

```
conda env create -f environment.yml -n sleap
```

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

```
Solving environment: done
```

```
Downloading and Extracting Packages
```

```
libstdcxx-ng-11.2.0 | 4.7 MB |
```

```
#####  
##### | 100%
```

```
libgfortran5-11.2.0 | 2.0 MB |
```

```
#####  
##### | 100%
```

```
libgcc-ng-11.2.0 | 5.3 MB |
```

```
#####  
##### | 100%
```

```
libgfortran-ng-11.2. | 20 KB |
```

```
#####  
##### | 100%
```

```
libgomp-11.2.0 | 474 KB |
```

```
#####  
##### | 100%
```

```
cuda-nn-7.6.5 | 184.3 MB |
```

```
#####  
##### | 100%
```

```
Preparing transaction: done
```

```
Verifying transaction: done
```

```
Executing transaction: done
```

```
Installing pip dependencies: / Ran pip subprocess with arguments:
```

```
['/home/cg226285e/anaconda/envs/sleap_downgraded/bin/python', '-m', 'pip', 'install', '-U', '-r', '/home/cg226285e/sleap/condaenv.5o9fsb0x.requirements.txt']
```

```
Pip subprocess output:
```

```
Obtaining file:///home/cg226285e/sleap (from -r /home/cg226285e/sleap/condaenv.5o9fsb0x.requirements.txt (line 1))
```

```
  Preparing metadata (setup.py): started
```

```
  Preparing metadata (setup.py): finished with status 'done'
```

```
Collecting pytest
```

```
Using cached pytest-7.1.2-py3-none-any.whl (297 kB)
```

Collecting pytest-qt

Using cached pytest_qt-4.0.2-py2.py3-none-any.whl (33 kB)

Collecting pytest-cov

Using cached pytest_cov-3.0.0-py3-none-any.whl (20 kB)

Collecting pytest-xvfb

Using cached pytest_xvfb-2.0.0-py3-none-any.whl (5.1 kB)

Collecting ipython

Using cached ipython-7.34.0-py3-none-any.whl (793 kB)

Collecting sphinx

Using cached Sphinx-5.0.0-py3-none-any.whl (3.1 MB)

Collecting sphinx-book-theme

Using cached sphinx_book_theme-0.3.2-py3-none-any.whl (335 kB)

Collecting sphinx-copybutton

Using cached sphinx_copybutton-0.5.0-py3-none-any.whl (12 kB)

Collecting nbformat==5.1.3

Using cached nbformat-5.1.3-py3-none-any.whl (178 kB)

Collecting myst-nb==0.13.2

Using cached myst_nb-0.13.2-py3-none-any.whl (41 kB)

Collecting myst-parser==0.15.2

Using cached myst_parser-0.15.2-py3-none-any.whl (46 kB)

Collecting linkify-it-py

Using cached linkify_it_py-2.0.0-py3-none-any.whl (19 kB)

Collecting sphinx-autobuild

Using cached sphinx_autobuild-2021.3.14-py3-none-any.whl (9.9 kB)

Collecting black==21.6b0

Using cached black-21.6b0-py3-none-any.whl (140 kB)

Collecting pre-commit

Using cached pre_commit-2.19.0-py2.py3-none-any.whl (199 kB)

Collecting twine==3.3.0

Using cached twine-3.3.0-py3-none-any.whl (34 kB)

Collecting PyGithub

Using cached PyGithub-1.55-py3-none-any.whl (291 kB)

Collecting jupyterlab

Using cached jupyterlab-3.4.2-py3-none-any.whl (8.8 MB)

Collecting jedi==0.17.2

Using cached jedi-0.17.2-py2.py3-none-any.whl (1.4 MB)

Collecting ipykernel

Using cached ipykernel-6.13.0-py3-none-any.whl (131 kB)

Collecting click==8.0.4

Using cached click-8.0.4-py3-none-any.whl (97 kB)
Collecting ipython-genutils
Using cached ipython_genutils-0.2.0-py2.py3-none-any.whl (26 kB)
Collecting jupyter-core
Using cached jupyter_core-4.10.0-py3-none-any.whl (87 kB)
Collecting jsonschema!=2.5.0,>=2.4
Downloading jsonschema-4.6.0-py3-none-any.whl (80 kB)

80.4/80.4 KB 2.8 MB/s eta 0:00:00

Collecting traitlets>=4.1
Using cached traitlets-5.2.2.post1-py3-none-any.whl (106 kB)
Collecting docutils<0.18,>=0.15
Using cached docutils-0.17.1-py2.py3-none-any.whl (575 kB)
Collecting sphinx-togglebutton~=0.3.0
Using cached sphinx_togglebutton-0.3.1-py3-none-any.whl (8.0 kB)
Collecting ipywidgets<8,>=7.0.0
Using cached ipywidgets-7.7.0-py2.py3-none-any.whl (123 kB)
Collecting jupyter-cache~=0.4.1
Using cached jupyter_cache-0.4.3-py3-none-any.whl (31 kB)
Collecting jupyter-sphinx~=0.3.2
Using cached jupyter_sphinx-0.3.2-py3-none-any.whl (20 kB)
Collecting nbconvert<7,>=5.6
Using cached nbconvert-6.5.0-py3-none-any.whl (561 kB)
Collecting sphinx
Using cached Sphinx-4.5.0-py3-none-any.whl (3.1 MB)
Collecting importlib-metadata
Using cached importlib_metadata-4.11.4-py3-none-any.whl (18 kB)
Collecting pyyaml
Using cached PyYAML-6.0-cp37-cp37m-manylinux_2_5_x86_64.manylinux1_x86_64.manylinux_2_12_x86_64.manylinux2010_x86_64.whl (596 kB)
Collecting jinja2
Using cached Jinja2-3.1.2-py3-none-any.whl (133 kB)
Collecting mdit-py-plugins~=0.2.8
Using cached mdit_py_plugins-0.2.8-py3-none-any.whl (41 kB)
Collecting markdown-it-py<2.0.0,>=1.0.0
Using cached markdown_it_py-1.1.0-py3-none-any.whl (83 kB)
Collecting regex>=2020.1.8

Using cached regex-2022.4.24-cp37-cp37m-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (749 kB)
Collecting typed-ast>=1.4.2

Using cached typed_ast-1.5.4-cp37-cp37m-manylinux_2_5_x86_64.manylinux1_x86_64.manylinux_2_12_x86_64.manylinux2010_x86_64.whl (843 kB)

Collecting appdirs

Using cached appdirs-1.4.4-py2.py3-none-any.whl (9.6 kB)

Collecting pathspec<1,>=0.8.1

Using cached pathspec-0.9.0-py2.py3-none-any.whl (31 kB)

Collecting typing-extensions>=3.7.4

Using cached typing_extensions-4.2.0-py3-none-any.whl (24 kB)

Collecting toml>=0.10.1

Using cached toml-0.10.2-py2.py3-none-any.whl (16 kB)

Collecting mypy-extensions>=0.4.3

Using cached mypy_extensions-0.4.3-py2.py3-none-any.whl (4.5 kB)

Collecting colorama>=0.4.3

Using cached colorama-0.4.4-py2.py3-none-any.whl (16 kB)

Requirement already satisfied: setuptools>=0.7.0 in /home/cg226285e/anaconda/envs/sleap_downgraded/lib/python3.7/site-packages (from twine==3.3.0->-r /home/cg226285e/sleap/./dev_requirements.txt (line 17)) (58.0.4)

Collecting requests>=2.20

Using cached requests-2.27.1-py2.py3-none-any.whl (63 kB)

Collecting pkginfo>=1.4.2

Using cached pkginfo-1.8.2-py2.py3-none-any.whl (26 kB)

Collecting tqdm>=4.14

Using cached tqdm-4.64.0-py2.py3-none-any.whl (78 kB)

Collecting rfc3986>=1.4.0

Using cached rfc3986-2.0.0-py2.py3-none-any.whl (31 kB)

Collecting requests-toolbelt!=0.9.0,>=0.8.0

Using cached requests_toolbelt-0.9.1-py2.py3-none-any.whl (54 kB)

Collecting keyring>=15.1

Using cached keyring-23.5.1-py3-none-any.whl (33 kB)

Collecting readme-renderer>=21.0

Using cached readme_renderer-35.0-py3-none-any.whl (14 kB)

Collecting parso<0.8.0,>=0.7.0

Using cached parso-0.7.1-py2.py3-none-any.whl (109 kB)

Requirement already satisfied: numpy<=1.21.5,>=1.19.5 in /home/

cg226285e/anaconda/envs/sleap_downgraded/lib/python3.7/site-packages (from sleap==1.2.3->-r /home/cg226285e/sleap/condaenv.5o9fsb0x.requirements.txt (line 1)) (1.21.5)

Collecting attrs==21.2.0

Using cached attrs-21.2.0-py2.py3-none-any.whl (53 kB)

Collecting cattrs==1.1.1

Using cached cattrs-1.1.1-py3-none-any.whl (16 kB)

Collecting jsonpickle==1.2

Using cached jsonpickle-1.2-py2.py3-none-any.whl (32 kB)

Collecting networkx

Using cached networkx-2.6.3-py3-none-any.whl (1.9 MB)

Collecting tensorflow==2.3.*

Using cached tensorflow-2.3.4-cp37-cp37m-manylinux2010_x86_64.whl (320.6 MB)

Requirement already satisfied: h5py<=3.6.0,>=3.1.0 in /home/cg226285e/anaconda/envs/sleap_downgraded/lib/python3.7/site-packages (from sleap==1.2.3->-r /home/cg226285e/sleap/condaenv.5o9fsb0x.requirements.txt (line 1)) (3.6.0)

Collecting python-rapidjson

Using cached python_rapidjson-1.6-cp37-cp37m-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (1.6 MB)

Collecting opencv-python-headless<=4.5.5.62,>=4.2.0.34

Using cached opencv_python_headless-4.5.5.62-cp36-abi3-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (47.7 MB)

Requirement already satisfied: pandas in /home/cg226285e/anaconda/envs/sleap_downgraded/lib/python3.7/site-packages (from sleap==1.2.3->-r /home/cg226285e/sleap/condaenv.5o9fsb0x.requirements.txt (line 1)) (1.3.5)

Collecting psutil

Using cached psutil-5.9.1-cp37-cp37m-manylinux_2_12_x86_64.manylinux2010_x86_64.manylinux_2_17_x86_64.manylinux2014_x86_64.whl (281 kB)

Requirement already satisfied: PySide2<=5.14.1,>=5.13.2 in /home/cg226285e/anaconda/envs/sleap_downgraded/lib/python3.7/site-packages (from sleap==1.2.3->-r /home/cg226285e/sleap/condaenv.5o9fsb0x.requirements.txt (line 1)) (5.13.2)

Collecting pyzmq

Using cached pyzmq-23.0.0-cp37-cp37m-manylinux_2_5_x86_64.manylinux1_x86_64.whl (1.1 MB)

Collecting imageio<=2.15.0

Using cached imageio-2.15.0-py3-none-any.whl (3.3 MB)

Collecting imgaug==0.4.0

Using cached imgaug-0.4.0-py2.py3-none-any.whl (948 kB)

Requirement already satisfied: scipy<=1.7.3,>=1.4.1 in /home/cg226285e/anaconda/envs/sleap_downgraded/lib/python3.7/site-packages (from sleap==1.2.3->-r /home/cg226285e/sleap/condaenv.5o9fsb0x.requirements.txt (line 1)) (1.7.3)

Collecting scikit-image

Using cached scikit_image-0.19.2-cp37-cp37m-manylinux_2_12_x86_64.manymlinux2010_x86_64.whl (13.5 MB)

Collecting scikit-learn==1.0.*

Using cached scikit_learn-1.0.2-cp37-cp37m-manylinux_2_17_x86_64.manymlinux2014_x86_64.whl (24.8 MB)

Collecting scikit-video

Using cached scikit_video-1.1.11-py2.py3-none-any.whl (2.3 MB)

Collecting imgstore==0.2.9

Using cached imgstore-0.2.9-py2.py3-none-any.whl (904 kB)

Collecting qimage2ndarray<=1.8.3,>=1.8.2

Using cached qimage2ndarray-1.8.3-py3-none-any.whl (11 kB)

Collecting jsmin

Using cached jsmin-3.0.1.tar.gz (13 kB)

Preparing metadata (setup.py): started

Preparing metadata (setup.py): finished with status 'done'

Collecting seaborn

Using cached seaborn-0.11.2-py3-none-any.whl (292 kB)

Collecting pykalman==0.9.5

Using cached pykalman-0.9.5.tar.gz (228 kB)

Preparing metadata (setup.py): started

Preparing metadata (setup.py): finished with status 'done'

Collecting segmentation-models==1.0.1

Using cached segmentation_models-1.0.1-py3-none-any.whl (33 kB)

Collecting rich==10.16.1

Using cached rich-10.16.1-py3-none-any.whl (214 kB)

Collecting certifi<=2021.10.8,>=2017.4.17

Using cached certifi-2021.10.8-py2.py3-none-any.whl (149 kB)

Collecting opencv-python

Using cached opencv_python-4.5.5.64-cp36-abi3-manylinux_2_17_x86_64.manymlinux2014_x86_64.whl (60.5 MB)

Requirement already satisfied: Pillow in /home/cg226285e/anaconda/envs/sleap_downgraded/lib/python3.7/site-packages (from imgaug==0.4.0->sleap==1.2.3->-r /home/cg226285e/sleap/condaenv.5o9fsb0x.requirements.txt (line 1)) (8.4.0)

Collecting matplotlib

Using cached matplotlib-3.5.2-cp37-cp37m-manylinux_2_5_x86_64.manylinux1_x86_64.whl (11.2 MB)

Requirement already satisfied: six in /home/cg226285e/anaconda/envs/sleap_downgraded/lib/python3.7/site-packages (from imgaug==0.4.0->sleap==1.2.3->-r /home/cg226285e/sleap/condaenv.5o9fsb0x.requirements.txt (line 1)) (1.16.0)

Requirement already satisfied: Shapely in /home/cg226285e/anaconda/envs/sleap_downgraded/lib/python3.7/site-packages (from imgaug==0.4.0->sleap==1.2.3->-r /home/cg226285e/sleap/condaenv.5o9fsb0x.requirements.txt (line 1)) (1.7.1)

Requirement already satisfied: python-dateutil in /home/cg226285e/anaconda/envs/sleap_downgraded/lib/python3.7/site-packages (from imgstore==0.2.9->sleap==1.2.3->-r /home/cg226285e/sleap/condaenv.5o9fsb0x.requirements.txt (line 1)) (2.8.2)

Requirement already satisfied: pytz in /home/cg226285e/anaconda/envs/sleap_downgraded/lib/python3.7/site-packages (from imgstore==0.2.9->sleap==1.2.3->-r /home/cg226285e/sleap/condaenv.5o9fsb0x.requirements.txt (line 1)) (2021.3)

Collecting tzlocal

Using cached tzlocal-4.2-py3-none-any.whl (19 kB)

Collecting pygments<3.0.0,>=2.6.0

Using cached Pygments-2.12.0-py3-none-any.whl (1.1 MB)

Collecting commonmark<0.10.0,>=0.9.0

Using cached commonmark-0.9.1-py2.py3-none-any.whl (51 kB)

Collecting joblib>=0.11

Using cached joblib-1.1.0-py2.py3-none-any.whl (306 kB)

Collecting threadpoolctl>=2.0.0

Using cached threadpoolctl-3.1.0-py3-none-any.whl (14 kB)

Collecting efficientnet==1.0.0

Using cached efficientnet-1.0.0-py3-none-any.whl (17 kB)

Collecting image-classifiers==1.0.0

Using cached image_classifiers-1.0.0-py3-none-any.whl (19 kB)

Collecting keras-applications<=1.0.8,>=1.0.7

Using cached Keras_Applications-1.0.8-py3-none-any.whl (50 kB)

Collecting tensorflow==2.3.*

Using cached tensorflow-2.3.3-cp37-cp37m-manylinux2010_x86_64.whl (320.5 MB)

Using cached tensorflow-2.3.2-cp37-cp37m-manylinux2010_x86_64.whl (320.4 MB)

Using cached tensorflow-2.3.1-cp37-cp37m-manylinux2010_x86_64.whl (320.4 MB)

Using cached tensorflow-2.3.0-cp37-cp37m-manylinux2010_x86_64.whl (320.4 MB)

INFO: pip is looking at multiple versions of segmentation-models to determine which version is compatible with other requirements. This could take a while.

INFO: pip is looking at multiple versions of scikit-learn to determine which version is compatible with other requirements. This could take a while.

Collecting scikit-learn==1.0.*

Using cached scikit_learn-1.0.1-cp37-cp37m-manylinux_2_12_x86_64.manylinux2010_x86_64.whl (23.2 MB)

Using cached scikit_learn-1.0-cp37-cp37m-manylinux_2_12_x86_64.manylinux2010_x86_64.whl (23.1 MB)

INFO: pip is looking at multiple versions of rich to determine which version is compatible with other requirements. This could take a while.

INFO: pip is looking at multiple versions of pykalman to determine which version is compatible with other requirements. This could take a while.

INFO: pip is looking at multiple versions of jsonpickle to determine which version is compatible with other requirements. This could take a while.

INFO: pip is looking at multiple versions of imgstore to determine which version is compatible with other requirements. This could take a while.

INFO: pip is looking at multiple versions of imgaug to determine which version is compatible with other requirements. This could take a while.

INFO: pip is looking at multiple versions of cattrs to determine which version is compatible with other requirements. This could take a while.

INFO: pip is looking at multiple versions of attr to determine which version is compatible with other requirements. This could take a while.

INFO: pip is looking at multiple versions of sleap to determine which version is compatible with other requirements. This could take a while.

INFO: pip is looking at multiple versions of click to determine which version is compatible with other requirements. This could take a while.

INFO: pip is looking at multiple versions of jedi to determine which

version is compatible with other requirements. This could take a while.
INFO: pip is looking at multiple versions of twine to determine which version is compatible with other requirements. This could take a while.
INFO: pip is looking at multiple versions of black to determine which version is compatible with other requirements. This could take a while.
INFO: pip is looking at multiple versions of myst-parser to determine which version is compatible with other requirements. This could take a while.

INFO: pip is looking at multiple versions of myst-nb to determine which version is compatible with other requirements. This could take a while.

INFO: pip is looking at multiple versions of <Python from Requires-Python> to determine which version is compatible with other requirements. This could take a while.

INFO: pip is looking at multiple versions of nbformat to determine which version is compatible with other requirements. This could take a while.

The conflict is caused by:

sleap 1.2.3 depends on numpy<=1.21.5 and >=1.19.5

imgaug 0.4.0 depends on numpy>=1.15

imgstore 0.2.9 depends on numpy

scikit-learn 1.0 depends on numpy>=1.14.6

tensorflow 2.3.4 depends on numpy<1.19.0 and >=1.16.0

sleap 1.2.3 depends on numpy<=1.21.5 and >=1.19.5

imgaug 0.4.0 depends on numpy>=1.15

imgstore 0.2.9 depends on numpy

scikit-learn 1.0 depends on numpy>=1.14.6

tensorflow 2.3.3 depends on numpy<1.19.0 and >=1.16.0

sleap 1.2.3 depends on numpy<=1.21.5 and >=1.19.5

imgaug 0.4.0 depends on numpy>=1.15

imgstore 0.2.9 depends on numpy

scikit-learn 1.0 depends on numpy>=1.14.6

tensorflow 2.3.2 depends on numpy<1.19.0 and >=1.16.0

sleap 1.2.3 depends on numpy<=1.21.5 and >=1.19.5

imgaug 0.4.0 depends on numpy>=1.15

imgstore 0.2.9 depends on numpy

scikit-learn 1.0 depends on numpy>=1.14.6

tensorflow 2.3.1 depends on numpy<1.19.0 and >=1.16.0

sleap 1.2.3 depends on numpy<=1.21.5 and >=1.19.5

imgaug 0.4.0 depends on numpy>=1.15

imgstore 0.2.9 depends on numpy
scikit-learn 1.0 depends on numpy>=1.14.6
tensorflow 2.3.0 depends on numpy<1.19.0 and >=1.16.0

To fix this you could try to:

1. loosen the range of package versions you've specified
2. remove package versions to allow pip attempt to solve the dependency conflict

Pip subprocess error:

ERROR: Cannot install -r /home/cg226285e/sleap/
condaenv.5o9fsb0x.requirements.txt (line 1) and sleap because these
package versions have conflicting dependencies.

ERROR: ResolutionImpossible: for help visit [https://pip.pypa.io/en/latest/
topics/dependency-resolution/#dealing-with-dependency-conflicts](https://pip.pypa.io/en/latest/topics/dependency-resolution/#dealing-with-dependency-conflicts)

failed

CondaEnvException: Pip failed