%3a7.7+13ubuntu3_all.deb ...
Unpacking x11-common (1:7.7+13ubuntu3) ...
Selecting previously unselected package libxtst6:amd64.
Preparing to unpack .../libxtst6_2%3a1.2.2-1_amd64.deb ...
Unpacking libxtst6:amd64 (2:1.2.2-1) ...
Selecting previously unselected package libpython2.7-minimal:amd64.
Preparing to unpack .../libpython2.7-minimal_2.7.12-1ubuntu0~16.04.3_amd64.deb .
..
Unpacking libpython2.7-minimal:amd64 (2.7.12-1ubuntu0~16.04.3) ...
Selecting previously unselected package python2.7-minimal.
Preparing to unpack .../python2.7-minimal_2.7.12-1ubuntu0~16.04.3_amd64.deb ...
Unpacking python2.7-minimal (2.7.12-1ubuntu0~16.04.3) ...
Selecting previously unselected package python-minimal.
Preparing to unpack .../python-minimal_2.7.12-1~16.04_amd64.deb ...
Unpacking python-minimal (2.7.12-1~16.04) ...
Selecting previously unselected package libpython2.7-stdlib:amd64.
Preparing to unpack .../libpython2.7-stdlib_2.7.12-1ubuntu0~16.04.3_amd64.deb ..
.
Unpacking libpython2.7-stdlib:amd64 (2.7.12-1ubuntu0~16.04.3) ...
Selecting previously unselected package python2.7.
Preparing to unpack .../python2.7_2.7.12-1ubuntu0~16.04.3_amd64.deb ...
Unpacking python2.7 (2.7.12-1ubuntu0~16.04.3) ...
Selecting previously unselected package libpython-stdlib:amd64.
Preparing to unpack .../libpython-stdlib_2.7.12-1~16.04_amd64.deb ...
Unpacking libpython-stdlib:amd64 (2.7.12-1~16.04) ...
```

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Processing triggers for man-db (2.7.5-1) ...
Processing triggers for libc-bin (2.23-0ubuntu10) ...
Processing triggers for libglib2.0-0:amd64 (2.48.2-0ubuntu1) ...
Processing triggers for systemd (229-4ubuntu21.2) ...
Processing triggers for ureadahead (0.100.0-19) ...
Processing triggers for mime-support (3.59ubuntu1) ...
Setting up libpython2.7-minimal:amd64 (2.7.12-1ubuntu0~16.04.3) ...
Setting up python2.7-minimal (2.7.12-1ubuntu0~16.04.3) ...
Linking and byte-compiling packages for runtime python2.7...
Setting up python-minimal (2.7.12-1~16.04) ...
Selecting previously unselected package python.
(Reading database ... 68227 files and directories currently installed.)
Preparing to unpack .../python_2.7.12-1~16.04_amd64.deb ...
Unpacking python (2.7.12-1~16.04) ...
Selecting previously unselected package libmpc3:amd64.
Preparing to unpack .../libmpc3_1.0.3-1_amd64.deb ...
Unpacking libmpc3:amd64 (1.0.3-1) ...
Selecting previously unselected package libtxc-dxtn-s2tc0:amd64.
Preparing to unpack .../libtxc-dxtn-s2tc0_0~git20131104-1.1_amd64.deb ...
Unpacking libtxc-dxtn-s2tc0:amd64 (0~git20131104-1.1) ...
Selecting previously unselected package pigz.
Preparing to unpack .../pigz_2.3.1-2_amd64.deb ...
Unpacking pigz (2.3.1-2) ...
Selecting previously unselected package libisl15:amd64.
Preparing to unpack .../libisl15_0.16.1-1_amd64.deb ...
Unpacking libisl15:amd64 (0.16.1-1) ...
Selecting previously unselected package cpp-5.
Preparing to unpack .../cpp-5_5.4.0-6ubuntu1~16.04.9_amd64.deb ...
Unpacking cpp-5 (5.4.0-6ubuntu1~16.04.9) ...
Selecting previously unselected package cpp.
Preparing to unpack .../cpp_4%3a5.3.1-1ubuntu1_amd64.deb ...
Unpacking cpp (4:5.3.1-1ubuntu1) ...
Selecting previously unselected package libcc1-0:amd64.
Preparing to unpack .../libcc1-0_5.4.0-6ubuntu1~16.04.9_amd64.deb ...
Unpacking libcc1-0:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Selecting previously unselected package binutils.
Preparing to unpack .../binutils_2.26.1-1ubuntu1~16.04.6_amd64.deb ...
Unpacking binutils (2.26.1-1ubuntu1~16.04.6) ...
Selecting previously unselected package libgomp1:amd64.
Preparing to unpack .../libgomp1_5.4.0-6ubuntu1~16.04.9_amd64.deb ...
Unpacking libgomp1:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Selecting previously unselected package libitm1:amd64.
Preparing to unpack .../libitm1_5.4.0-6ubuntu1~16.04.9_amd64.deb ...
Unpacking libitm1:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Selecting previously unselected package libatomic1:amd64.
Preparing to unpack .../libatomic1_5.4.0-6ubuntu1~16.04.9_amd64.deb ...
Unpacking libatomic1:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Selecting previously unselected package libasan2:amd64.
Preparing to unpack .../libasan2_5.4.0-6ubuntu1~16.04.9_amd64.deb ...
Unpacking libasan2:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Selecting previously unselected package liblsan0:amd64.
Preparing to unpack .../liblsan0_5.4.0-6ubuntu1~16.04.9_amd64.deb ...
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Unpacking liblsan0:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Selecting previously unselected package libtsan0:amd64.
Preparing to unpack .../libtsan0_5.4.0-6ubuntu1~16.04.9_amd64.deb ...
Unpacking libtsan0:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Selecting previously unselected package libubsan0:amd64.
Preparing to unpack .../libubsan0_5.4.0-6ubuntu1~16.04.9_amd64.deb ...
Unpacking libubsan0:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Selecting previously unselected package libcilkrts5:amd64.
Preparing to unpack .../libcilkrts5_5.4.0-6ubuntu1~16.04.9_amd64.deb ...
Unpacking libcilkrts5:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Selecting previously unselected package libmpx0:amd64.
Preparing to unpack .../libmpx0_5.4.0-6ubuntu1~16.04.9_amd64.deb ...
Unpacking libmpx0:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Selecting previously unselected package libquadmath0:amd64.
Preparing to unpack .../libquadmath0_5.4.0-6ubuntu1~16.04.9_amd64.deb ...
Unpacking libquadmath0:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Selecting previously unselected package libgcc-5-dev:amd64.
Preparing to unpack .../libgcc-5-dev_5.4.0-6ubuntu1~16.04.9_amd64.deb ...
Unpacking libgcc-5-dev:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Selecting previously unselected package gcc-5.
Preparing to unpack .../gcc-5_5.4.0-6ubuntu1~16.04.9_amd64.deb ...
Unpacking gcc-5 (5.4.0-6ubuntu1~16.04.9) ...
Selecting previously unselected package gcc.
Preparing to unpack .../gcc_4%3a5.3.1-1ubuntu1_amd64.deb ...
Unpacking gcc (4:5.3.1-1ubuntu1) ...
Selecting previously unselected package make.
Preparing to unpack .../archives/make_4.1-6_amd64.deb ...
Unpacking make (4.1-6) ...
Selecting previously unselected package libc-dev-bin.
Preparing to unpack .../libc-dev-bin_2.23-0ubuntu10_amd64.deb ...
Unpacking libc-dev-bin (2.23-0ubuntu10) ...
Selecting previously unselected package linux-libc-dev:amd64.
Preparing to unpack .../linux-libc-dev_4.4.0-127.153_amd64.deb ...
Unpacking linux-libc-dev:amd64 (4.4.0-127.153) ...
Selecting previously unselected package libc6-dev:amd64.
Preparing to unpack .../libc6-dev_2.23-0ubuntu10_amd64.deb ...
Unpacking libc6-dev:amd64 (2.23-0ubuntu10) ...
Selecting previously unselected package libstdc++-5-dev:amd64.
Preparing to unpack .../libstdc++-5-dev_5.4.0-6ubuntu1~16.04.9_amd64.deb ...
Unpacking libstdc++-5-dev:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Selecting previously unselected package g++-5.
Preparing to unpack .../g++-5_5.4.0-6ubuntu1~16.04.9_amd64.deb ...
Unpacking g++-5 (5.4.0-6ubuntu1~16.04.9) ...
Selecting previously unselected package g++.
Preparing to unpack .../g++_4%3a5.3.1-1ubuntu1_amd64.deb ...
Unpacking g++ (4:5.3.1-1ubuntu1) ...
Selecting previously unselected package libdpkg-perl.
Preparing to unpack .../libdpkg-perl_1.18.4ubuntu1.4_all.deb ...
Unpacking libdpkg-perl (1.18.4ubuntu1.4) ...
Selecting previously unselected package dpkg-dev.
Preparing to unpack .../dpkg-dev_1.18.4ubuntu1.4_all.deb ...
Unpacking dpkg-dev (1.18.4ubuntu1.4) ...
```

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Selecting previously unselected package build-essential.
Preparing to unpack .../build-essential_12.1ubuntu2_amd64.deb ...
Unpacking build-essential (12.1ubuntu2) ...
Selecting previously unselected package dkms.
Preparing to unpack .../dkms_2.2.0.3-2ubuntu11.5_all.deb ...
Unpacking dkms (2.2.0.3-2ubuntu11.5) ...
Selecting previously unselected package spl-dkms.
Preparing to unpack .../spl-dkms_0.6.5.6-0ubuntu4_amd64.deb ...
Unpacking spl-dkms (0.6.5.6-0ubuntu4) ...
Selecting previously unselected package zfs-doc.
Preparing to unpack .../zfs-doc_0.6.5.6-0ubuntu21_all.deb ...
Unpacking zfs-doc (0.6.5.6-0ubuntu21) ...
Processing triggers for man-db (2.7.5-1) ...
Processing triggers for libc-bin (2.23-0ubuntu10) ...
Setting up libisl15:amd64 (0.16.1-1) ...
Setting up libmpc3:amd64 (1.0.3-1) ...
Setting up cpp-5 (5.4.0-6ubuntu1~16.04.9) ...
Setting up cpp (4:5.3.1-1ubuntu1) ...
Setting up libcc1-0:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Setting up binutils (2.26.1-1ubuntu1~16.04.6) ...
Setting up libgomp1:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Setting up libitm1:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Setting up libatomic1:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Setting up libasan2:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Setting up liblsan0:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Setting up libtsan0:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Setting up libubsan0:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Setting up libcilkrts5:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Setting up libmpx0:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Setting up libquadmath0:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Setting up libgcc-5-dev:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Setting up gcc-5 (5.4.0-6ubuntu1~16.04.9) ...
Setting up gcc (4:5.3.1-1ubuntu1) ...
Setting up make (4.1-6) ...
Setting up dkms (2.2.0.3-2ubuntu11.5) ...
Setting up libc-dev-bin (2.23-0ubuntu10) ...
Setting up linux-libc-dev:amd64 (4.4.0-127.153) ...
Setting up libc6-dev:amd64 (2.23-0ubuntu10) ...
Setting up spl-dkms (0.6.5.6-0ubuntu4) ...
Loading new spl-0.6.5.6 DKMS files...
First Installation: checking all kernels...
Building only for 4.4.0-1060-aws
Building initial module for 4.4.0-1060-aws
Done.

spl:
Running module version sanity check.

Good news! Module version 0.6.5.6-0ubuntu4 for spl.ko
exactly matches what is already found in kernel 4.4.0-1060-aws.
DKMS will not replace this module.
You may override by specifying --force.
```

```
splat.ko:
Running module version sanity check.

Good news! Module version 0.6.5.6-0ubuntu4 for splat.ko
exactly matches what is already found in kernel 4.4.0-1060-aws.
DKMS will not replace this module.
You may override by specifying --force.

Running the post_install script:

depmod....

DKMS: install completed.
Processing triggers for libc-bin (2.23-0ubuntu10) ...
Selecting previously unselected package zfs-dkms.
(Reading database ... 71661 files and directories currently installed.)
Preparing to unpack .../zfs-dkms_0.6.5.6-0ubuntu21_amd64.deb ...
Unpacking zfs-dkms (0.6.5.6-0ubuntu21) ...
Selecting previously unselected package at-spi2-core.
Preparing to unpack .../at-spi2-core_2.18.3-4ubuntu1_amd64.deb ...
Unpacking at-spi2-core (2.18.3-4ubuntu1) ...
Selecting previously unselected package m4.
Preparing to unpack .../archives/m4_1.4.17-5_amd64.deb ...
Unpacking m4 (1.4.17-5) ...
Selecting previously unselected package autoconf.
Preparing to unpack .../autoconf_2.69-9_all.deb ...
Unpacking autoconf (2.69-9) ...
Selecting previously unselected package autotools-dev.
Preparing to unpack .../autotools-dev_20150820.1_all.deb ...
Unpacking autotools-dev (20150820.1) ...
Selecting previously unselected package automake.
Preparing to unpack .../automake_1%3a1.15-4ubuntu1_all.deb ...
Unpacking automake (1:1.15-4ubuntu1) ...
Selecting previously unselected package python-twisted-bin.
Preparing to unpack .../python-twisted-bin_16.0.0-1ubuntu0.2_amd64.deb ...
Unpacking python-twisted-bin (16.0.0-1ubuntu0.2) ...
Selecting previously unselected package python-pkg-resources.
Preparing to unpack .../python-pkg-resources_20.7.0-1_all.deb ...
Unpacking python-pkg-resources (20.7.0-1) ...
Selecting previously unselected package python-zope.interface.
Preparing to unpack .../python-zope.interface_4.1.3-1build1_amd64.deb ...
Unpacking python-zope.interface (4.1.3-1build1) ...
Selecting previously unselected package python-cffi-backend.
Preparing to unpack .../python-cffi-backend_1.5.2-1ubuntu1_amd64.deb ...
Unpacking python-cffi-backend (1.5.2-1ubuntu1) ...
Selecting previously unselected package python-enum34.
Preparing to unpack .../python-enum34_1.1.2-1_all.deb ...
Unpacking python-enum34 (1.1.2-1) ...
Selecting previously unselected package python-idna.
Preparing to unpack .../python-idna_2.0-3_all.deb ...
Unpacking python-idna (2.0-3) ...
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Selecting previously unselected package python-ipaddress.
Preparing to unpack .../python-ipaddress_1.0.16-1_all.deb ...
Unpacking python-ipaddress (1.0.16-1) ...
Selecting previously unselected package python-pyasn1.
Preparing to unpack .../python-pyasn1_0.1.9-1_all.deb ...
Unpacking python-pyasn1 (0.1.9-1) ...
Selecting previously unselected package python-six.
Preparing to unpack .../python-six_1.10.0-3_all.deb ...
Unpacking python-six (1.10.0-3) ...
Selecting previously unselected package python-cryptography.
Preparing to unpack .../python-cryptography_1.2.3-1ubuntu0.1_amd64.deb ...
Unpacking python-cryptography (1.2.3-1ubuntu0.1) ...
Selecting previously unselected package python-openssl.
Preparing to unpack .../python-openssl_0.15.1-2build1_all.deb ...
Unpacking python-openssl (0.15.1-2build1) ...
Selecting previously unselected package python-attr.
Preparing to unpack .../python-attr_15.2.0-1_all.deb ...
Unpacking python-attr (15.2.0-1) ...
Selecting previously unselected package python-pyasn1-modules.
Preparing to unpack .../python-pyasn1-modules_0.0.7-0.1_all.deb ...
Unpacking python-pyasn1-modules (0.0.7-0.1) ...
Selecting previously unselected package python-service-identity.
Preparing to unpack .../python-service-identity_16.0.0-2_all.deb ...
Unpacking python-service-identity (16.0.0-2) ...
Selecting previously unselected package python-twisted-core.
Preparing to unpack .../python-twisted-core_16.0.0-1ubuntu0.2_all.deb ...
Unpacking python-twisted-core (16.0.0-1ubuntu0.2) ...
Selecting previously unselected package python-twisted.
Preparing to unpack .../python-twisted_16.0.0-1ubuntu0.2_all.deb ...
Unpacking python-twisted (16.0.0-1ubuntu0.2) ...
Selecting previously unselected package python-dateutil.
Preparing to unpack .../python-dateutil_2.4.2-1_all.deb ...
Unpacking python-dateutil (2.4.2-1) ...
Selecting previously unselected package python-txaws.
Preparing to unpack .../python-txaws_0.2.3-1ubuntu1_all.deb ...
Unpacking python-txaws (0.2.3-1ubuntu1) ...
Selecting previously unselected package python-cairo.
Preparing to unpack .../python-cairo_1.8.8-2_amd64.deb ...
Unpacking python-cairo (1.8.8-2) ...
Selecting previously unselected package python-gobject-2.
Preparing to unpack .../python-gobject-2_2.28.6-12ubuntu1_amd64.deb ...
Unpacking python-gobject-2 (2.28.6-12ubuntu1) ...
Selecting previously unselected package python-gtk2.
Preparing to unpack .../python-gtk2_2.24.0-4ubuntu1_amd64.deb ...
Unpacking python-gtk2 (2.24.0-4ubuntu1) ...
Selecting previously unselected package python-gi.
Preparing to unpack .../python-gi_3.20.0-0ubuntu1_amd64.deb ...
Unpacking python-gi (3.20.0-0ubuntu1) ...
Selecting previously unselected package python-gobject.
Preparing to unpack .../python-gobject_3.20.0-0ubuntu1_all.deb ...
Unpacking python-gobject (3.20.0-0ubuntu1) ...
Selecting previously unselected package python-gnomekeyring.
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Preparing to unpack .../python-gnomekeyring_2.32.0+dfsg-3_amd64.deb ...
Unpacking python-gnomekeyring (2.32.0+dfsg-3) ...
Selecting previously unselected package python-appindicator.
Preparing to unpack .../python-appindicator_12.10.1+16.04.20170215-0ubuntu1_amd6
4.deb ...
Unpacking python-appindicator (12.10.1+16.04.20170215-0ubuntu1) ...
Selecting previously unselected package aws-status.
Preparing to unpack .../aws-status_0.2.3-1ubuntu1_all.deb ...
Unpacking aws-status (0.2.3-1ubuntu1) ...
Selecting previously unselected package python3-dateutil.
Preparing to unpack .../python3-dateutil_2.4.2-1_all.deb ...
Unpacking python3-dateutil (2.4.2-1) ...
Selecting previously unselected package python3-roman.
Preparing to unpack .../python3-roman_2.0.0-2_all.deb ...
Unpacking python3-roman (2.0.0-2) ...
Selecting previously unselected package docutils-common.
Preparing to unpack .../docutils-common_0.12+dfsg-1_all.deb ...
Unpacking docutils-common (0.12+dfsg-1) ...
Selecting previously unselected package python3-docutils.
Preparing to unpack .../python3-docutils_0.12+dfsg-1_all.deb ...
Unpacking python3-docutils (0.12+dfsg-1) ...
Selecting previously unselected package python3-jmespath.
Preparing to unpack .../python3-jmespath_0.9.0-2_all.deb ...
Unpacking python3-jmespath (0.9.0-2) ...
Selecting previously unselected package python3-botocore.
Preparing to unpack .../python3-botocore_1.4.70-1~16.04.0_all.deb ...
Unpacking python3-botocore (1.4.70-1~16.04.0) ...
Selecting previously unselected package python3-colorama.
Preparing to unpack .../python3-colorama_0.3.7-1_all.deb ...
Unpacking python3-colorama (0.3.7-1) ...
Selecting previously unselected package python3-rsa.
Preparing to unpack .../python3-rsa_3.2.3-1.1_all.deb ...
Unpacking python3-rsa (3.2.3-1.1) ...
Selecting previously unselected package python3-s3transfer.
Preparing to unpack .../python3-s3transfer_0.1.9-1~16.04.0_all.deb ...
Unpacking python3-s3transfer (0.1.9-1~16.04.0) ...
Selecting previously unselected package awscli.
Preparing to unpack .../awscli_1.11.13-1ubuntu1~16.04.0_all.deb ...
Unpacking awscli (1.11.13-1ubuntu1~16.04.0) ...
Selecting previously unselected package bc.
Preparing to unpack .../bc_1.06.95-9build1_amd64.deb ...
Unpacking bc (1.06.95-9build1) ...
Selecting previously unselected package java-common.
Preparing to unpack .../java-common_0.56ubuntu2_all.deb ...
Unpacking java-common (0.56ubuntu2) ...
Selecting previously unselected package libnspr4:amd64.
Preparing to unpack .../libnspr4_2%3a4.13.1-0ubuntu0.16.04.1_amd64.deb ...
Unpacking libnspr4:amd64 (2:4.13.1-0ubuntu0.16.04.1) ...
Selecting previously unselected package libnss3-nssdb.
Preparing to unpack .../libnss3-nssdb_2%3a3.28.4-0ubuntu0.16.04.3_all.deb ...
Unpacking libnss3-nssdb (2:3.28.4-0ubuntu0.16.04.3) ...
Selecting previously unselected package libnss3:amd64.
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Preparing to unpack .../libnss3_2%3a3.28.4-0ubuntu0.16.04.3_amd64.deb ...
Unpacking libnss3:amd64 (2:3.28.4-0ubuntu0.16.04.3) ...
Selecting previously unselected package libpcsclite1:amd64.
Preparing to unpack .../libpcsclite1_1.8.14-1ubuntu1.16.04.1_amd64.deb ...
Unpacking libpcsclite1:amd64 (1.8.14-1ubuntu1.16.04.1) ...
Selecting previously unselected package openjdk-8-jre-headless:amd64.
Preparing to unpack .../openjdk-8-jre-headless_8u171-b11-0ubuntu0.16.04.1_amd64.
deb ...
Unpacking openjdk-8-jre-headless:amd64 (8u171-b11-0ubuntu0.16.04.1) ...
Selecting previously unselected package default-jre-headless.
Preparing to unpack .../default-jre-headless_2%3a1.8-56ubuntu2_amd64.deb ...
Unpacking default-jre-headless (2:1.8-56ubuntu2) ...
Selecting previously unselected package ca-certificates-java.
Preparing to unpack .../ca-certificates-java_20160321ubuntu1_all.deb ...
Unpacking ca-certificates-java (20160321ubuntu1) ...
Selecting previously unselected package libgusb2:amd64.
Preparing to unpack .../libgusb2_0.2.9-0ubuntu1_amd64.deb ...
Unpacking libgusb2:amd64 (0.2.9-0ubuntu1) ...
Selecting previously unselected package libcolorhug2:amd64.
Preparing to unpack .../libcolorhug2_1.2.12-1ubuntu1_amd64.deb ...
Unpacking libcolorhug2:amd64 (1.2.12-1ubuntu1) ...
Selecting previously unselected package libgudev-1.0-0:amd64.
Preparing to unpack .../libgudev-1.0-0_1%3a230-2_amd64.deb ...
Unpacking libgudev-1.0-0:amd64 (1:230-2) ...
Selecting previously unselected package libvpx3:amd64.
Preparing to unpack .../libvpx3_1.5.0-2ubuntu1_amd64.deb ...
Unpacking libvpx3:amd64 (1.5.0-2ubuntu1) ...
Selecting previously unselected package libxpm4:amd64.
Preparing to unpack .../libxpm4_1%3a3.5.11-1ubuntu0.16.04.1_amd64.deb ...
Unpacking libxpm4:amd64 (1:3.5.11-1ubuntu0.16.04.1) ...
Selecting previously unselected package libgd3:amd64.
Preparing to unpack .../libgd3_2.1.1-4ubuntu0.16.04.8_amd64.deb ...
Unpacking libgd3:amd64 (2.1.1-4ubuntu0.16.04.8) ...
Selecting previously unselected package libltdl7:amd64.
Preparing to unpack .../libltdl7_2.4.6-0.1_amd64.deb ...
Unpacking libltdl7:amd64 (2.4.6-0.1) ...
Selecting previously unselected package libgphoto2-port12:amd64.
Preparing to unpack .../libgphoto2-port12_2.5.9-3_amd64.deb ...
Unpacking libgphoto2-port12:amd64 (2.5.9-3) ...
Selecting previously unselected package libgphoto2-6:amd64.
Preparing to unpack .../libgphoto2-6_2.5.9-3_amd64.deb ...
Unpacking libgphoto2-6:amd64 (2.5.9-3) ...
Selecting previously unselected package libsane:amd64.
Preparing to unpack .../libsane_1.0.25+git20150528-1ubuntu2.16.04.1_amd64.deb ..
.
Unpacking libsane:amd64 (1.0.25+git20150528-1ubuntu2.16.04.1) ...
Selecting previously unselected package colord-data.
Preparing to unpack .../colord-data_1.2.12-1ubuntu1_all.deb ...
Unpacking colord-data (1.2.12-1ubuntu1) ...
Selecting previously unselected package colord.
Preparing to unpack .../colord_1.2.12-1ubuntu1_amd64.deb ...
Unpacking colord (1.2.12-1ubuntu1) ...
```

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Selecting previously unselected package e2fsck-static.
Preparing to unpack .../e2fsck-static_1.42.13-1ubuntu1_amd64.deb ...
Unpacking e2fsck-static (1.42.13-1ubuntu1) ...
Selecting previously unselected package libfakeroot:amd64.
Preparing to unpack .../libfakeroot_1.20.2-1ubuntu1_amd64.deb ...
Unpacking libfakeroot:amd64 (1.20.2-1ubuntu1) ...
Selecting previously unselected package fakeroot.
Preparing to unpack .../fakeroot_1.20.2-1ubuntu1_amd64.deb ...
Unpacking fakeroot (1.20.2-1ubuntu1) ...
Selecting previously unselected package htop.
Preparing to unpack .../htop_2.0.1-1ubuntu1_amd64.deb ...
Unpacking htop (2.0.1-1ubuntu1) ...
Selecting previously unselected package indicator-application.
Preparing to unpack .../indicator-application_12.10.1+16.04.20170120-0ubuntu1_am
d64.deb ...
Unpacking indicator-application (12.10.1+16.04.20170120-0ubuntu1) ...
Selecting previously unselected package javascript-common.
Preparing to unpack .../javascript-common_11_all.deb ...
Unpacking javascript-common (11) ...
Selecting previously unselected package jfsutils.
Preparing to unpack .../jfsutils_1.1.15-2.1_amd64.deb ...
Unpacking jfsutils (1.1.15-2.1) ...
Selecting previously unselected package libalgorithm-diff-perl.
Preparing to unpack .../libalgorithm-diff-perl_1.19.03-1_all.deb ...
Unpacking libalgorithm-diff-perl (1.19.03-1) ...
Selecting previously unselected package libalgorithm-diff-xs-perl.
Preparing to unpack .../libalgorithm-diff-xs-perl_0.04-4build1_amd64.deb ...
Unpacking libalgorithm-diff-xs-perl (0.04-4build1) ...
Selecting previously unselected package libalgorithm-merge-perl.
Preparing to unpack .../libalgorithm-merge-perl_0.08-3_all.deb ...
Unpacking libalgorithm-merge-perl (0.08-3) ...
Selecting previously unselected package libexpat1-dev:amd64.
Preparing to unpack .../libexpat1-dev_2.1.0-7ubuntu0.16.04.3_amd64.deb ...
Unpacking libexpat1-dev:amd64 (2.1.0-7ubuntu0.16.04.3) ...
Selecting previously unselected package libfile-fcntllock-perl.
Preparing to unpack .../libfile-fcntllock-perl_0.22-3_amd64.deb ...
Unpacking libfile-fcntllock-perl (0.22-3) ...
Selecting previously unselected package libgphoto2-l10n.
Preparing to unpack .../libgphoto2-l10n_2.5.9-3_all.deb ...
Unpacking libgphoto2-l10n (2.5.9-3) ...
Selecting previously unselected package libgtk2.0-bin.
Preparing to unpack .../libgtk2.0-bin_2.24.30-1ubuntu1.16.04.2_amd64.deb ...
Unpacking libgtk2.0-bin (2.24.30-1ubuntu1.16.04.2) ...
Selecting previously unselected package libjs-jquery.
Preparing to unpack .../libjs-jquery_1.11.3+dfsg-4_all.deb ...
Unpacking libjs-jquery (1.11.3+dfsg-4) ...
Selecting previously unselected package libltdl-dev:amd64.
Preparing to unpack .../libltdl-dev_2.4.6-0.1_amd64.deb ...
Unpacking libltdl-dev:amd64 (2.4.6-0.1) ...
Selecting previously unselected package libpaper1:amd64.
Preparing to unpack .../libpaper1_1.1.24+nmu4ubuntu1_amd64.deb ...
Unpacking libpaper1:amd64 (1.1.24+nmu4ubuntu1) ...
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Selecting previously unselected package libpaper-utils.
Preparing to unpack .../libpaper-utils_1.1.24+nmu4ubuntu1_amd64.deb ...
Unpacking libpaper-utils (1.1.24+nmu4ubuntu1) ...
Selecting previously unselected package libpython2.7:amd64.
Preparing to unpack .../libpython2.7_2.7.12-1ubuntu0~16.04.3_amd64.deb ...
Unpacking libpython2.7:amd64 (2.7.12-1ubuntu0~16.04.3) ...
Selecting previously unselected package libpython2.7-dev:amd64.
Preparing to unpack .../libpython2.7-dev_2.7.12-1ubuntu0~16.04.3_amd64.deb ...
Unpacking libpython2.7-dev:amd64 (2.7.12-1ubuntu0~16.04.3) ...
Selecting previously unselected package libpython-dev:amd64.
Preparing to unpack .../libpython-dev_2.7.12-1~16.04_amd64.deb ...
Unpacking libpython-dev:amd64 (2.7.12-1~16.04) ...
Selecting previously unselected package libpython-all-dev:amd64.
Preparing to unpack .../libpython-all-dev_2.7.12-1~16.04_amd64.deb ...
Unpacking libpython-all-dev:amd64 (2.7.12-1~16.04) ...
Selecting previously unselected package libpython3.5-dev:amd64.
Preparing to unpack .../libpython3.5-dev_3.5.2-2ubuntu0~16.04.4_amd64.deb ...
Unpacking libpython3.5-dev:amd64 (3.5.2-2ubuntu0~16.04.4) ...
Selecting previously unselected package libpython3-dev:amd64.
Preparing to unpack .../libpython3-dev_3.5.1-3_amd64.deb ...
Unpacking libpython3-dev:amd64 (3.5.1-3) ...
Selecting previously unselected package libtool.
Preparing to unpack .../libtool_2.4.6-0.1_all.deb ...
Unpacking libtool (2.4.6-0.1) ...
Selecting previously unselected package manpages-dev.
Preparing to unpack .../manpages-dev_4.04-2_all.deb ...
Unpacking manpages-dev (4.04-2) ...
Selecting previously unselected package p7zip.
Preparing to unpack .../p7zip_9.20.1~dfsg.1-4.2_amd64.deb ...
Unpacking p7zip (9.20.1~dfsg.1-4.2) ...
Selecting previously unselected package p7zip-full.
Preparing to unpack .../p7zip-full_9.20.1~dfsg.1-4.2_amd64.deb ...
Unpacking p7zip-full (9.20.1~dfsg.1-4.2) ...
Selecting previously unselected package p7zip-rar.
Preparing to unpack .../p7zip-rar_9.20.1~ds.1-4_amd64.deb ...
Unpacking p7zip-rar (9.20.1~ds.1-4) ...
Selecting previously unselected package pbzip2.
Preparing to unpack .../pbzip2_1.1.9-1_amd64.deb ...
Unpacking pbzip2 (1.1.9-1) ...
Selecting previously unselected package pixz.
Preparing to unpack .../pixz_1.0.6-2_amd64.deb ...
Unpacking pixz (1.0.6-2) ...
Selecting previously unselected package python-all.
Preparing to unpack .../python-all_2.7.12-1~16.04_amd64.deb ...
Unpacking python-all (2.7.12-1~16.04) ...
Selecting previously unselected package python2.7-dev.
Preparing to unpack .../python2.7-dev_2.7.12-1ubuntu0~16.04.3_amd64.deb ...
Unpacking python2.7-dev (2.7.12-1ubuntu0~16.04.3) ...
Selecting previously unselected package python-dev.
Preparing to unpack .../python-dev_2.7.12-1~16.04_amd64.deb ...
Unpacking python-dev (2.7.12-1~16.04) ...
Selecting previously unselected package python-all-dev.
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Preparing to unpack .../python-all-dev_2.7.12-1~16.04_amd64.deb ...
Unpacking python-all-dev (2.7.12-1~16.04) ...
Selecting previously unselected package python-pam.
Preparing to unpack .../python-pam_0.4.2-13.2ubuntu2_amd64.deb ...
Unpacking python-pam (0.4.2-13.2ubuntu2) ...
Selecting previously unselected package python-pip-whl.
Preparing to unpack .../python-pip-whl_8.1.1-2ubuntu0.4_all.deb ...
Unpacking python-pip-whl (8.1.1-2ubuntu0.4) ...
Selecting previously unselected package python-pip.
Preparing to unpack .../python-pip_8.1.1-2ubuntu0.4_all.deb ...
Unpacking python-pip (8.1.1-2ubuntu0.4) ...
Selecting previously unselected package python-serial.
Preparing to unpack .../python-serial_3.0.1-1_all.deb ...
Unpacking python-serial (3.0.1-1) ...
Selecting previously unselected package python-setuptools.
Preparing to unpack .../python-setuptools_20.7.0-1_all.deb ...
Unpacking python-setuptools (20.7.0-1) ...
Selecting previously unselected package python-wheel.
Preparing to unpack .../python-wheel_0.29.0-1_all.deb ...
Unpacking python-wheel (0.29.0-1) ...
Selecting previously unselected package python3.5-dev.
Preparing to unpack .../python3.5-dev_3.5.2-2ubuntu0~16.04.4_amd64.deb ...
Unpacking python3.5-dev (3.5.2-2ubuntu0~16.04.4) ...
Selecting previously unselected package python3-dev.
Preparing to unpack .../python3-dev_3.5.1-3_amd64.deb ...
Unpacking python3-dev (3.5.1-3) ...
Selecting previously unselected package libwebp5:amd64.
Preparing to unpack .../libwebp5_0.4.4-1_amd64.deb ...
Unpacking libwebp5:amd64 (0.4.4-1) ...
Selecting previously unselected package libwebpmux1:amd64.
Preparing to unpack .../libwebpmux1_0.4.4-1_amd64.deb ...
Unpacking libwebpmux1:amd64 (0.4.4-1) ...
Selecting previously unselected package python3-pil:amd64.
Preparing to unpack .../python3-pil_3.1.2-0ubuntu1.1_amd64.deb ...
Unpacking python3-pil:amd64 (3.1.2-0ubuntu1.1) ...
Selecting previously unselected package python3-pip.
Preparing to unpack .../python3-pip_8.1.1-2ubuntu0.4_all.deb ...
Unpacking python3-pip (8.1.1-2ubuntu0.4) ...
Selecting previously unselected package python3-pygments.
Preparing to unpack .../python3-pygments_2.1+dfsg-1_all.deb ...
Unpacking python3-pygments (2.1+dfsg-1) ...
Selecting previously unselected package python3-setuptools.
Preparing to unpack .../python3-setuptools_20.7.0-1_all.deb ...
Unpacking python3-setuptools (20.7.0-1) ...
Selecting previously unselected package python3-wheel.
Preparing to unpack .../python3-wheel_0.29.0-1_all.deb ...
Unpacking python3-wheel (0.29.0-1) ...
Selecting previously unselected package rubygems-integration.
Preparing to unpack .../rubygems-integration_1.10_all.deb ...
Unpacking rubygems-integration (1.10) ...
Selecting previously unselected package ruby-did-you-mean.
Preparing to unpack .../ruby-did-you-mean_1.0.0-2_all.deb ...
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Unpacking ruby-did-you-mean (1.0.0-2) ...
Selecting previously unselected package ruby-minitest.
Preparing to unpack .../ruby-minitest_5.8.4-2_all.deb ...
Unpacking ruby-minitest (5.8.4-2) ...
Selecting previously unselected package ruby-net-telnet.
Preparing to unpack .../ruby-net-telnet_0.1.1-2_all.deb ...
Unpacking ruby-net-telnet (0.1.1-2) ...
Selecting previously unselected package ruby-power-assert.
Preparing to unpack .../ruby-power-assert_0.2.7-1_all.deb ...
Unpacking ruby-power-assert (0.2.7-1) ...
Selecting previously unselected package ruby-test-unit.
Preparing to unpack .../ruby-test-unit_3.1.7-2_all.deb ...
Unpacking ruby-test-unit (3.1.7-2) ...
Selecting previously unselected package libruby2.3:amd64.
Preparing to unpack .../libruby2.3_2.3.1-2~16.04.9_amd64.deb ...
Unpacking libruby2.3:amd64 (2.3.1-2~16.04.9) ...
Selecting previously unselected package ruby2.3.
Preparing to unpack .../ruby2.3_2.3.1-2~16.04.9_amd64.deb ...
Unpacking ruby2.3 (2.3.1-2~16.04.9) ...
Selecting previously unselected package ruby.
Preparing to unpack .../ruby_1%3a2.3.0+1_all.deb ...
Unpacking ruby (1:2.3.0+1) ...
Selecting previously unselected package rake.
Preparing to unpack .../archives/rake_10.5.0-2_all.deb ...
Unpacking rake (10.5.0-2) ...
Selecting previously unselected package sysstat.
Preparing to unpack .../sysstat_11.2.0-1ubuntu0.2_amd64.deb ...
Unpacking sysstat (11.2.0-1ubuntu0.2) ...
Selecting previously unselected package unzip.
Preparing to unpack .../unzip_6.0-20ubuntu1_amd64.deb ...
Unpacking unzip (6.0-20ubuntu1) ...
Selecting previously unselected package xfsdump.
Preparing to unpack .../xfsdump_3.1.6+nmu1_amd64.deb ...
Unpacking xfsdump (3.1.6+nmu1) ...
Selecting previously unselected package zip.
Preparing to unpack .../archives/zip_3.0-11_amd64.deb ...
Unpacking zip (3.0-11) ...
Selecting previously unselected package comerr-dev.
Preparing to unpack .../comerr-dev_2.1-1.42.13-1ubuntu1_amd64.deb ...
Unpacking comerr-dev (2.1-1.42.13-1ubuntu1) ...
Selecting previously unselected package e2fslibs-dbg.
Preparing to unpack .../e2fslibs-dbg_1.42.13-1ubuntu1_amd64.deb ...
Unpacking e2fslibs-dbg (1.42.13-1ubuntu1) ...
Selecting previously unselected package e2fslibs-dev.
Preparing to unpack .../e2fslibs-dev_1.42.13-1ubuntu1_amd64.deb ...
Unpacking e2fslibs-dev (1.42.13-1ubuntu1) ...
Selecting previously unselected package e2fsprogs-dbg.
Preparing to unpack .../e2fsprogs-dbg_1.42.13-1ubuntu1_amd64.deb ...
Unpacking e2fsprogs-dbg (1.42.13-1ubuntu1) ...
Selecting previously unselected package ec2-ami-tools.
Preparing to unpack .../ec2-ami-tools_1.4.0.9-0ubuntu2_all.deb ...
Unpacking ec2-ami-tools (1.4.0.9-0ubuntu2) ...
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Selecting previously unselected package ec2-api-tools.
Preparing to unpack .../ec2-api-tools_1.6.14.1-0ubuntu1_all.deb ...
Unpacking ec2-api-tools (1.6.14.1-0ubuntu1) ...
Selecting previously unselected package ec2-init.
Preparing to unpack .../ec2-init_18.2-4-g05926e48-0ubuntu1~16.04.2_all.deb ...
Unpacking ec2-init (18.2-4-g05926e48-0ubuntu1~16.04.2) ...
Selecting previously unselected package libuutil1linux.
Preparing to unpack .../libuutil1linux_0.6.5.6-0ubuntu21_amd64.deb ...
Unpacking libuutil1linux (0.6.5.6-0ubuntu21) ...
Selecting previously unselected package libnvpair1linux.
Preparing to unpack .../libnvpair1linux_0.6.5.6-0ubuntu21_amd64.deb ...
Unpacking libnvpair1linux (0.6.5.6-0ubuntu21) ...
Selecting previously unselected package libzpool2linux.
Preparing to unpack .../libzpool2linux_0.6.5.6-0ubuntu21_amd64.deb ...
Unpacking libzpool2linux (0.6.5.6-0ubuntu21) ...
Selecting previously unselected package libzfs2linux.
Preparing to unpack .../libzfs2linux_0.6.5.6-0ubuntu21_amd64.deb ...
Unpacking libzfs2linux (0.6.5.6-0ubuntu21) ...
Selecting previously unselected package spl.
Preparing to unpack .../spl_0.6.5.6-0ubuntu4_amd64.deb ...
Unpacking spl (0.6.5.6-0ubuntu4) ...
Selecting previously unselected package uuid-dev:amd64.
Preparing to unpack .../uuid-dev_2.27.1-6ubuntu3.4_amd64.deb ...
Unpacking uuid-dev:amd64 (2.27.1-6ubuntu3.4) ...
Selecting previously unselected package xfslibs-dev.
Preparing to unpack .../xfslibs-dev_4.3.0+nmu1ubuntu1.1_amd64.deb ...
Unpacking xfslibs-dev (4.3.0+nmu1ubuntu1.1) ...
Selecting previously unselected package zfsutils-linux.
Preparing to unpack .../zfsutils-linux_0.6.5.6-0ubuntu21_amd64.deb ...
Unpacking zfsutils-linux (0.6.5.6-0ubuntu21) ...
Selecting previously unselected package zfs-initramfs.
Preparing to unpack .../zfs-initramfs_0.6.5.6-0ubuntu21_all.deb ...
Unpacking zfs-initramfs (0.6.5.6-0ubuntu21) ...
Selecting previously unselected package zfs-zed.
Preparing to unpack .../zfs-zed_0.6.5.6-0ubuntu21_amd64.deb ...
Unpacking zfs-zed (0.6.5.6-0ubuntu21) ...
Selecting previously unselected package zfsnap.
Preparing to unpack .../zfsnap_1.11.1-3_all.deb ...
Unpacking zfsnap (1.11.1-3) ...
Selecting previously unselected package zfsutils-linux-dbg.
Preparing to unpack .../zfsutils-linux-dbg_0.6.5.6-0ubuntu21_amd64.deb ...
Unpacking zfsutils-linux-dbg (0.6.5.6-0ubuntu21) ...
Processing triggers for install-info (6.1.0.dfsg.1-5) ...
Processing triggers for man-db (2.7.5-1) ...
Processing triggers for libc-bin (2.23-0ubuntu10) ...
Processing triggers for mime-support (3.59ubuntu1) ...
Processing triggers for shared-mime-info (1.5-2ubuntu0.1) ...
Processing triggers for sgml-base (1.26+nmu4ubuntu1) ...
Processing triggers for ca-certificates (20170717~16.04.1) ...
Updating certificates in /etc/ssl/certs...
0 added, 0 removed; done.
Running hooks in /etc/ca-certificates/update.d...
```

```
done.
Processing triggers for udev (229-4ubuntu21.2) ...
Processing triggers for dbus (1.10.6-1ubuntu3.3) ...
Processing triggers for libglib2.0-0:amd64 (2.48.2-0ubuntu1) ...
Processing triggers for systemd (229-4ubuntu21.2) ...
Processing triggers for ureadahead (0.100.0-19) ...
Processing triggers for initramfs-tools (0.122ubuntu8.11) ...
update-initramfs: Generating /boot/initrd.img-4.4.0-1060-aws
W: mdadm: /etc/mdadm/mdadm.conf defines no arrays.
Setting up cmake-data (3.5.1-1ubuntu3) ...
Setting up libarchive13:amd64 (3.1.2-11ubuntu0.16.04.3) ...
Setting up libcurl3:amd64 (7.47.0-1ubuntu2.8) ...
Setting up libjsoncpp1:amd64 (1.7.2-1) ...
Setting up cmake (3.5.1-1ubuntu3) ...
Setting up fonts-dejavu-core (2.35-1) ...
Setting up fontconfig-config (2.11.94-0ubuntu1.1) ...
Setting up libfontconfig1:amd64 (2.11.94-0ubuntu1.1) ...
Setting up fontconfig (2.11.94-0ubuntu1.1) ...
Regenerating fonts cache... done.
Setting up fonts-lato (2.0-1) ...
Setting up libdbusmenu-glib4:amd64 (16.04.1+16.04.20160927-0ubuntu1) ...
Setting up libatk1.0-data (2.18.0-1) ...
Setting up libatk1.0-0:amd64 (2.18.0-1) ...
Setting up libjpeg-turbo8:amd64 (1.4.2-0ubuntu3) ...
Setting up libjpeg8:amd64 (8c-2ubuntu8) ...
Setting up libjbig0:amd64 (2.1-3.1) ...
Setting up libtiff5:amd64 (4.0.6-1ubuntu0.4) ...
Setting up libgdk-pixbuf2.0-common (2.32.2-1ubuntu1.4) ...
Setting up libgdk-pixbuf2.0-0:amd64 (2.32.2-1ubuntu1.4) ...
Setting up libthai-data (0.1.24-2) ...
Setting up libdatrie1:amd64 (0.2.10-2) ...
Setting up libthai0:amd64 (0.1.24-2) ...
Setting up libpango-1.0-0:amd64 (1.38.1-1) ...
Setting up libdbusmenu-gtk4:amd64 (16.04.1+16.04.20160927-0ubuntu1) ...
Setting up libgtk2.0-common (2.24.30-1ubuntu1.16.04.2) ...
Setting up libpixman-1-0:amd64 (0.33.6-1) ...
Setting up libxcb-render0:amd64 (1.11.1-1ubuntu1) ...
Setting up libxcb-shm0:amd64 (1.11.1-1ubuntu1) ...
Setting up libxrender1:amd64 (1:0.9.9-0ubuntu1) ...
Setting up libcairo2:amd64 (1.14.6-1) ...
Setting up libavahi-common-data:amd64 (0.6.32~rc+dfsg-1ubuntu2.2) ...
Setting up libavahi-common3:amd64 (0.6.32~rc+dfsg-1ubuntu2.2) ...
Setting up libavahi-client3:amd64 (0.6.32~rc+dfsg-1ubuntu2.2) ...
Setting up libcups2:amd64 (2.1.3-4ubuntu0.4) ...
Setting up libgraphite2-3:amd64 (1.3.10-0ubuntu0.16.04.1) ...
Setting up libharfbuzz0b:amd64 (1.0.1-1ubuntu0.1) ...
Setting up libpangoft2-1.0-0:amd64 (1.38.1-1) ...
Setting up libpangocairo-1.0-0:amd64 (1.38.1-1) ...
Setting up libxcomposite1:amd64 (1:0.4.4-1) ...
Setting up libxfixes3:amd64 (1:5.0.1-2) ...
Setting up libxcursor1:amd64 (1:1.1.14-1ubuntu0.16.04.1) ...
Setting up libxdamage1:amd64 (1:1.1.4-2) ...
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Setting up libxi6:amd64 (2:1.7.6-1) ...
Setting up libxinerama1:amd64 (2:1.1.3-1) ...
Setting up libxrandr2:amd64 (2:1.5.0-1) ...
Setting up libgtk2.0-0:amd64 (2.24.30-1ubuntu1.16.04.2) ...
Setting up libindicator7 (12.10.2+16.04.20151208-0ubuntu1) ...
Setting up libappindicator1 (12.10.1+16.04.20170215-0ubuntu1) ...
Setting up libdbusmenu-gtk3-4:amd64 (16.04.1+16.04.20160927-0ubuntu1) ...
Setting up libdconf1:amd64 (0.24.0-2) ...
Setting up dconf-service (0.24.0-2) ...
Setting up dconf-gsettings-backend:amd64 (0.24.0-2) ...
Setting up hicolor-icon-theme (0.15-0ubuntu1) ...
Setting up libcroco3:amd64 (0.6.11-1) ...
Setting up librsvg2-2:amd64 (2.40.13-3) ...
Setting up librsvg2-common:amd64 (2.40.13-3) ...
Setting up libatspi2.0-0:amd64 (2.18.3-4ubuntu1) ...
Setting up libatk-bridge2.0-0:amd64 (2.18.1-2ubuntu1) ...
Setting up libcairo-gobject2:amd64 (1.14.6-1) ...
Setting up liblcms2-2:amd64 (2.6-3ubuntu2) ...
Setting up libcolord2:amd64 (1.2.12-1ubuntu1) ...
Setting up libepoxy0:amd64 (1.3.1-1ubuntu0.16.04.2) ...
Setting up libjson-glib-1.0-common (1.1.2-0ubuntu1) ...
Setting up libjson-glib-1.0-0:amd64 (1.1.2-0ubuntu1) ...
Setting up libboost-system1.58.0:amd64 (1.58.0+dfsg-5ubuntu3.1) ...
Setting up libcapnp-0.5.3:amd64 (0.5.3-2ubuntu1) ...
Setting up libboost-filesystem1.58.0:amd64 (1.58.0+dfsg-5ubuntu3.1) ...
Setting up libmircore1:amd64 (0.26.3+16.04.20170605-0ubuntu1.1) ...
Setting up libmircommon7:amd64 (0.26.3+16.04.20170605-0ubuntu1.1) ...
Setting up libprotobuf-lite9v5:amd64 (2.6.1-1.3) ...
Setting up libmirprotobuf3:amd64 (0.26.3+16.04.20170605-0ubuntu1.1) ...
Setting up libxkbcommon0:amd64 (0.5.0-1ubuntu2) ...
Setting up libmirclient9:amd64 (0.26.3+16.04.20170605-0ubuntu1.1) ...
Setting up libproxy1v5:amd64 (0.4.11-5ubuntu1) ...
Setting up glib-networking-common (2.48.2-1~ubuntu16.04.1) ...
Setting up glib-networking-services (2.48.2-1~ubuntu16.04.1) ...
Setting up gsettings-desktop-schemas (3.18.1-1ubuntu1) ...
Setting up glib-networking:amd64 (2.48.2-1~ubuntu16.04.1) ...
Setting up libsoup2.4-1:amd64 (2.52.2-1ubuntu0.2) ...
Setting up libsoup-gnome2.4-1:amd64 (2.52.2-1ubuntu0.2) ...
Setting up librest-0.7-0:amd64 (0.7.93-1) ...
Setting up libwayland-client0:amd64 (1.12.0-1~ubuntu16.04.3) ...
Setting up libwayland-cursor0:amd64 (1.12.0-1~ubuntu16.04.3) ...
Setting up libwayland-server0:amd64 (1.12.0-1~ubuntu16.04.3) ...
Setting up libgbm1:amd64 (17.2.8-0ubuntu0~16.04.1) ...
Setting up libx11-xcb1:amd64 (2:1.6.3-1ubuntu2) ...
Setting up libxcb-dri2-0:amd64 (1.11.1-1ubuntu1) ...
Setting up libxcb-dri3-0:amd64 (1.11.1-1ubuntu1) ...
Setting up libxcb-present0:amd64 (1.11.1-1ubuntu1) ...
Setting up libxcb-sync1:amd64 (1.11.1-1ubuntu1) ...
Setting up libxcb-xfixes0:amd64 (1.11.1-1ubuntu1) ...
Setting up libxshmfence1:amd64 (1.2-1) ...
Setting up libdrm-amdgpu1:amd64 (2.4.83-1~16.04.1) ...
Setting up libpciaccess0:amd64 (0.13.4-1) ...
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Setting up libdrm-intel1:amd64 (2.4.83-1~16.04.1) ...
Setting up libdrm-nouveau2:amd64 (2.4.83-1~16.04.1) ...
Setting up libdrm-radeon1:amd64 (2.4.83-1~16.04.1) ...
Setting up libglapi-mesa:amd64 (17.2.8-0ubuntu0~16.04.1) ...
Setting up libllvm5.0:amd64 (1:5.0-3~16.04.1) ...
Setting up libsensors4:amd64 (1:3.4.0-2) ...
Setting up libgl1-mesa-dri:amd64 (17.2.8-0ubuntu0~16.04.1) ...
Setting up libegl1-mesa:amd64 (17.2.8-0ubuntu0~16.04.1) ...
update-alternatives: using /usr/lib/x86_64-linux-gnu/mesa-egl/ld.so.conf to prov
ide /etc/ld.so.conf.d/x86_64-linux-gnu_EGL.conf (x86_64-linux-gnu_egl_conf) in a
uto mode
Setting up libwayland-egl1-mesa:amd64 (17.2.8-0ubuntu0~16.04.1) ...
Setting up libexif12:amd64 (0.6.21-2) ...
Setting up libgnome-keyring-common (3.12.0-1build1) ...
Setting up libgnome-keyring0:amd64 (3.12.0-1build1) ...
Setting up libieee1284-3:amd64 (0.2.11-12) ...
Setting up libsane-common (1.0.25+git20150528-1ubuntu2.16.04.1) ...
Setting up x11-common (1:7.7+13ubuntu3) ...
update-rc.d: warning: start and stop actions are no longer supported; falling ba
ck to defaults
Setting up libxtst6:amd64 (2:1.2.2-1) ...
Setting up libpython2.7-stdlib:amd64 (2.7.12-1ubuntu0~16.04.3) ...
Setting up python2.7 (2.7.12-1ubuntu0~16.04.3) ...
Setting up libpython-stdlib:amd64 (2.7.12-1~16.04) ...
Setting up python (2.7.12-1~16.04) ...
Setting up libtxc-dxtn-s2tc0:amd64 (0~git20131104-1.1) ...
update-alternatives: using /usr/lib/x86_64-linux-gnu/libtxc_dxtn_s2tc.so.0 to pr
ovide /usr/lib/x86_64-linux-gnu/libtxc_dxtn.so (libtxc-dxtn-x86_64-linux-gnu) in
 auto mode
Setting up pigz (2.3.1-2) ...
Setting up libstdc++-5-dev:amd64 (5.4.0-6ubuntu1~16.04.9) ...
Setting up g++-5 (5.4.0-6ubuntu1~16.04.9) ...
Setting up g++ (4:5.3.1-1ubuntu1) ...
update-alternatives: using /usr/bin/g++ to provide /usr/bin/c++ (c++) in auto mo
de
Setting up libdpkg-perl (1.18.4ubuntu1.4) ...
Setting up dpkg-dev (1.18.4ubuntu1.4) ...
Setting up build-essential (12.1ubuntu2) ...
Setting up zfs-doc (0.6.5.6-0ubuntu21) ...
Setting up zfs-dkms (0.6.5.6-0ubuntu21) ...
Loading new zfs-0.6.5.6 DKMS files...
First Installation: checking all kernels...
Building only for 4.4.0-1060-aws
Building initial module for 4.4.0-1060-aws
Done.

zavl:
Running module version sanity check.

Good news! Module version 0.6.5.6-0ubuntu21 for zavl.ko
exactly matches what is already found in kernel 4.4.0-1060-aws.
DKMS will not replace this module.
```

You may override by specifying --force.

zcommon.ko:
Running module version sanity check.

Good news! Module version 0.6.5.6-0ubuntu21 for zcommon.ko
exactly matches what is already found in kernel 4.4.0-1060-aws.
DKMS will not replace this module.
You may override by specifying --force.

znvpair.ko:
Running module version sanity check.

Good news! Module version 0.6.5.6-0ubuntu21 for znvpair.ko
exactly matches what is already found in kernel 4.4.0-1060-aws.
DKMS will not replace this module.
You may override by specifying --force.

zpios.ko:
Running module version sanity check.

Good news! Module version 0.6.5.6-0ubuntu21 for zpios.ko
exactly matches what is already found in kernel 4.4.0-1060-aws.
DKMS will not replace this module.
You may override by specifying --force.

zunicode.ko:
Running module version sanity check.

Good news! Module version 0.6.5.6-0ubuntu21 for zunicode.ko
exactly matches what is already found in kernel 4.4.0-1060-aws.
DKMS will not replace this module.
You may override by specifying --force.

zfs.ko:
Running module version sanity check.

Good news! Module version 0.6.5.6-0ubuntu21 for zfs.ko
exactly matches what is already found in kernel 4.4.0-1060-aws.
DKMS will not replace this module.
You may override by specifying --force.

depmod....

Backing up initrd.img-4.4.0-1060-aws to /boot/initrd.img-4.4.0-1060-aws.old-dkms
Making new initrd.img-4.4.0-1060-aws
(If next boot fails, revert to initrd.img-4.4.0-1060-aws.old-dkms image)
update-initramfs....

DKMS: install completed.
Setting up at-spi2-core (2.18.3-4ubuntu1) ...
Setting up m4 (1.4.17-5) ...

```
Setting up autoconf (2.69-9) ...
Setting up autotools-dev (20150820.1) ...
Setting up automake (1:1.15-4ubuntu1) ...
update-alternatives: using /usr/bin/automake-1.15 to provide /usr/bin/automake (
automake) in auto mode
Setting up python-twisted-bin (16.0.0-1ubuntu0.2) ...
Setting up python-pkg-resources (20.7.0-1) ...
Setting up python-zope.interface (4.1.3-1build1) ...
Setting up python-cffi-backend (1.5.2-1ubuntu1) ...
Setting up python-enum34 (1.1.2-1) ...
Setting up python-idna (2.0-3) ...
Setting up python-ipaddress (1.0.16-1) ...
Setting up python-pyasn1 (0.1.9-1) ...
Setting up python-six (1.10.0-3) ...
Setting up python-cryptography (1.2.3-1ubuntu0.1) ...
Setting up python-openssl (0.15.1-2build1) ...
Setting up python-attr (15.2.0-1) ...
Setting up python-pyasn1-modules (0.0.7-0.1) ...
Setting up python-service-identity (16.0.0-2) ...
Setting up python-twisted-core (16.0.0-1ubuntu0.2) ...
Setting up python-twisted (16.0.0-1ubuntu0.2) ...
Setting up python-dateutil (2.4.2-1) ...
Setting up python-txaws (0.2.3-1ubuntu1) ...
Setting up python-cairo (1.8.8-2) ...
Setting up python-gobject-2 (2.28.6-12ubuntu1) ...
Setting up python-gtk2 (2.24.0-4ubuntu1) ...
Setting up python-gi (3.20.0-0ubuntu1) ...
Setting up python-gobject (3.20.0-0ubuntu1) ...
Setting up python-gnomekeyring (2.32.0+dfsg-3) ...
Setting up python-appindicator (12.10.1+16.04.20170215-0ubuntu1) ...
Setting up aws-status (0.2.3-1ubuntu1) ...
Setting up python3-dateutil (2.4.2-1) ...
Setting up python3-roman (2.0.0-2) ...
Setting up docutils-common (0.12+dfsg-1) ...
Setting up python3-jmespath (0.9.0-2) ...
Setting up python3-colorama (0.3.7-1) ...
Setting up python3-rsa (3.2.3-1.1) ...
Setting up bc (1.06.95-9build1) ...
Setting up java-common (0.56ubuntu2) ...
Setting up libnspr4:amd64 (2:4.13.1-0ubuntu0.16.04.1) ...
Setting up libpcsclite1:amd64 (1.8.14-1ubuntu1.16.04.1) ...
Setting up libgusb2:amd64 (0.2.9-0ubuntu1) ...
Setting up libcolorhug2:amd64 (1.2.12-1ubuntu1) ...
Setting up libgudev-1.0-0:amd64 (1:230-2) ...
Setting up libvpx3:amd64 (1.5.0-2ubuntu1) ...
Setting up libxpm4:amd64 (1:3.5.11-1ubuntu0.16.04.1) ...
Setting up libgd3:amd64 (2.1.1-4ubuntu0.16.04.8) ...
Setting up libltdl7:amd64 (2.4.6-0.1) ...
Setting up libgphoto2-port12:amd64 (2.5.9-3) ...
Setting up libgphoto2-6:amd64 (2.5.9-3) ...
Setting up libsane:amd64 (1.0.25+git20150528-1ubuntu2.16.04.1) ...
Adding scanner group...
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Setting up colord-data (1.2.12-1ubuntu1) ...
Setting up colord (1.2.12-1ubuntu1) ...
colord.service is a disabled or a static unit, not starting it.
Setting up e2fsck-static (1.42.13-1ubuntu1) ...
Setting up libfakeroot:amd64 (1.20.2-1ubuntu1) ...
Setting up fakeroot (1.20.2-1ubuntu1) ...
update-alternatives: using /usr/bin/fakeroot-sysv to provide /usr/bin/fakeroot (
fakeroot) in auto mode
Setting up htop (2.0.1-1ubuntu1) ...
Setting up javascript-common (11) ...
Setting up jfsutils (1.1.15-2.1) ...
Setting up libalgorithm-diff-perl (1.19.03-1) ...
Setting up libalgorithm-diff-xs-perl (0.04-4build1) ...
Setting up libalgorithm-merge-perl (0.08-3) ...
Setting up libexpat1-dev:amd64 (2.1.0-7ubuntu0.16.04.3) ...
Setting up libfile-fcntllock-perl (0.22-3) ...
Setting up libgphoto2-l10n (2.5.9-3) ...
Setting up libgtk2.0-bin (2.24.30-1ubuntu1.16.04.2) ...
Setting up libjs-jquery (1.11.3+dfsg-4) ...
Setting up libltdl-dev:amd64 (2.4.6-0.1) ...
Setting up libpaper1:amd64 (1.1.24+nmu4ubuntu1) ...

Creating config file /etc/papersize with new version
Setting up libpaper-utils (1.1.24+nmu4ubuntu1) ...
Setting up libpython2.7:amd64 (2.7.12-1ubuntu0~16.04.3) ...
Setting up libpython2.7-dev:amd64 (2.7.12-1ubuntu0~16.04.3) ...
Setting up libpython-dev:amd64 (2.7.12-1~16.04) ...
Setting up libpython-all-dev:amd64 (2.7.12-1~16.04) ...
Setting up libpython3.5-dev:amd64 (3.5.2-2ubuntu0~16.04.4) ...
Setting up libpython3-dev:amd64 (3.5.1-3) ...
Setting up libtool (2.4.6-0.1) ...
Setting up manpages-dev (4.04-2) ...
Setting up p7zip (9.20.1~dfsg.1-4.2) ...
Setting up p7zip-full (9.20.1~dfsg.1-4.2) ...
Setting up p7zip-rar (9.20.1~ds.1-4) ...
Setting up pbzip2 (1.1.9-1) ...
Setting up pixz (1.0.6-2) ...
Setting up python-all (2.7.12-1~16.04) ...
Setting up python2.7-dev (2.7.12-1ubuntu0~16.04.3) ...
Setting up python-dev (2.7.12-1~16.04) ...
Setting up python-all-dev (2.7.12-1~16.04) ...
Setting up python-pam (0.4.2-13.2ubuntu2) ...
Setting up python-pip-whl (8.1.1-2ubuntu0.4) ...
Setting up python-pip (8.1.1-2ubuntu0.4) ...
Setting up python-serial (3.0.1-1) ...
Setting up python-setuptools (20.7.0-1) ...
Setting up python-wheel (0.29.0-1) ...
Setting up python3.5-dev (3.5.2-2ubuntu0~16.04.4) ...
Setting up python3-dev (3.5.1-3) ...
Setting up libwebp5:amd64 (0.4.4-1) ...
Setting up libwebpmux1:amd64 (0.4.4-1) ...
Setting up python3-pil:amd64 (3.1.2-0ubuntu1.1) ...
```

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Setting up python3-pip (8.1.1-2ubuntu0.4) ...
Setting up python3-pygments (2.1+dfsg-1) ...
Setting up python3-setuptools (20.7.0-1) ...
Setting up python3-wheel (0.29.0-1) ...
Setting up rubygems-integration (1.10) ...
Setting up ruby-did-you-mean (1.0.0-2) ...
Setting up ruby-minitest (5.8.4-2) ...
Setting up ruby-net-telnet (0.1.1-2) ...
Setting up ruby-power-assert (0.2.7-1) ...
Setting up ruby-test-unit (3.1.7-2) ...
Setting up sysstat (11.2.0-1ubuntu0.2) ...

Creating config file /etc/default/sysstat with new version
update-alternatives: using /usr/bin/sar.sysstat to provide /usr/bin/sar (sar) in
 auto mode
Setting up unzip (6.0-20ubuntu1) ...
Setting up xfsdump (3.1.6+nmu1) ...
Setting up zip (3.0-11) ...
Setting up comerr-dev (2.1-1.42.13-1ubuntu1) ...
Setting up e2fslibs-dbg (1.42.13-1ubuntu1) ...
Setting up e2fslibs-dev (1.42.13-1ubuntu1) ...
Setting up e2fsprogs-dbg (1.42.13-1ubuntu1) ...
Setting up ec2-init (18.2-4-g05926e48-0ubuntu1~16.04.2) ...
Setting up libuutil1linux (0.6.5.6-0ubuntu21) ...
Setting up libnvpair1linux (0.6.5.6-0ubuntu21) ...
Setting up libzpool2linux (0.6.5.6-0ubuntu21) ...
Setting up libzfs2linux (0.6.5.6-0ubuntu21) ...
Setting up spl (0.6.5.6-0ubuntu4) ...
Setting up uuid-dev:amd64 (2.27.1-6ubuntu3.4) ...
Setting up xfslibs-dev (4.3.0+nmu1ubuntu1.1) ...
Setting up zfsutils-linux (0.6.5.6-0ubuntu21) ...
zfs-import-cache.service is a disabled or a static unit, not starting it.
zfs-import-scan.service is a disabled or a static unit, not starting it.
zfs-mount.service is a disabled or a static unit, not starting it.
Processing triggers for sgml-base (1.26+nmu4ubuntu1) ...
Setting up python3-docutils (0.12+dfsg-1) ...
update-alternatives: using /usr/share/docutils/scripts/python3/rst-buildhtml to
provide /usr/bin/rst-buildhtml (rst-buildhtml) in auto mode
update-alternatives: using /usr/share/docutils/scripts/python3/rst2html to provi
de /usr/bin/rst2html (rst2html) in auto mode
update-alternatives: using /usr/share/docutils/scripts/python3/rst2latex to prov
ide /usr/bin/rst2latex (rst2latex) in auto mode
update-alternatives: using /usr/share/docutils/scripts/python3/rst2man to provid
e /usr/bin/rst2man (rst2man) in auto mode
update-alternatives: using /usr/share/docutils/scripts/python3/rst2odt to provid
e /usr/bin/rst2odt (rst2odt) in auto mode
update-alternatives: using /usr/share/docutils/scripts/python3/rst2odt_prepstyle
s to provide /usr/bin/rst2odt_prepstyles (rst2odt_prepstyles) in auto mode
update-alternatives: using /usr/share/docutils/scripts/python3/rst2pseudoxml to
provide /usr/bin/rst2pseudoxml (rst2pseudoxml) in auto mode
update-alternatives: using /usr/share/docutils/scripts/python3/rst2s5 to provide
 /usr/bin/rst2s5 (rst2s5) in auto mode
```

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update-alternatives: using /usr/share/docutils/scripts/python3/rst2xetex to prov
ide /usr/bin/rst2xetex (rst2xetex) in auto mode
update-alternatives: using /usr/share/docutils/scripts/python3/rst2xml to provid
e /usr/bin/rst2xml (rst2xml) in auto mode
update-alternatives: using /usr/share/docutils/scripts/python3/rstpep2html to pr
ovide /usr/bin/rstpep2html (rstpep2html) in auto mode
Setting up python3-botocore (1.4.70-1~16.04.0) ...
Setting up python3-s3transfer (0.1.9-1~16.04.0) ...
Setting up awscli (1.11.13-1ubuntu1~16.04.0) ...
Processing triggers for initramfs-tools (0.122ubuntu8.11) ...
update-initramfs: Generating /boot/initrd.img-4.4.0-1060-aws
W: mdadm: /etc/mdadm/mdadm.conf defines no arrays.
Setting up zfs-initramfs (0.6.5.6-0ubuntu21) ...
Setting up zfs-zed (0.6.5.6-0ubuntu21) ...
zed.service is a disabled or a static unit, not starting it.
Setting up zfsnap (1.11.1-3) ...
Setting up zfsutils-linux-dbg (0.6.5.6-0ubuntu21) ...
Processing triggers for initramfs-tools (0.122ubuntu8.11) ...
update-initramfs: Generating /boot/initrd.img-4.4.0-1060-aws
W: mdadm: /etc/mdadm/mdadm.conf defines no arrays.
Setting up libnss3-nssdb (2:3.28.4-0ubuntu0.16.04.3) ...
Setting up libnss3:amd64 (2:3.28.4-0ubuntu0.16.04.3) ...
Setting up ca-certificates-java (20160321ubuntu1) ...
Adding debian:AddTrust_Low-Value_Services_Root.pem
Adding debian:Starfield_Services_Root_Certificate_Authority_-_G2.pem
Adding debian:Amazon_Root_CA_3.pem
Adding debian:QuoVadis_Root_CA_2.pem
Adding debian:QuoVadis_Root_CA_2_G3.pem
Adding debian:USERTrust_ECC_Certification_Authority.pem
Adding debian:thawte_Primary_Root_CA_-_G3.pem
Adding debian:COMODO_RSA_Certification_Authority.pem
Adding debian:TWCA_Global_Root_CA.pem
Adding debian:TeliaSonera_Root_CA_v1.pem
Adding debian:COMODO_Certification_Authority.pem
Adding debian:Baltimore_CyberTrust_Root.pem
Adding debian:OISTE_WISeKey_Global_Root_GA_CA.pem
Adding debian:VeriSign_Class_3_Public_Primary_Certification_Authority_-_G4.pem
Adding debian:Camerfirma_Global_Chambersign_Root.pem
Adding debian:Certigna.pem
Adding debian:ACEDICOM_Root.pem
Adding debian:Amazon_Root_CA_1.pem
Adding debian:Deutsche_Telekom_Root_CA_2.pem
Adding debian:Certplus_Root_CA_G1.pem
Adding debian:Global_Chambersign_Root_-_2008.pem
Adding debian:GeoTrust_Global_CA_2.pem
Adding debian:Entrust.net_Premium_2048_Secure_Server_CA.pem
Adding debian:GeoTrust_Primary_Certification_Authority_-_G3.pem
Adding debian:DigiCert_Trusted_Root_G4.pem
Adding debian:certSIGN_ROOT_CA.pem
Adding debian:COMODO_ECC_Certification_Authority.pem
Adding debian:SZAFIR_ROOT_CA2.pem
Adding debian:GlobalSign_Root_CA_-_R3.pem
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Adding debian:DigiCert_Global_Root_G2.pem
Adding debian:Staat_der_Nederlanden_Root_CA_-_G3.pem
Adding debian:AddTrust_External_Root.pem
Adding debian:OpenTrust_Root_CA_G1.pem
Adding debian:Comodo_Trusted_Services_root.pem
Adding debian:Entrust_Root_Certification_Authority_-_EC1.pem
Adding debian:Microsec_e-Szigno_Root_CA_2009.pem
Adding debian:T-TeleSec_GlobalRoot_Class_2.pem
Adding debian:T-TeleSec_GlobalRoot_Class_3.pem
Adding debian:Swisscom_Root_CA_1.pem
Adding debian:IdenTrust_Commercial_Root_CA_1.pem
Adding debian:SwissSign_Silver_CA_-_G2.pem
Adding debian:VeriSign_Universal_Root_Certification_Authority.pem
Adding debian:Amazon_Root_CA_2.pem
Adding debian:ePKI_Root_Certification_Authority.pem
Adding debian:IdenTrust_Public_Sector_Root_CA_1.pem
Adding debian:QuoVadis_Root_CA_3_G3.pem
Adding debian:EE_Certification_Centre_Root_CA.pem
Adding debian:Hellenic_Academic_and_Research_Institutions_ECC_RootCA_2015.pem
Adding debian:Network_Solutions_Certificate_Authority.pem
Adding debian:GeoTrust_Primary_Certification_Authority_-_G2.pem
Adding debian:VeriSign_Class_3_Public_Primary_Certification_Authority_-_G5.pem
Adding debian:Visa_eCommerce_Root.pem
Adding debian:AddTrust_Public_Services_Root.pem
Adding debian:Camerfirma_Chambers_of_Commerce_Root.pem
Adding debian:SecureSign_RootCA11.pem
Adding debian:Swisscom_Root_CA_2.pem
Adding debian:Certum_Trusted_Network_CA.pem
Adding debian:QuoVadis_Root_CA.pem
Adding debian:OpenTrust_Root_CA_G3.pem
Adding debian:TUBITAK_Kamu_SM_SSL_Kok_Sertifikasi_-_Surum_1.pem
Adding debian:GeoTrust_Universal_CA_2.pem
Adding debian:AC_RAIZ_FNMT-RCM.pem
Adding debian:Swisscom_Root_EV_CA_2.pem
Adding debian:TÜRKTRUST_Elektronik_Sertifika_Hizmet_Sağlayıcısı_H5.pem
Adding debian:GeoTrust_Primary_Certification_Authority.pem
Adding debian:Secure_Global_CA.pem
Adding debian:DigiCert_Assured_ID_Root_G2.pem
Adding debian:Chambers_of_Commerce_Root_-_2008.pem
Adding debian:XRamp_Global_CA_Root.pem
Adding debian:USERTrust_RSA_Certification_Authority.pem
Adding debian:AffirmTrust_Premium_ECC.pem
Adding debian:Comodo_Secure_Services_root.pem
Adding debian:DigiCert_High_Assurance_EV_Root_CA.pem
Adding debian:GeoTrust_Universal_CA.pem
Adding debian:AffirmTrust_Commercial.pem
Adding debian:GeoTrust_Global_CA.pem
Adding debian:AddTrust_Qualified_Certificates_Root.pem
Adding debian:QuoVadis_Root_CA_1_G3.pem
Adding debian:thawte_Primary_Root_CA.pem
Adding debian:ACCVRAIZ1.pem
Adding debian:Amazon_Root_CA_4.pem
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Adding debian:OpenTrust_Root_CA_G2.pem
Adding debian:Entrust_Root_Certification_Authority.pem
Adding debian:SwissSign_Gold_CA_-_G2.pem
Adding debian:GlobalSign_ECC_Root_CA_-_R5.pem
Adding debian:Go_Daddy_Root_Certificate_Authority_-_G2.pem
Adding debian:DigiCert_Global_Root_CA.pem
Adding debian:ISRG_Root_X1.pem
Adding debian:NetLock_Arany_=Class_Gold=_Főtanúsítvány.pem
Adding debian:DigiCert_Global_Root_G3.pem
Adding debian:thawte_Primary_Root_CA_-_G2.pem
Adding debian:CFCA_EV_ROOT.pem
Adding debian:GlobalSign_ECC_Root_CA_-_R4.pem
Adding debian:Hellenic_Academic_and_Research_Institutions_RootCA_2011.pem
Adding debian:GlobalSign_Root_CA.pem
Adding debian:Buypass_Class_2_Root_CA.pem
Adding debian:D-TRUST_Root_Class_3_CA_2_2009.pem
Adding debian:D-TRUST_Root_Class_3_CA_2_EV_2009.pem
Adding debian:Certplus_Root_CA_G2.pem
Adding debian:Buypass_Class_3_Root_CA.pem
Adding debian:Izenpe.com.pem
Adding debian:Starfield_Class_2_CA.pem
Adding debian:TURKTRUST_Certificate_Services_Provider_Root_2007.pem
Adding debian:Starfield_Root_Certificate_Authority_-_G2.pem
Adding debian:Comodo_AAA_Services_root.pem
Adding debian:Certum_Trusted_Network_CA_2.pem
Adding debian:Staat_der_Nederlanden_Root_CA_-_G2.pem
Adding debian:GlobalSign_Root_CA_-_R2.pem
Adding debian:DigiCert_Assured_ID_Root_CA.pem
Adding debian:AffirmTrust_Networking.pem
Adding debian:Certum_Root_CA.pem
Adding debian:Certinomis_-_Autorité_Racine.pem
Adding debian:DigiCert_Assured_ID_Root_G3.pem
Adding debian:Security_Communication_RootCA2.pem
Adding debian:SecureTrust_CA.pem
Adding debian:China_Internet_Network_Information_Center_EV_Certificates_Root.pem
Adding debian:Actalis_Authentication_Root_CA.pem
Adding debian:DST_ACES_CA_X6.pem
Adding debian:Security_Communication_Root_CA.pem
Adding debian:Autoridad_de_Certificacion_Firmaprofesional_CIF_A62634068.pem
Adding debian:AffirmTrust_Premium.pem
Adding debian:Taiwan_GRCA.pem
Adding debian:Security_Communication_EV_RootCA1.pem
Adding debian:TWCA_Root_Certification_Authority.pem
Adding debian:Certinomis_-_Root_CA.pem
Adding debian:EC-ACC.pem
Adding debian:Hongkong_Post_Root_CA_1.pem
Adding debian:Go_Daddy_Class_2_CA.pem
Adding debian:Atos_TrustedRoot_2011.pem
Adding debian:Hellenic_Academic_and_Research_Institutions_RootCA_2015.pem
Adding debian:CA_Disig_Root_R2.pem
Adding debian:Verisign_Class_3_Public_Primary_Certification_Authority_-_G3.pem
Adding debian:CA_Disig_Root_R1.pem
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Adding debian:UTN_USERFirst_Hardware_Root_CA.pem
Adding debian:Entrust_Root_Certification_Authority_-_G2.pem
Adding debian:TÜBİTAK_UEKAE_Kök_Sertifika_Hizmet_Sağlayıcısı_-_Sürüm_3.pem
Adding debian:E-Tugra_Certification_Authority.pem
Adding debian:Sonera_Class_2_Root_CA.pem
Adding debian:Cybertrust_Global_Root.pem
Adding debian:DST_Root_CA_X3.pem
Adding debian:CNNIC_ROOT.pem
Adding debian:PSCProcert.pem
Adding debian:LuxTrust_Global_Root_2.pem
Adding debian:Certplus_Class_2_Primary_CA.pem
Adding debian:Trustis_FPS_Root_CA.pem
Adding debian:OISTE_WISeKey_Global_Root_GB_CA.pem
Adding debian:QuoVadis_Root_CA_3.pem
Adding debian:Staat_der_Nederlanden_EV_Root_CA.pem
done.
Setting up openjdk-8-jre-headless:amd64 (8u171-b11-0ubuntu0.16.04.1) ...
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/jre/bin/rmid to pro
vide /usr/bin/rmid (rmid) in auto mode
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/jre/bin/java to pro
vide /usr/bin/java (java) in auto mode
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/jre/bin/keytool to
provide /usr/bin/keytool (keytool) in auto mode
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/jre/bin/jjs to prov
ide /usr/bin/jjs (jjs) in auto mode
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/jre/bin/pack200 to
provide /usr/bin/pack200 (pack200) in auto mode
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/jre/bin/rmiregistry
 to provide /usr/bin/rmiregistry (rmiregistry) in auto mode
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/jre/bin/unpack200 t
o provide /usr/bin/unpack200 (unpack200) in auto mode
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/jre/bin/orbd to pro
vide /usr/bin/orbd (orbd) in auto mode
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/jre/bin/servertool
to provide /usr/bin/servertool (servertool) in auto mode
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/jre/bin/tnameserv t
o provide /usr/bin/tnameserv (tnameserv) in auto mode
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/jre/lib/jexec to pr
ovide /usr/bin/jexec (jexec) in auto mode
Setting up default-jre-headless (2:1.8-56ubuntu2) ...
Setting up rake (10.5.0-2) ...
Setting up libruby2.3:amd64 (2.3.1-2~16.04.9) ...
Setting up ruby2.3 (2.3.1-2~16.04.9) ...
Setting up ec2-api-tools (1.6.14.1-0ubuntu1) ...
Setting up libgtk-3-common (3.18.9-1ubuntu3.3) ...
Setting up libgtk-3-0:amd64 (3.18.9-1ubuntu3.3) ...
Setting up libgtk-3-bin (3.18.9-1ubuntu3.3) ...
Setting up adwaita-icon-theme (3.18.0-2ubuntu3.1) ...
update-alternatives: using /usr/share/icons/Adwaita/cursor.theme to provide /usr
/share/icons/default/index.theme (x-cursor-theme) in auto mode
Setting up humanity-icon-theme (0.6.10.1) ...
Setting up libindicator3-7 (12.10.2+16.04.20151208-0ubuntu1) ...
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Setting up libappindicator3-1 (12.10.1+16.04.20170215-0ubuntu1) ...
Setting up indicator-application (12.10.1+16.04.20170120-0ubuntu1) ...
Setting up ruby (1:2.3.0+1) ...
Setting up ec2-ami-tools (1.4.0.9-0ubuntu2) ...
Setting up ubuntu-mono (14.04+16.04.20180326-0ubuntu1) ...
Processing triggers for libc-bin (2.23-0ubuntu10) ...
Processing triggers for libgdk-pixbuf2.0-0:amd64 (2.32.2-1ubuntu1.4) ...
Processing triggers for systemd (229-4ubuntu21.2) ...
Processing triggers for ureadahead (0.100.0-19) ...
Processing triggers for dbus (1.10.6-1ubuntu3.3) ...
Processing triggers for ca-certificates (20170717~16.04.1) ...
Updating certificates in /etc/ssl/certs...
0 added, 0 removed; done.
Running hooks in /etc/ca-certificates/update.d...

done.
done.
ubuntu@ip-172-31-46-77:~$ lspci | grep -i nvidia
00:1e.0 3D controller: NVIDIA Corporation GK210GL [Tesla K80] (rev a1)
ubuntu@ip-172-31-46-77:~$ sudo apt-get install linux-headers-$(uname -r)
Reading package lists... Done
Building dependency tree
Reading state information... Done
linux-headers-4.4.0-1060-aws is already the newest version (4.4.0-1060.69).
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
ubuntu@ip-172-31-46-77:~$ sudo apt-get autoremove
Reading package lists... Done
Building dependency tree
Reading state information... Done
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
ubuntu@ip-172-31-46-77:~$ sudo apt-get autoclean
Reading package lists... Done
Building dependency tree
Reading state information... Done
ubuntu@ip-172-31-46-77:~$ wget https://developer.nvidia.com/compute/cuda/9.2/Pro
d/local_installers/cuda_9.2.88_396.26_linux
--2018-05-27 23:27:16--  https://developer.nvidia.com/compute/cuda/9.2/Prod/loca
l_installers/cuda_9.2.88_396.26_linux
Resolving developer.nvidia.com (developer.nvidia.com)... 192.229.162.216
Connecting to developer.nvidia.com (developer.nvidia.com)|192.229.162.216|:443..
. connected.
HTTP request sent, awaiting response... 302 Found
Location: https://developer.download.nvidia.com/compute/cuda/9.2/secure/Prod/loc
al_installers/cuda_9.2.88_396.26_linux.run?PTukqvpa2j7H3fWTmWYINR5Vjojrb5BG5IQlg
590CxEQQOboeIFPjL2wQSUcapNn8lXITeDj2XyCs_WVTmrAX6EkYJuRrLQYbPCyhDAJ7vBnKwoU4ghuT
xgpKtbdYKB_wxoMr7D64ciGeLSJXKpJ63FM0JbztYp2J7FuZgaQ7iDTGHWbtjbmQSw [following]
--2018-05-27 23:27:17--  https://developer.download.nvidia.com/compute/cuda/9.2/
secure/Prod/local_installers/cuda_9.2.88_396.26_linux.run?PTukqvpa2j7H3fWTmWYINR
5Vjojrb5BG5IQlg590CxEQQOboeIFPjL2wQSUcapNn8lXITeDj2XyCs_WVTmrAX6EkYJuRrLQYbPCyhD
AJ7vBnKwoU4ghuTxgpKtbdYKB_wxoMr7D64ciGeLSJXKpJ63FM0JbztYp2J7FuZgaQ7iDTGHWbtjbmQS
w
Resolving developer.download.nvidia.com (developer.download.nvidia.com)... 192.2
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