

数字媒体处理 第四次实验 第20小组

TensorFlow 运行环境搭建

- 小组成员

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实验过程

本次实验，我们小组在课程提供的云平台中，完成环境搭建，服务器无法连接公网，且西电 linux 开源社区无 Anaconda 镜像的问题，我们小组通过安装 proxychain 软件，在校内自己的计算机上搭建代理服务器，为云平台中的虚拟机提供网络代理的方式解决。

1. 修改内网 ip 地址，更新软件源

```
## This software is not part of Ubuntu, but is offered by third-party
## developers who want to ship their latest software.
# deb http://extras.ubuntu.com/ubuntu trusty main
# deb-src http://extras.ubuntu.com/ubuntu trusty main

deb http://linux.xidian.edu.cn/mirrors/ubuntu/ trusty main restricted universe multiverse
deb http://linux.xidian.edu.cn/mirrors/ubuntu/ trusty-security main restricted universe multiverse
deb http://linux.xidian.edu.cn/mirrors/ubuntu/ trusty-updates main restricted universe multiverse
-- INSERT --
```

68.54 Bot

```
i-000002F0 [10.168.56.69] media20 - Google Chrome
△ 不安全 | https://10.168.60.10:9876/vnc_auto.html?vmID==i-000002F0==4DC208C9==zh_CN==23676A901D8D5...
* Stopping Send an event to indicate plymouth is up [ OK ]
* Stopping userspace boot splash [ OK ]
* Stopping cold plug devices [ OK ]
* Stopping log initial device creation [ OK ]
* Starting configure network device security [ OK ]
* Starting Mount network filesystems [ OK ]
* Starting Samba Winbind [ OK ]
* Starting configure network device [ OK ]
* Stopping Failsafe Boot Delay [ OK ]
* Starting System V initialisation compatibility [ OK ]
* Stopping Mount network filesystems [ OK ]
* Starting configure virtual network devices [ OK ]
* Starting NetBIOS name server [ OK ]
Skipping profile in /etc/apparmor.d/disable: usr.sbin.rsyslogd
* Starting AppArmor profiles
* Stopping System V initialisation compatibility [ OK ]
* Starting System V runlevel compatibility [ OK ]
* Starting deferred execution scheduler [ OK ]
* Starting regular background program processing daemon [ OK ]
* Starting dovecot - pop3/imap mail server [ OK ]
* Starting save kernel messages [ OK ]
* Starting OpenSSH server [ OK ]
* Stopping save kernel messages [ OK ]
* Starting KVM [ OK ]
* Starting automatic crash report generation [ OK ]
* Starting domain name service... bind9
* No PostgreSQL clusters exist; see "man pg_createcluster"
* Starting ACPI daemon [ OK ]
* Restoring resolver state...
* Starting MySQL Server [ OK ]
* Starting configure network device security [ OK ]
* Starting configure network device [ OK ]
* Starting libvirt daemon [ OK ]
AH00557: apache2: apr_sockaddr_info_get() failed for media20
AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 127.0.
irective globally to suppress this message
*
* Starting Tomcat servlet engine tomcat7
* Stopping System V runlevel compatibility [ OK ]
```

```
ubuntu@media20:~$ ping 114.114.114.114
PING 114.114.114.114 (114.114.114.114) 56(84) bytes of data.
^C
--- 114.114.114.114 ping statistics ---
3 packets transmitted, 0 received, 100% packet loss, time 2014ms

ubuntu@media20:~$ sudo apt-get update
[sudo] password for ubuntu:
Ign http://linux.xidian.edu.cn trusty InRelease
Get:1 http://linux.xidian.edu.cn trusty-security InRelease [65.9 kB]
Get:2 http://linux.xidian.edu.cn trusty-updates InRelease [65.9 kB]
Get:3 http://linux.xidian.edu.cn trusty Release.gpg [933 B]
Get:4 http://linux.xidian.edu.cn trusty-security/main amd64 Packages [830 kB]
Get:5 http://linux.xidian.edu.cn trusty-security/restricted amd64 Packages [14.2 kB]
Get:6 http://linux.xidian.edu.cn trusty-security/universe amd64 Packages [293 kB]
Get:7 http://linux.xidian.edu.cn trusty-security/multiverse amd64 Packages [4806 B]
Get:8 http://linux.xidian.edu.cn trusty-security/main i386 Packages [746 kB]
Get:9 http://linux.xidian.edu.cn trusty-security/restricted i386 Packages [13.9 kB]
Get:10 http://linux.xidian.edu.cn trusty-security/universe i386 Packages [276 kB]
Get:11 http://linux.xidian.edu.cn trusty-security/multiverse i386 Packages [4969 B]
Get:12 http://linux.xidian.edu.cn trusty-security/main Translation-en [446 kB]
Get:13 http://linux.xidian.edu.cn trusty-security/multiverse Translation-en [2564 B]
Get:14 http://linux.xidian.edu.cn trusty-security/restricted Translation-en [3556 B]
Get:15 http://linux.xidian.edu.cn trusty-security/universe Translation-en [161 kB]
Get:16 http://linux.xidian.edu.cn trusty-updates/main amd64 Packages [1172 kB]
Get:17 http://linux.xidian.edu.cn trusty-updates/restricted amd64 Packages [17.2 kB]
Get:18 http://linux.xidian.edu.cn trusty-updates/universe amd64 Packages [524 kB]
Get:19 http://linux.xidian.edu.cn trusty-updates/multiverse amd64 Packages [14.6 kB]
Get:20 http://linux.xidian.edu.cn trusty-updates/main i386 Packages [1087 kB]
Get:21 http://linux.xidian.edu.cn trusty-updates/restricted i386 Packages [17.0 kB]
Get:22 http://linux.xidian.edu.cn trusty-updates/universe i386 Packages [504 kB]
Get:23 http://linux.xidian.edu.cn trusty-updates/multiverse i386 Packages [15.1 kB]
Get:24 http://linux.xidian.edu.cn trusty-updates/main Translation-en [579 kB]
Get:25 http://linux.xidian.edu.cn trusty-updates/multiverse Translation-en [7616 B]
Get:26 http://linux.xidian.edu.cn trusty-updates/restricted Translation-en [4028 B]
Get:27 http://linux.xidian.edu.cn trusty-updates/universe Translation-en [280 kB]
Get:28 http://linux.xidian.edu.cn trusty Release [58.5 kB]
Get:29 http://linux.xidian.edu.cn trusty/main amd64 Packages [1350 kB]
Get:30 http://linux.xidian.edu.cn trusty/restricted amd64 Packages [13.0 kB]
Get:31 http://linux.xidian.edu.cn trusty/universe amd64 Packages [5859 kB]
Get:32 http://linux.xidian.edu.cn trusty/multiverse amd64 Packages [132 kB]
Get:33 http://linux.xidian.edu.cn trusty/main i386 Packages [1348 kB]
Get:34 http://linux.xidian.edu.cn trusty/restricted i386 Packages [13.0 kB]
Get:35 http://linux.xidian.edu.cn trusty/universe i386 Packages [5859 kB]
Get:36 http://linux.xidian.edu.cn trusty/multiverse i386 Packages [132 kB]
```

```
Preparing to unpack .../x11-common_1%3a7.7+ubuntu0.1_all.deb ...
locale: Cannot set LC_CTYPE to default locale: No such file or directory
locale: Cannot set LC_MESSAGES to default locale: No such file or directory
locale: Cannot set LC_ALL to default locale: No such file or directory
Unpacking x11-common (1:7.7+ubuntu0.1) ...
Selecting previously unselected package libxss1:amd64.
Preparing to unpack .../libxss1_1%3a1.2.2-1_amd64.deb ...
Unpacking libxss1:amd64 (1:1.2.2-1) ...
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 libtxc-dxtn-s2tc0:amd64.
Preparing to unpack .../libtxc-dxtn-s2tc0_0-glt20131104-1.1_amd64.deb ...
Unpacking libtxc-dxtn-s2tc0:amd64 (0-glt20131104-1.1) ...
Processing triggers for man-db (2.6.7-1.1ubuntu1) ...
Processing triggers for ureadahead (0.100.0-16) ...
ureadahead will be reprofiled on next reboot
Setting up libdrm-intel1:amd64 (2.4.67-1ubuntu0.14.04.2) ...
Setting up libdrm-nouveau2:amd64 (2.4.67-1ubuntu0.14.04.2) ...
Setting up libdrm-radeon1:amd64 (2.4.67-1ubuntu0.14.04.2) ...
Setting up libllvm3.4:amd64 (1:3.4-1ubuntu3) ...
Setting up libgl1-mesa-dri:amd64 (10.1.3-0ubuntu0.6) ...
Setting up libwayland-client0:amd64 (1.4.0-1ubuntu1.1) ...
Setting up libwayland-server0:amd64 (1.4.0-1ubuntu1.1) ...
Setting up libxkb-dri2-0:amd64 (1.10-2ubuntu1) ...
Setting up libgbml:amd64 (10.1.3-0ubuntu0.6) ...
Setting up libx11-xcb1:amd64 (2:1.6.2-1ubuntu2.1) ...
Setting up libxcb-xfixes0:amd64 (1.10-2ubuntu1) ...
Setting up libegl1-mesa:amd64 (10.1.3-0ubuntu0.6) ...
update-alternatives: using /usr/lib/x86_64-linux-gnu/mesa-egl/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
Setting up libglapi-mesa:amd64 (10.1.3-0ubuntu0.6) ...
Setting up libopenvg1-mesa:amd64 (10.1.3-0ubuntu0.6) ...
Setting up libxfixes3:amd64 (1:5.0.1-1ubuntu1.1) ...
Setting up libwayland-egl1-mesa:amd64 (10.1.3-0ubuntu0.6) ...
Setting up libegl1-mesa-drivers:amd64 (10.1.3-0ubuntu0.6) ...
Setting up libxcb-dri3-0:amd64 (1.10-2ubuntu1) ...
Setting up libxcb-glx0:amd64 (1.10-2ubuntu1) ...
Setting up libxcb-present0:amd64 (1.10-2ubuntu1) ...
Setting up libxcb-sync1:amd64 (1.10-2ubuntu1) ...
Setting up libxdamage1:amd64 (1:1.1.4-1ubuntu1) ...
Setting up libxshmfence1:amd64 (1.1-2) ...
```

2. 通过代理的方式，联网下载 Anaconda 安装脚本

```

Setting up libopenvg1-mesa:amd64 (10.1.3-0ubuntu0.6) ...
Setting up libxfixes3:amd64 (1:5.0.1-1ubuntu1.1) ...
Setting up libwayland-egl1-mesa:amd64 (10.1.3-0ubuntu0.6) ...
Setting up libegl1-mesa-drivers:amd64 (10.1.3-0ubuntu0.6) ...
Setting up libxcb-dri3-0:amd64 (1.10-2ubuntu1) ...
Setting up libxcb-glx0:amd64 (1.10-2ubuntu1) ...
Setting up libxcb-present0:amd64 (1.10-2ubuntu1) ...
Setting up libxcb-sync1:amd64 (1.10-2ubuntu1) ...
Setting up libxdamage1:amd64 (1:1.1.4-1ubuntu1) ...
Setting up libxshmfence1:amd64 (1.1-2) ...
Setting up libxxf86vm1:amd64 (1:1.1.3-1) ...
Setting up libgl1-mesa-glx:amd64 (10.1.3-0ubuntu0.6) ...
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 mode
Setting up libxcomposite1:amd64 (1:0.4.4-1) ...
Setting up libxcursor1:amd64 (1:1.1.14-1ubuntu0.14.04.2) ...
Setting up libxi6:amd64 (2:1.7.10-1ubuntu1) ...
Setting up libxrandr2:amd64 (2:1.5.0-1-trusty1) ...
Setting up x11-common (1:7.7+1ubuntu8.1) ...
locale: Cannot set LC_CTYPE to default locale: No such file or directory
locale: Cannot set LC_MESSAGES to default locale: No such file or directory
locale: Cannot set LC_ALL to default locale: No such file or directory
 * Setting up X socket directories...
Setting up libtxc-dxtn-s2tc0:amd64 (0-g1t20131104-1.1) ...
update-alternatives: using /usr/lib/x86_64-linux-gnu/libtxc_dxtn.so.0 to provide /usr/lib/x86_64-linux-gnu/libtxc_dxtn.so (libtxc-dxtn-x86_64-linux-gnu) in auto mode
Processing triggers for ureadahead (0.100.0-16) ...
Setting up libxss1:amd64 (1:1.2.2-1) ...
Setting up libxtst6:amd64 (2:1.2.2-1) ...
Processing triggers for libc-bin (2.19-0ubuntu6.9) ...
ubuntu@media20:~$ proxychains wget https://repo.anaconda.com/archive/Anaconda3-2019.03-Linux-x86_64.sh
ProxyChains-3.1 (http://proxychains.sf.net)
--2019-05-13 19:44:48-- https://repo.anaconda.com/archive/Anaconda3-2019.03-Linux-x86_64.sh
Resolving repo.anaconda.com (repo.anaconda.com)... [DNS-request] repo.anaconda.com
[S-chain]->-10.170.20.237:2080->->-4.2.2.53->->-OK
[DNS-response] repo.anaconda.com is 104.16.130.3
104.16.130.3
Connecting to repo.anaconda.com (repo.anaconda.com)[104.16.130.3]:443... [S-chain]->-10.170.20.237:2080->->-104.16.130.3:443->->-OK
connected.
HTTP request sent, awaiting response... 200 OK
Length: 685906562 (654M) [application/x-sh]
Saving to: 'Anaconda3-2019.03-Linux-x86_64.sh'

77% [=====] 528,448,232 2.38MB/s eta 72s

```

```

locale: Cannot set LC_CTYPE to default locale: No such file or directory
locale: Cannot set LC_MESSAGES to default locale: No such file or directory
locale: Cannot set LC_ALL to default locale: No such file or directory
 * Setting up X socket directories...
Setting up libtxc-dxtn-s2tc0:amd64 (0-g1t20131104-1.1) ...
update-alternatives: using /usr/lib/x86_64-linux-gnu/libtxc_dxtn.so.0 to provide /usr/lib/x86_64-linux-gnu/libtxc_dxtn.so (libtxc-dxtn-x86_64-linux-gnu) in auto mode
Processing triggers for ureadahead (0.100.0-16) ...
Setting up libxss1:amd64 (1:1.2.2-1) ...
Setting up libxtst6:amd64 (2:1.2.2-1) ...
Processing triggers for libc-bin (2.19-0ubuntu6.9) ...
ubuntu@media20:~$ proxychains wget https://repo.anaconda.com/archive/Anaconda3-2019.03-Linux-x86_64.sh
ProxyChains-3.1 (http://proxychains.sf.net)
--2019-05-13 19:44:48-- https://repo.anaconda.com/archive/Anaconda3-2019.03-Linux-x86_64.sh
Resolving repo.anaconda.com (repo.anaconda.com)... [DNS-request] repo.anaconda.com
[S-chain]->-10.170.20.237:2080->->-4.2.2.53->->-OK
[DNS-response] repo.anaconda.com is 104.16.130.3
104.16.130.3
Connecting to repo.anaconda.com (repo.anaconda.com)[104.16.130.3]:443... [S-chain]->-10.170.20.237:2080->->-104.16.130.3:443->->-OK
connected.
HTTP request sent, awaiting response... 200 OK
Length: 685906562 (654M) [application/x-sh]
Saving to: 'Anaconda3-2019.03-Linux-x86_64.sh'

100%[=====] 685,906,562 2.21MB/s in 5m 15s 1

2019-05-13 19:50:06 (2.07 MB/s) - 'Anaconda3-2019.03-Linux-x86_64.sh' saved [685906562/685906562]

ubuntu@media20:~$ ll
No command 'lls' found, did you mean:
Command 'lls' from package 'python-lls' (universe)
Command 'hls' from package 'hfsutils' (main)
Command 'ls' from package 'coreutils' (main)
Command 'fls' from package 'sleuthkit' (universe)
Command 'als' from package 'atool' (universe)
Command 'ols' from package 'speech-tools' (universe)
Command 'lls' from package 'sleuthkit' (universe)
Command 'bls' from package 'bacula-sd' (main)
Command 'jls' from package 'sleuthkit' (universe)
lls: command not found
ubuntu@media20:~$ ls
Anaconda3-2019.03-Linux-x86_64.sh
ubuntu@media20:~$

```

下载完成

3. 安装 Anaconda

```

Please answer 'yes' or 'no':
>>> yes

Anaconda3 will now be installed into this location:
/home/ubuntu/anaconda3

- Press ENTER to confirm the location
- Press CTRL-C to abort the installation
- Or specify a different location below

[/home/ubuntu/anaconda3] >>>
PREFIX=/home/ubuntu/anaconda3
installing: python-3.7.3-h0371630_0 ...

```



```
installing: blas-1.0-mkl ...
installing: ca-certificates-2019.1.23-0 ...
installing: intel-openmp-2019.3.199 ...
installing: libgcc-ng-8.2.0-hdf63c60_1 ...
installing: libgfortran-ng-7.3.0-hdf63c60_0 ...
installing: libstdcxx-ng-8.2.0-hdf63c60_1 ...
installing: bzip2-1.0.6-h14c3975_5 ...
installing: expat-2.2.6-he6710b0_0 ...
installing: freibidi-1.0.5-h7b6447c_0 ...
installing: gmp-6.1.2-h6c8ec71_1 ...
installing: graphite2-1.3.13-h23475e2_0 ...
installing: icu-58.2-h9c2bf20_1 ...
installing: jbig-2.1-hdba287a_0 ...
installing: jpeg-9b-h024ee3a_2 ...
installing: libffi-3.2.1-hd80c153_4 ...
installing: liblief-0.9.0-h7725739_2 ...
installing: libsodium-1.0.16-h1bed415_0 ...
installing: libtool-2.4.6-h7b6447c_5 ...
installing: libuuid-1.0.3-h1bed415_2 ...
installing: libxcb-1.13-h1bed415_1 ...
installing: lz4-c-1.8.1.2-h14c3975_0 ...
installing: lzo-2.10-h49e0be7_2 ...
installing: mkl-2019.3.199 ...
installing: ncurses-6.1-he6710b0_1 ...
installing: openssl-1.1.1b-h7b6447c_1 ...
installing: patchelf-0.9-he6710b0_3 ...
installing: pcre-8.43-he6710b0_0 ...
installing: pixman-0.38.0-h7b6447c_0 ...
installing: snappy-1.1.7-hbae5bb6_3 ...
installing: xz-5.2.4-h14c3975_4 ...
installing: yaml-0.1.7-had09818_2 ...
installing: zlib-1.2.11-h7b6447c_3 ...
installing: blosc-1.15.0-hd488876_0 ...
installing: glib-2.56.2-hd408876_0 ...
installing: hdf5-1.10.4-hb1b8b9f_0 ...
installing: libedit-3.1.20181209-hc058e9b_0 ...
installing: libpng-1.6.36-hbc83047_0 ...
installing: libssh2-1.8.0-h1ba5d50_4 ...
installing: libxml2-2.9.9-he19cac6_0 ...
installing: mpfr-4.0.1-hdf1c602_3 ...
installing: pandoc-2.2.3.2-0 ...
```

```
installing: scikit-image-0.14.2-py37ha6710b0_0 ...
installing: scikit-learn-0.20.3-py37hd81dba3_0 ...
installing: astropy-3.1.2-py37h7b6447c_0 ...
installing: statsmodels-0.9.0-py37h035aef0_0 ...
installing: seaborn-0.9.0-py37_0 ...
installing: anaconda-2019.03-py37_0 ...
Installation finished.
Do you wish the installer to initialize Anaconda3
by running conda init? [yes/no]
[no] >>> yes
WARNING: The conda.compat module is deprecated and will be removed in a future release.
no change /home/ubuntu/anaconda3/condabin/conda
no change /home/ubuntu/anaconda3/bin/conda
no change /home/ubuntu/anaconda3/bin/conda-env
no change /home/ubuntu/anaconda3/bin/activate
no change /home/ubuntu/anaconda3/bin/deactivate
no change /home/ubuntu/anaconda3/etc/profile.d/conda.sh
no change /home/ubuntu/anaconda3/etc/fish/conf.d/conda.fish
no change /home/ubuntu/anaconda3/shell/condabin/Conda.psm1
no change /home/ubuntu/anaconda3/shell/condabin/conda-hook.ps1
no change /home/ubuntu/anaconda3/lib/python3.7/site-packages/xonsh/conda.xsh
no change /home/ubuntu/anaconda3/etc/profile.d/conda.csh
modified /home/ubuntu/.bashrc
```

==> For changes to take effect, close and re-open your current shell. <==

If you'd prefer that conda's base environment not be activated on startup,
set the auto_activate_base parameter to false:

conda config --set auto_activate_base false

Thank you for installing Anaconda3!

=====

Anaconda and JetBrains are working together to bring you Anaconda-powered
environments tightly integrated in the PyCharm IDE.

PyCharm for Anaconda is available at:
<https://www.anaconda.com/pycharm>

ubuntu@media20:~\$

4. 安装 TensorFlow

```

pbr-5.1.3 | py_0 74 KB
protobuf-3.7.1 | py37he6718b0_0 650 KB
tensorboard-1.13.1 | py37hf484d3e_0 3.3 MB
tensorflow-1.13.1 | mkl_py37h54b294f_0 4 KB
tensorflow-base-1.13.1 | mkl_py37h7ce6ba3_0 106.7 MB
tensorflow-estimator-1.13.0 | py_0 205 KB
termcolor-1.1.0 | py37_1 7 KB
-----
Total: 119.4 MB

The following NEW packages will be INSTALLED:

_tflow_select pkgs/main/linux-64::_tflow_select-2.3.0-mkl
absl-py pkgs/main/linux-64::absl-py-0.7.1-py37_0
astor pkgs/main/linux-64::astor-0.7.1-py37_0
c-ares pkgs/main/linux-64::c-ares-1.15.0-h7b6447c_1
gast pkgs/main/linux-64::gast-0.2.2-py37_0
grpcio pkgs/main/linux-64::grpcio-1.16.1-py37hf8bcb03_1
keras-applications pkgs/main/noarch::keras-applications-1.0.7-py_0
keras-preprocessing pkgs/main/noarch::keras-preprocessing-1.0.9-py_0
libprotobuf pkgs/main/linux-64::libprotobuf-3.7.1-hd408876_0
markdown pkgs/main/linux-64::markdown-3.1-py37_0
mock pkgs/main/linux-64::mock-2.0.0-py37_0
pbr pkgs/main/noarch::pbr-5.1.3-py_0
protobuf pkgs/main/linux-64::protobuf-3.7.1-py37he6718b0_0
tensorboard pkgs/main/linux-64::tensorboard-1.13.1-py37hf484d3e_0
tensorflow pkgs/main/linux-64::tensorflow-1.13.1-mkl_py37h54b294f_0
tensorflow-base pkgs/main/linux-64::tensorflow-base-1.13.1-mkl_py37h7ce6ba3_0
tensorflow-estima- pkgs/main/noarch::tensorflow-estimator-1.13.0-py_0
termcolor pkgs/main/linux-64::termcolor-1.1.0-py37_1

The following packages will be UPDATED:

conda 4.6.11-py37_0 --> 4.6.14-py37_0

Proceed ([y]/n)? y

Downloading and Extracting Packages
_tflow_select-2.3.0 | 2 KB | ##### 100%
protobuf-3.7.1 | 650 KB | ##### 4%

```

5. 执行脚本，输出结果

```

protobuf-3.7.1 | 650 KB | ##### 100%
keras-applications-1 | 33 KB | ##### 100%
absl-py-0.7.1 | 157 KB | ##### 100%
c-ares-1.15.0 | 98 KB | ##### 100%
keras-preprocessing- | 35 KB | ##### 100%
pbr-5.1.3 | 74 KB | ##### 100%
grpcio-1.16.1 | 1.0 MB | ##### 100%
libprotobuf-3.7.1 | 4.7 MB | ##### 100%
tensorflow-base-1.13 | 106.7 MB | ##### 100%
tensorflow-1.13.1 | 4 KB | ##### 100%
conda-4.6.14 | 2.1 MB | ##### 100%
mock-2.0.0 | 104 KB | ##### 100%
gast-0.2.2 | 137 KB | ##### 100%
markdown-3.1 | 113 KB | ##### 100%
tensorflow-estimator | 205 KB | ##### 100%
astor-0.7.1 | 43 KB | ##### 100%
termcolor-1.1.0 | 7 KB | ##### 100%
tensorboard-1.13.1 | 3.3 MB | ##### 100%
Preparing transaction: done
Verifying transaction: done
Executing transaction: done
(base) ubuntu@media20:~$ vim test.py
(base) ubuntu@media20:~$ python3 test.py
2019-05-13 20:03:54.753333: I tensorflow/core/platform/cpu_feature_guard.cc:141] Your CPU supports instructions that this TensorFlow binary was not compiled to use: SSE4.1 SSE4.2 AVX AVX2
FWA
2019-05-13 20:03:54.761284: I tensorflow/core/platform/profile_utils/cpu_utils.cc:94] CPU Frequency: 1895475000 Hz
2019-05-13 20:03:54.761560: I tensorflow/compiler/xla/service/service.cc:150] XLA service 0x5570a50973c0 executing computations on platform Host. Devices:
2019-05-13 20:03:54.761675: I tensorflow/compiler/xla/service/service.cc:158] StreamExecutor device (0): <undefined>, <undefined>
OMP: Info #212: KMP_AFFINITY: decoding x2APIC ids.
OMP: Info #213: KMP_AFFINITY: cpuid leaf 11 not supported - decoding legacy APIC ids.
OMP: Info #149: KMP_AFFINITY: Affinity capable, using global cpuid info
OMP: Info #154: KMP_AFFINITY: Initial OS proc set respected: 0
OMP: Info #156: KMP_AFFINITY: 1 available OS procs
OMP: Info #157: KMP_AFFINITY: Uniform topology
OMP: Info #159: KMP_AFFINITY: 1 packages x 1 cores/pkg x 1 threads/core (1 total cores)
OMP: Info #214: KMP_AFFINITY: OS proc to physical thread map:
OMP: Info #171: KMP_AFFINITY: OS proc 0 maps to package 0
OMP: Info #250: KMP_AFFINITY: pid 4501 tid 4501 thread 0 bound to OS proc set 0
2019-05-13 20:03:54.762534: I tensorflow/core/common_runtime/process_util.cc:71] Creating new thread pool with default inter op setting: 2. Tune using inter_op_parallelism_threads for bes
t performance.
b'Hello, media20!!!'
(base) ubuntu@media20:~$

```

```

OMP: Info #171: KMP_AFFINITY: OS proc 0 maps to package 0
OMP: Info #250: KMP_AFFINITY: pid 4501 tid 4501 thread 0 bound to
2019-05-13 20:03:54.762534: I tensorflow/core/common_runtime/pro
t performance.
b'Hello, media20!!!'
(base) ubuntu@media20:~$

```