

```
python -c "import tensorflow; print(tensorflow.__version__)"
2.0.0
(base) i84177-4:~ lindne03$ conda uninstall tensorflow
Collecting package metadata (repopdata.json): done
Solving environment: done
```

Package Plan

environment location: /Users/lindne03/miniconda3

removed specs:
- tensorflow

The following packages will be downloaded:

package	build	
cffi-1.13.2	py37hb5b8e2f_0	218 KB
setuptools-41.6.0	py37_0	641 KB
six-1.13.0	py37_0	26 KB
sqlite-3.30.1	ha441bb4_0	2.4 MB

Total:		3.3 MB

The following packages will be REMOVED:

```
_tflow_select-2.3.0-mkl
absl-py-0.8.1-py37_0
astor-0.8.0-py37_0
blas-1.0-mkl
c-ares-1.15.0-h1de35cc_1001
gast-0.2.2-py37_0
google-pasta-0.1.7-py_0
grpcio-1.16.1-py37h044775b_1
h5py-2.9.0-py37h3134771_0
hdf5-1.10.4-hfa1e0ec_0
intel-openmp-2019.4-233
keras-applications-1.0.8-py_0
keras-preprocessing-1.1.0-py_1
libgfortran-3.0.1-h93005f0_2
libprotobuf-3.9.2-hd9629dc_0
markdown-3.1.1-py37_0
mkl-2019.4-233
mkl-service-2.3.0-py37hfbe908c_0
mkl_fft-1.0.15-py37h5e564d8_0
mkl_random-1.1.0-py37ha771720_0
numpy-1.17.3-py37h4174a10_0
numpy-base-1.17.3-py37h6575580_0
opt_einsum-3.1.0-py_0
protobuf-3.9.2-py37h0a44026_0
scipy-1.3.1-py37h1410ff5_0
tensorboard-2.0.0-pyhb230dea_0
tensorflow-2.0.0-mkl_py37hda344b4_0
tensorflow-base-2.0.0-mkl_py37h66b1bf0_0
tensorflow-estimator-2.0.0-pyh2649769_0
termcolor-1.1.0-py37_1
webencodings-0.5.1-py37_1
werkzeug-0.16.0-py_0
wrap-1.11.2-py37h1de35cc_0
```

The following packages will be UPDATED:

```
cffi 1.13.0-py37hb5b8e2f_0 --> 1.13.2-
py37hb5b8e2f_0
setuptools 41.4.0-py37_0 --> 41.6.0-py37_0
```

```
six 1.12.0-py37_0 --> 1.13.0-py37_0
sqlite 3.30.0-ha441bb4_0 --> 3.30.1-
ha441bb4_0
```

Proceed ([y]/n)? y

Downloading and Extracting Packages

```
sqlite-3.30.1 | 2.4 MB |
#####
##### | 100%
cffi-1.13.2 | 218 KB |
#####
##### | 100%
six-1.13.0 | 26 KB |
#####
##### | 100%
setuptools-41.6.0 | 641 KB |
#####
##### | 100%
```

```
Preparing transaction: done
Verifying transaction: done
Executing transaction: done
(base) i84177-4:~ lindne03$ conda create -n tf-conda python=3.6
Collecting package metadata (current_repodata.json): done
Solving environment: done
```

Package Plan

environment location: /Users/lindne03/miniconda3/envs/tf-conda

added / updated specs:
- python=3.6

The following packages will be downloaded:

package	build	
certifi-2019.9.11	py36_0	154 KB
pip-19.3.1	py36_0	1.9 MB
python-3.6.9	h359304d_0	17.1 MB
setuptools-41.6.0	py36_0	652 KB
wheel-0.33.6	py36_0	40 KB
Total:		19.8 MB

The following NEW packages will be INSTALLED:

```
ca-certificates pkgs/main/osx-64::ca-certificates-2019.10.16-0
certifi pkgs/main/osx-64::certifi-2019.9.11-py36_0
libcxx pkgs/main/osx-64::libcxx-4.0.1-hcfea43d_1
libcxxabi pkgs/main/osx-64::libcxxabi-4.0.1-hcfea43d_1
libedit pkgs/main/osx-64::libedit-3.1.20181209-hb402a30_0
libffi pkgs/main/osx-64::libffi-3.2.1-h475c297_4
ncurses pkgs/main/osx-64::ncurses-6.1-h0a44026_1
openssl pkgs/main/osx-64::openssl-1.1.1d-h1de35cc_3
pip pkgs/main/osx-64::pip-19.3.1-py36_0
python pkgs/main/osx-64::python-3.6.9-h359304d_0
readline pkgs/main/osx-64::readline-7.0-h1de35cc_5
setuptools pkgs/main/osx-64::setuptools-41.6.0-py36_0
sqlite pkgs/main/osx-64::sqlite-3.30.1-ha441bb4_0
tk pkgs/main/osx-64::tk-8.6.8-ha441bb4_0
wheel pkgs/main/osx-64::wheel-0.33.6-py36_0
xz pkgs/main/osx-64::xz-5.2.4-h1de35cc_4
```

```
zlib                pkgs/main/osx-64::zlib-1.2.11-h1de35cc_3
```

```
Proceed ([y]/n)? y
```

```
Downloading and Extracting Packages
```

```
pip-19.3.1          | 1.9 MB |  
#####  
##### | 100%  
wheel-0.33.6       | 40 KB  |  
#####  
##### | 100%  
certifi-2019.9.11  | 154 KB |  
#####  
##### | 100%  
python-3.6.9       | 17.1 MB|  
#####  
##### | 100%  
setuptools-41.6.0  | 652 KB |  
#####  
##### | 100%
```

```
Preparing transaction: done
```

```
Verifying transaction: done
```

```
Executing transaction: done
```

```
#
```

```
# To activate this environment, use
```

```
#
```

```
# $ conda activate tf-conda
```

```
#
```

```
# To deactivate an active environment, use
```

```
#
```

```
# $ conda deactivate
```

```
(base) i84177-4:~ lindne03$ conda install tensorflow==1.14.0 -c anaconda
```

```
Collecting package metadata (current_repodata.json): done
```

```
Solving environment: failed with initial frozen solve. Retrying with flexible solve.
```

```
Collecting package metadata (repodata.json): done
```

```
Solving environment: done
```

```
## Package Plan ##
```

```
environment location: /Users/lindne03/miniconda3
```

```
added / updated specs:
```

```
- tensorflow==1.14.0
```

```
The following packages will be downloaded:
```

package	build		
_tflow_select-2.3.0	mkl	3 KB	anaconda
absl-py-0.8.1	py37_0	161 KB	anaconda
astor-0.8.0	py37_0	45 KB	anaconda
blas-1.0	mkl	5 KB	anaconda
c-ares-1.15.0	h1de35cc_1001	83 KB	anaconda
ca-certificates-2019.10.16	0	131 KB	anaconda
certifi-2019.9.11	py37_0	154 KB	anaconda
conda-4.7.12	py37_0	3.0 MB	anaconda
gast-0.3.2	py_0	13 KB	anaconda
grpcio-1.16.1	py37h044775b_1	915 KB	anaconda
h5py-2.9.0	py37h3134771_0	942 KB	anaconda
hdf5-1.10.4	hfale0ec_0	4.5 MB	anaconda
intel-openmp-2019.5	281	1.1 MB	anaconda

keras-applications-1.0.8	py_0	33 KB	anaconda
keras-preprocessing-1.1.0	py_1	36 KB	anaconda
libgfortran-3.0.1	h93005f0_2	495 KB	anaconda
libprotobuf-3.9.2	hd9629dc_0	4.4 MB	anaconda
markdown-3.1.1	py37_0	113 KB	anaconda
mkl-2019.5	281	157.7 MB	anaconda
mkl-service-2.3.0	py37hfbe908c_0	187 KB	anaconda
mkl_fft-1.0.15	py37h5e564d8_0	157 KB	anaconda
mkl_random-1.1.0	py37ha771720_0	320 KB	anaconda
numpy-1.17.3	py37h4174a10_0	4 KB	anaconda
numpy-base-1.17.3	py37h6575580_0	4.9 MB	anaconda
openssl-1.1.1	h1de35cc_0	4.6 MB	anaconda
protobuf-3.9.2	py37h0a44026_0	685 KB	anaconda
scipy-1.3.1	py37h1410ff5_0	16.0 MB	anaconda
tensorboard-1.14.0	py37h80053f4_0	3.2 MB	anaconda
tensorflow-1.14.0	mkl_py37h085be34_0	4 KB	anaconda
tensorflow-base-1.14.0	mkl_py37h5a24fda_0	122.9 MB	anaconda
tensorflow-estimator-1.14.0	py_0	291 KB	anaconda
termcolor-1.1.0	py37_1	8 KB	anaconda
werkzeug-0.16.0	py_0	255 KB	anaconda
wrapt-1.11.2	py37h1de35cc_0	44 KB	anaconda
Total:		327.4 MB	

The following NEW packages will be INSTALLED:

_tflow_select	anaconda/osx-64::_tflow_select-2.3.0-mkl
absl-py	anaconda/osx-64::absl-py-0.8.1-py37_0
astor	anaconda/osx-64::astor-0.8.0-py37_0
blas	anaconda/osx-64::blas-1.0-mkl
c-ares	anaconda/osx-64::c-ares-1.15.0-h1de35cc_1001
gast	anaconda/noarch::gast-0.3.2-py_0
grpcio	anaconda/osx-64::grpcio-1.16.1-py37h044775b_1
h5py	anaconda/osx-64::h5py-2.9.0-py37h3134771_0
hdf5	anaconda/osx-64::hdf5-1.10.4-hfa1e0ec_0
intel-openmp	anaconda/osx-64::intel-openmp-2019.5-281
keras-applications	anaconda/noarch::keras-applications-1.0.8-py_0
keras-preprocessing	anaconda/noarch::keras-preprocessing-1.1.0-py_1
libgfortran	anaconda/osx-64::libgfortran-3.0.1-h93005f0_2
libprotobuf	anaconda/osx-64::libprotobuf-3.9.2-hd9629dc_0
markdown	anaconda/osx-64::markdown-3.1.1-py37_0
mkl	anaconda/osx-64::mkl-2019.5-281
mkl-service	anaconda/osx-64::mkl-service-2.3.0-py37hfbe908c_0
mkl_fft	anaconda/osx-64::mkl_fft-1.0.15-py37h5e564d8_0
mkl_random	anaconda/osx-64::mkl_random-1.1.0-py37ha771720_0
numpy	anaconda/osx-64::numpy-1.17.3-py37h4174a10_0
numpy-base	anaconda/osx-64::numpy-base-1.17.3-py37h6575580_0
protobuf	anaconda/osx-64::protobuf-3.9.2-py37h0a44026_0
scipy	anaconda/osx-64::scipy-1.3.1-py37h1410ff5_0
tensorboard	anaconda/osx-64::tensorboard-1.14.0-py37h80053f4_0
tensorflow	anaconda/osx-64::tensorflow-1.14.0-mkl_py37h085be34_0
tensorflow-base	anaconda/osx-64::tensorflow-base-1.14.0-mkl_py37h5a24fda_0
tensorflow-estimator	anaconda/noarch::tensorflow-estimator-1.14.0-py_0
termcolor	anaconda/osx-64::termcolor-1.1.0-py37_1
werkzeug	anaconda/noarch::werkzeug-0.16.0-py_0
wrapt	anaconda/osx-64::wrapt-1.11.2-py37h1de35cc_0

The following packages will be UPDATED:

openssl	pkgs/main::openssl-1.1.1d-h1de35cc_3 -->
anaconda::openssl-1.1.1-h1de35cc_0	

The following packages will be SUPERSEDED by a higher-priority channel:

ca-certificates	pkgs/main --> anaconda
certifi	pkgs/main --> anaconda

Proceed ([y]/n)? y

Downloading and Extracting Packages

h5py-2.9.0	942 KB	
#####		
#####		100%
blas-1.0	5 KB	
#####		
#####		100%
markdown-3.1.1	113 KB	
#####		
#####		100%
_tflow_select-2.3.0	3 KB	
#####		
#####		100%
intel-openmp-2019.5	1.1 MB	
#####		
#####		100%
termcolor-1.1.0	8 KB	
#####		
#####		100%
gast-0.3.2	13 KB	
#####		
#####		100%
grpcio-1.16.1	915 KB	
#####		
#####		100%
mkl-service-2.3.0	187 KB	
#####		
#####		100%
mkl-2019.5	157.7 MB	
#####		
#####		100%
wrapt-1.11.2	44 KB	
#####		
#####		100%
ca-certificates-2019	131 KB	
#####		
#####		100%
scipy-1.3.1	16.0 MB	
#####		
#####		100%
conda-4.7.12	3.0 MB	
#####		
#####		100%
keras-preprocessing-	36 KB	
#####		
#####		100%
certifi-2019.9.11	154 KB	
#####		
#####		100%
numpy-base-1.17.3	4.9 MB	
#####		
#####		100%
numpy-1.17.3	4 KB	
#####		
#####		100%
tensorflow-estimator	291 KB	
#####		
#####		100%

```

c-ares-1.15.0 | 83 KB |
#####
##### | 100%
protobuf-3.9.2 | 685 KB |
#####
##### | 100%
tensorflow-base-1.14 | 122.9 MB |
#####
##### | 100%
hdf5-1.10.4 | 4.5 MB |
#####
##### | 100%
mkl_fft-1.0.15 | 157 KB |
#####
##### | 100%
keras-applications-1 | 33 KB |
#####
##### | 100%
werkzeug-0.16.0 | 255 KB |
#####
##### | 100%
openssl-1.1.1 | 4.6 MB |
#####
##### | 100%
tensorboard-1.14.0 | 3.2 MB |
#####
##### | 100%
tensorflow-1.14.0 | 4 KB |
#####
##### | 100%
astor-0.8.0 | 45 KB |
#####
##### | 100%
mkl_random-1.1.0 | 320 KB |
#####
##### | 100%
libprotobuf-3.9.2 | 4.4 MB |
#####
##### | 100%
absl-py-0.8.1 | 161 KB |
#####
##### | 100%
libgfortran-3.0.1 | 495 KB |
#####
##### | 100%
Preparing transaction: done
Verifying transaction: done
Executing transaction: done
(base) i84177-4:~ lindne03$ python -c "import tensorflow;
print(tensorflow.__version__)"
/Users/lindne03/miniconda3/lib/python3.7/site-packages/tensorflow/python/
framework/dtypes.py:516: FutureWarning: Passing (type, 1) or '1type' as a
synonym of type is deprecated; in a future version of numpy, it will be
understood as (type, (1,)) / '(1,)type'.
_np_qint8 = np.dtype(["qint8", np.int8, 1])
/Users/lindne03/miniconda3/lib/python3.7/site-packages/tensorflow/python/
framework/dtypes.py:517: FutureWarning: Passing (type, 1) or '1type' as a
synonym of type is deprecated; in a future version of numpy, it will be
understood as (type, (1,)) / '(1,)type'.
_np_quint8 = np.dtype(["quint8", np.uint8, 1])
/Users/lindne03/miniconda3/lib/python3.7/site-packages/tensorflow/python/
framework/dtypes.py:518: FutureWarning: Passing (type, 1) or '1type' as a
synonym of type is deprecated; in a future version of numpy, it will be
understood as (type, (1,)) / '(1,)type'.
_np_qint16 = np.dtype(["qint16", np.int16, 1])

```

```
/Users/lindne03/miniconda3/lib/python3.7/site-packages/tensorflow/python/
framework/dtypes.py:519: FutureWarning: Passing (type, 1) or '1type' as a
synonym of type is deprecated; in a future version of numpy, it will be
understood as (type, (1,)) / '(1,)type'.
_np_quint16 = np.dtype(["quint16", np.uint16, 1])
/Users/lindne03/miniconda3/lib/python3.7/site-packages/tensorflow/python/
framework/dtypes.py:520: FutureWarning: Passing (type, 1) or '1type' as a
synonym of type is deprecated; in a future version of numpy, it will be
understood as (type, (1,)) / '(1,)type'.
_np_qint32 = np.dtype(["qint32", np.int32, 1])
/Users/lindne03/miniconda3/lib/python3.7/site-packages/tensorflow/python/
framework/dtypes.py:525: FutureWarning: Passing (type, 1) or '1type' as a
synonym of type is deprecated; in a future version of numpy, it will be
understood as (type, (1,)) / '(1,)type'.
np_resource = np.dtype(["resource", np.ubyte, 1])
/Users/lindne03/miniconda3/lib/python3.7/site-packages/tensorboard/compat/
tensorflow_stub/dtypes.py:541: FutureWarning: Passing (type, 1) or '1type' as a
synonym of type is deprecated; in a future version of numpy, it will be
understood as (type, (1,)) / '(1,)type'.
_np_qint8 = np.dtype(["qint8", np.int8, 1])
/Users/lindne03/miniconda3/lib/python3.7/site-packages/tensorboard/compat/
tensorflow_stub/dtypes.py:542: FutureWarning: Passing (type, 1) or '1type' as a
synonym of type is deprecated; in a future version of numpy, it will be
understood as (type, (1,)) / '(1,)type'.
_np_quint8 = np.dtype(["quint8", np.uint8, 1])
/Users/lindne03/miniconda3/lib/python3.7/site-packages/tensorboard/compat/
tensorflow_stub/dtypes.py:543: FutureWarning: Passing (type, 1) or '1type' as a
synonym of type is deprecated; in a future version of numpy, it will be
understood as (type, (1,)) / '(1,)type'.
_np_qint16 = np.dtype(["qint16", np.int16, 1])
/Users/lindne03/miniconda3/lib/python3.7/site-packages/tensorboard/compat/
tensorflow_stub/dtypes.py:544: FutureWarning: Passing (type, 1) or '1type' as a
synonym of type is deprecated; in a future version of numpy, it will be
understood as (type, (1,)) / '(1,)type'.
_np_quint16 = np.dtype(["quint16", np.uint16, 1])
/Users/lindne03/miniconda3/lib/python3.7/site-packages/tensorboard/compat/
tensorflow_stub/dtypes.py:545: FutureWarning: Passing (type, 1) or '1type' as a
synonym of type is deprecated; in a future version of numpy, it will be
understood as (type, (1,)) / '(1,)type'.
_np_qint32 = np.dtype(["qint32", np.int32, 1])
/Users/lindne03/miniconda3/lib/python3.7/site-packages/tensorboard/compat/
tensorflow_stub/dtypes.py:550: FutureWarning: Passing (type, 1) or '1type' as a
synonym of type is deprecated; in a future version of numpy, it will be
understood as (type, (1,)) / '(1,)type'.
np_resource = np.dtype(["resource", np.ubyte, 1])
1.14.0
(base) i84177-4:~ lindne03$
```