

MlModel

December 11, 2022

0.1 Zjazd 5 - 03.12.2022 - Cezary Graban s21752, Paweł Iwiński s19771

0.1.1 Podstawowe użycie sieci neuronowych - warstwy konwolucyjne, głębokie, dropout, etc...

Dataset 1 - Sonar Dataset - The Sonar Dataset involves the prediction of whether or not an object is a mine or a rock given the strength of sonar returns at different angles. source: <https://www.kaggle.com/datasets/ypzhangsam/sonaralldata>

Dataset 2 - CIFAR10 - The CIFAR-10 dataset is a collection of images that are commonly used to train machine learning. CIFAR-10 dataset contains 60,000 32x32 color images in 10 different classes. The 10 different classes represent airplanes, cars, birds, cats, deer, dogs, frogs, horses, ships, and trucks. source: <https://www.kaggle.com/c/cifar-10>

Dataset 3 - Fashion MNIST - Fashion-MNIST is a dataset of Zalando's article images—consisting of a training set of 60,000 examples and a test set of 10,000 examples. Each example is a 28x28 grayscale image, associated with a label from 10 classes. source: <https://www.kaggle.com/datasets/zalando-research/fashionmnist>

Dataset 4 - Tweets - Determining if the tweet is a positive or negative tweet source: `from snsrape.modules.twitter import TwitterHashtagScraper`

Importy

```
[ ]: %%capture
import sys
import os

!{sys.executable} -m pip install wordcloud
!{sys.executable} -m pip install numpy
!{sys.executable} -m pip install snsrape
!{sys.executable} -m pip install nbconvert
!{sys.executable} -m pip install langdetect
!{sys.executable} -m pip install --upgrade tensorflow==1.15
!{sys.executable} -m pip install plotly
!{sys.executable} -m pip install cufflinks
!{sys.executable} -m pip install numpy==1.19.5
```

```

import nltk
from nltk.tokenize import word_tokenize, TweetTokenizer
from nltk.corpus import stopwords
from nltk.stem import WordNetLemmatizer

nltk.download('wordnet')
nltk.download('vader_lexicon')

import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import tensorflow as tf
import re
from tensorflow.keras.utils import to_categorical
from tensorflow.keras.models import Sequential
from tensorflow.keras.layers import Dense, Conv2D, MaxPool2D, Flatten,   

↳BatchNormalization, Dropout, MaxPooling2D
from tensorflow.keras.callbacks import EarlyStopping, ModelCheckpoint
from tensorflow.keras.preprocessing.text import Tokenizer
from tensorflow.keras import layers
from collections import Counter
from langdetect import detect
from wordcloud import WordCloud
from sklearn.metrics import confusion_matrix
from itertools import product
from sklearn.preprocessing import StandardScaler, LabelEncoder
from sklearn.utils import shuffle
from sklearn.model_selection import train_test_split
import plotly.graph_objects as go
from sklearn.svm import SVC
from sklearn.metrics import accuracy_score
from sklearn.tree import DecisionTreeClassifier

import seaborn as sns
import matplotlib.pyplot as plt
from tensorflow.keras.preprocessing.sequence import pad_sequences
from wordcloud import WordCloud, STOPWORDS
from IPython.core.display import display, HTML
import nltk
from nltk.corpus import stopwords
from nltk.stem.porter import PorterStemmer
import cufflinks as cf

from nltk.sentiment.vader import SentimentIntensityAnalyzer
from snsrape.modules.twitter import TwitterHashtagScraper

```

```

from sklearn.feature_extraction.text import CountVectorizer
from sklearn.metrics.pairwise import cosine_similarity
from sklearn.feature_extraction.text import TfidfVectorizer

f = plt.figure()
f.set_figwidth(6)
f.set_figheight(6)

```

0.1.2 1. Dataset 1 - Sonar dataset

1.1 Load the data into dataframe

```

[ ]: new_column_names = []
    for i in range(60):
        new_column_names.append(f"Feature {i}")

    new_column_names.append("Class")
    df = pd.read_csv('sonar.all-data.csv', names=new_column_names)
    train = df.replace({'Class': {'M': 0, 'R': 1}})
    x = train.drop("Class",axis=1)
    y = train['Class']
    scaler = StandardScaler()
    x = scaler.fit_transform(x)
    df

```

```

[ ]:
    Feature 0  Feature 1  Feature 2  Feature 3  Feature 4  Feature 5  \
0      0.0200    0.0371    0.0428    0.0207    0.0954    0.0986
1      0.0453    0.0523    0.0843    0.0689    0.1183    0.2583
2      0.0262    0.0582    0.1099    0.1083    0.0974    0.2280
3      0.0100    0.0171    0.0623    0.0205    0.0205    0.0368
4      0.0762    0.0666    0.0481    0.0394    0.0590    0.0649
..      ...      ...      ...      ...      ...      ...
203    0.0187    0.0346    0.0168    0.0177    0.0393    0.1630
204    0.0323    0.0101    0.0298    0.0564    0.0760    0.0958
205    0.0522    0.0437    0.0180    0.0292    0.0351    0.1171
206    0.0303    0.0353    0.0490    0.0608    0.0167    0.1354
207    0.0260    0.0363    0.0136    0.0272    0.0214    0.0338

    Feature 6  Feature 7  Feature 8  Feature 9  ...  Feature 51  Feature 52  \
0      0.1539    0.1601    0.3109    0.2111  ...      0.0027    0.0065
1      0.2156    0.3481    0.3337    0.2872  ...      0.0084    0.0089
2      0.2431    0.3771    0.5598    0.6194  ...      0.0232    0.0166
3      0.1098    0.1276    0.0598    0.1264  ...      0.0121    0.0036
4      0.1209    0.2467    0.3564    0.4459  ...      0.0031    0.0054
..      ...      ...      ...      ...  ...      ...      ...
203    0.2028    0.1694    0.2328    0.2684  ...      0.0116    0.0098
204    0.0990    0.1018    0.1030    0.2154  ...      0.0061    0.0093
205    0.1257    0.1178    0.1258    0.2529  ...      0.0160    0.0029

```

206	0.1465	0.1123	0.1945	0.2354	...	0.0086	0.0046
207	0.0655	0.1400	0.1843	0.2354	...	0.0146	0.0129

	Feature 53	Feature 54	Feature 55	Feature 56	Feature 57	Feature 58	\
0	0.0159	0.0072	0.0167	0.0180	0.0084	0.0090	
1	0.0048	0.0094	0.0191	0.0140	0.0049	0.0052	
2	0.0095	0.0180	0.0244	0.0316	0.0164	0.0095	
3	0.0150	0.0085	0.0073	0.0050	0.0044	0.0040	
4	0.0105	0.0110	0.0015	0.0072	0.0048	0.0107	
..	
203	0.0199	0.0033	0.0101	0.0065	0.0115	0.0193	
204	0.0135	0.0063	0.0063	0.0034	0.0032	0.0062	
205	0.0051	0.0062	0.0089	0.0140	0.0138	0.0077	
206	0.0126	0.0036	0.0035	0.0034	0.0079	0.0036	
207	0.0047	0.0039	0.0061	0.0040	0.0036	0.0061	

	Feature 59	Class
0	0.0032	R
1	0.0044	R
2	0.0078	R
3	0.0117	R
4	0.0094	R
..
203	0.0157	M
204	0.0067	M
205	0.0031	M
206	0.0048	M
207	0.0115	M

[208 rows x 61 columns]

1.2 Parse the data to meet the required model requirements

```
[ ]: def one_hot_encode(labels):
    """Apply one-hot encoding for the labels in dataset.

    Args:
        labels (dataframe): Labels that are meant to be mapped. *Disclaimer can
        be passed as numpy array or pd series in ndim is met.

    Returns:
        dataframe: encoded labels
    """
    n_labels = len(labels)
    n_unique_labels = len(np.unique(labels))
    one_hot_encode = np.zeros((n_labels,n_unique_labels))
    one_hot_encode[np.arange(n_labels), labels] = 1
```

```

        return one_hot_encode

X=df[df.columns[1:60]].values
y=df[df.columns[60]]
encoder = LabelEncoder()
encoder.fit(y)
y = encoder.transform(y)
Y = one_hot_encode(y)
X,Y = shuffle(X,Y,random_state=1)

train_x, test_x, train_y, test_y = train_test_split(X,Y,test_size=0.20,
↳random_state=42)

```

1.3 Model definition

```

[ ]: sess=tf.Session()
learning_rate = 0.1
training_epochs = 145
cost_history = np.empty(shape=[1],dtype=float)
n_dim = X.shape[1]
n_class = 2
x = tf.placeholder(tf.float32,[None,n_dim])
W = tf.Variable(tf.zeros([n_dim,n_class]))
b = tf.Variable(tf.zeros([n_class]))
init = tf.global_variables_initializer()

# Funkcja kosztu
y_ = tf.placeholder(tf.float32,[None,n_class])
y = tf.nn.softmax(tf.matmul(x, W)+ b)
cost_function = tf.reduce_mean(-tf.reduce_sum((y_ * tf.
↳log(y)),reduction_indices=[1]))
training_step = tf.train.GradientDescentOptimizer(learning_rate).
↳minimize(cost_function)

sess = tf.Session()
sess.run(init)
mse_history = []

```

1.4 Training and plotting

```

[ ]: sess=tf.Session()
learning_rate = 0.1
training_epochs = 145
cost_history = np.empty(shape=[1],dtype=float)
n_dim = X.shape[1]
n_class = 2
x = tf.placeholder(tf.float32,[None,n_dim])

```

```

W = tf.Variable(tf.zeros([n_dim,n_class]))
b = tf.Variable(tf.zeros([n_class]))
init = tf.global_variables_initializer()

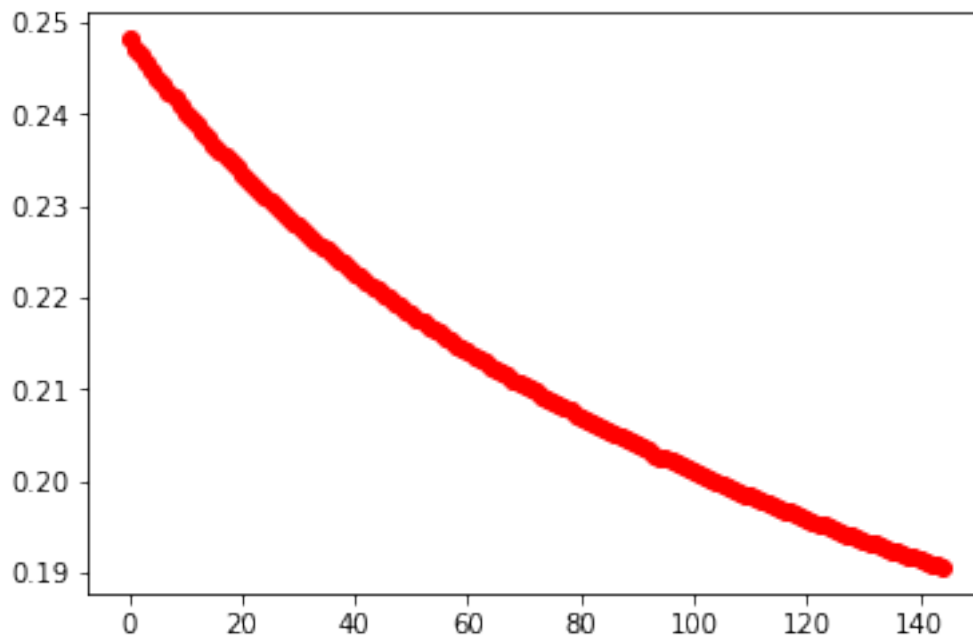
# Funkcja kosztu
y_ = tf.placeholder(tf.float32,[None,n_class])
y = tf.nn.softmax(tf.matmul(x, W)+ b)
cost_function = tf.reduce_mean(-tf.reduce_sum((y_ * tf.
    ↪log(y)),reduction_indices=[1]))
training_step = tf.train.GradientDescentOptimizer(learning_rate).
    ↪minimize(cost_function)

sess = tf.Session()
sess.run(init)
mse_history = []

for epoch in range(training_epochs):
    sess.run(training_step,feed_dict={x:train_x,y_:train_y})
    cost = sess.run(cost_function,feed_dict={x: train_x,y_: train_y})
    cost_history = np.append(cost_history,cost)
    pred_y = sess.run(y, feed_dict={x: test_x})
    mse = tf.reduce_mean(tf.square(pred_y - test_y))
    mse_history.append(sess.run(mse))

plt.plot(mse_history, 'ro-')
plt.show()

```



1.5 Predictions using SVM and decision trees

```
[ ]: def calculate_accuracy(x, y, svm_kernel="linear"):
    """Calculate the accuracy for a given data and labels.

    Args:
        x (dataframe): Dataframe containing info.
        y (dataframe): Labels for classification
        svm_kernel (str, optional): Kernel used for SVM. Defaults to "linear".
    """

    x_train, x_test, y_train, y_test = train_test_split(x, y, test_size = 0.33,
↪stratify=y)
    svc = SVC(kernel=svm_kernel)
    svc.fit(x_train, y_train)
    y_pred_svc = svc.predict(x_test)
    svc_accuracy = round(accuracy_score(y_test, y_pred_svc)*100, 8)
    print(f"SVM Kernel used: {svm_kernel}")
    print('SVC accuracy = ', svc_accuracy, '%')

    clf = DecisionTreeClassifier()
    clf = clf.fit(x_train, y_train)
    y_pred = clf.predict(x_test)
    print("Decision tree accuracy:", round(accuracy_score(y_test, y_pred)*100,
↪8))
    print("\n")

    new_column_names = []
    for i in range(60):
        new_column_names.append(f"Feature {i}")

    new_column_names.append("Class")
    df = pd.read_csv('sonar.all-data.csv', names=new_column_names)
    train = df.replace({'Class': {'M': 0, 'R': 1}})
    x = train.drop("Class",axis=1)
    y = train['Class']
    scaler = StandardScaler()
    x = scaler.fit_transform(x)

    calculate_accuracy(x, y, svm_kernel="linear")
    calculate_accuracy(x, y, svm_kernel="rbf")
    calculate_accuracy(x, y, svm_kernel="sigmoid")
```

SVM Kernel used: linear

SVC accuracy = 72.46376812 %

Decision tree accuracy: 71.01449275

```
SVM Kernel used: rbf
SVC accuracy = 85.50724638 %
Decision tree accuracy: 71.01449275
```

```
SVM Kernel used: sigmoid
SVC accuracy = 79.71014493 %
Decision tree accuracy: 69.56521739
```

```
c:\Users\Pawel\Anaconda3\lib\site-packages\sklearn\svm\base.py:193:
FutureWarning:
```

The default value of gamma will change from 'auto' to 'scale' in version 0.22 to account better for unscaled features. Set gamma explicitly to 'auto' or 'scale' to avoid this warning.

```
c:\Users\Pawel\Anaconda3\lib\site-packages\sklearn\svm\base.py:193:
FutureWarning:
```

The default value of gamma will change from 'auto' to 'scale' in version 0.22 to account better for unscaled features. Set gamma explicitly to 'auto' or 'scale' to avoid this warning.

1.6 Accuracy metrics for mlModel

```
[ ]: correct_prediction = tf.equal(tf.argmax(pred_y,1), tf.argmax(test_y,1))
      accuracy = tf.reduce_mean(tf.cast(correct_prediction, tf.float32))
      print(f"Accuracy is equal to : {sess.run(accuracy)}%")
```

Accuracy is equal to : 0.738095223903656%

Dataset 2 - CIFAR10

2.1 Download the dataset

```
[ ]: from tensorflow.keras.datasets import cifar10
      (X_train,y_train) , (X_test, y_test) = cifar10.load_data()
```

2.2 Process the dataset

```
[ ]: X_train = X_train/255
      X_test = X_test/255
      y_cat_train = to_categorical(y_train, 10)
      y_cat_test = to_categorical(y_test, 10)
```


2.3.1 Train the model -> simple model

```
[ ]: simple_model = Sequential()

simple_model.add(Conv2D(filters = 32, kernel_size = (4,4), input_shape = (32, 32, 3), activation = "relu"))
simple_model.add(MaxPool2D(pool_size = (2,2)))

simple_model.add(Conv2D(filters = 64, kernel_size = (4,4), input_shape = (32, 32, 3), activation = "relu"))
simple_model.add(MaxPool2D(pool_size = (2,2)))

simple_model.add(Flatten())

simple_model.add(Dense(512, activation = "relu"))
simple_model.add(Dense(256, activation = "relu"))
simple_model.add(Dense(128, activation = "relu"))

simple_model.add(Dense(10, activation = "softmax"))

simple_model.compile(loss = "categorical_crossentropy", optimizer = "adam", metrics = ["accuracy"])
early_stop = EarlyStopping(monitor = "val_loss", patience = 2)
simple_model.fit(X_train, y_cat_train, validation_data = (X_test, y_cat_test), epochs = 15, callbacks = [early_stop])
```

Train on 50000 samples, validate on 10000 samples

Epoch 1/15

50000/50000 [=====] - 40s 799us/sample - loss: 1.5152 - acc: 0.4452 - val_loss: 1.2873 - val_acc: 0.5403

Epoch 2/15

50000/50000 [=====] - 40s 802us/sample - loss: 1.1259 - acc: 0.6023 - val_loss: 1.0897 - val_acc: 0.6264

Epoch 3/15

50000/50000 [=====] - 40s 792us/sample - loss: 0.9408 - acc: 0.6700 - val_loss: 0.9959 - val_acc: 0.6537

Epoch 4/15

50000/50000 [=====] - 40s 791us/sample - loss: 0.7962 - acc: 0.7216 - val_loss: 1.0589 - val_acc: 0.6462

Epoch 5/15

50000/50000 [=====] - 39s 777us/sample - loss: 0.6709 - acc: 0.7645 - val_loss: 0.9468 - val_acc: 0.6848

Epoch 6/15

50000/50000 [=====] - 43s 853us/sample - loss: 0.5625 - acc: 0.8043 - val_loss: 1.0138 - val_acc: 0.6835

Epoch 7/15

50000/50000 [=====] - 42s 838us/sample - loss: 0.4568 - acc: 0.8398 - val_loss: 1.1175 - val_acc: 0.6733

```
[ ]: <tensorflow.python.keras.callbacks.History at 0x2919ac9eb08>
```

2.3.2 Train model -> more advanced model

```
[ ]: advanced_model = Sequential()

advanced_model.add(Conv2D(filters = 32, kernel_size = (4,4), input_shape = (32, 32, 3), activation = "relu"))
advanced_model.add(MaxPool2D(pool_size = (2,2)))

advanced_model.add(Conv2D(filters = 64, kernel_size = (4,4), input_shape = (32, 32, 3), activation = "relu"))
advanced_model.add(MaxPool2D(pool_size = (2,2)))

advanced_model.add(Flatten())

advanced_model.add(Dense(512, activation = "relu"))
advanced_model.add(Dense(368, activation = "relu"))
advanced_model.add(Dense(256, activation = "relu"))
advanced_model.add(Dropout(0.4))
advanced_model.add(Dense(128, activation = "relu"))
advanced_model.add(Dense(64, activation = "relu"))

advanced_model.add(Dense(10, activation = "softmax"))

advanced_model.compile(loss = "categorical_crossentropy", optimizer = "adam", metrics = ["accuracy"])
early_stop = EarlyStopping(monitor = "val_loss", patience = 2)
advanced_model.fit(X_train, y_cat_train, validation_data = (X_test, y_cat_test), epochs = 15, callbacks = [early_stop])
```

Train on 50000 samples, validate on 10000 samples

Epoch 1/15

50000/50000 [=====] - 44s 882us/sample - loss: 1.6341 - acc: 0.3890 - val_loss: 1.4942 - val_acc: 0.4890

Epoch 2/15

50000/50000 [=====] - 42s 841us/sample - loss: 1.2395 - acc: 0.5652 - val_loss: 1.2058 - val_acc: 0.5813

Epoch 3/15

50000/50000 [=====] - 44s 880us/sample - loss: 1.0490 - acc: 0.6381 - val_loss: 1.0657 - val_acc: 0.6339

Epoch 4/15

50000/50000 [=====] - 43s 850us/sample - loss: 0.9020 - acc: 0.6928 - val_loss: 1.0495 - val_acc: 0.6503

Epoch 5/15

50000/50000 [=====] - 43s 854us/sample - loss: 0.7802 - acc: 0.7346 - val_loss: 1.0581 - val_acc: 0.6481

Epoch 6/15

```
50000/50000 [=====] - 43s 851us/sample - loss: 0.6613 -  
acc: 0.7736 - val_loss: 1.0864 - val_acc: 0.6654
```

```
[ ]: <tensorflow.python.keras.callbacks.History at 0x291a5ff97c8>
```

2.4.1 Metrics and accuracy for simple model

```
[ ]: metrics = pd.DataFrame(simple_model.history.history)  
metrics
```

```
[ ]:      loss      acc  val_loss  val_acc  
0  1.515241  0.44524  1.287343  0.5403  
1  1.125881  0.60234  1.089656  0.6264  
2  0.940773  0.67000  0.995947  0.6537  
3  0.796204  0.72158  1.058904  0.6462  
4  0.670896  0.76454  0.946812  0.6848  
5  0.562493  0.80434  1.013834  0.6835  
6  0.456819  0.83982  1.117503  0.6733
```

2.4.1 Metrics and accuracy for advanced model

```
[ ]: metrics = pd.DataFrame(advanced_model.history.history)  
metrics
```

```
[ ]:      loss      acc  val_loss  val_acc  
0  1.634062  0.38904  1.494192  0.4890  
1  1.239473  0.56524  1.205834  0.5813  
2  1.049030  0.63808  1.065720  0.6339  
3  0.902034  0.69282  1.049542  0.6503  
4  0.780227  0.73458  1.058148  0.6481  
5  0.661311  0.77358  1.086442  0.6654
```

Dataset 3 - Fashion MNIST

3.1 Download dataset

```
[ ]: %%capture  
from tensorflow.keras.datasets import fashion_mnist  
(x_train, y_train), (x_test, y_test) = fashion_mnist.load_data()
```

3.2 Parse dataset

```
[ ]: x_train = x_train.reshape(x_train.shape[0], 28, 28, 1)  
x_test = x_test.reshape(x_test.shape[0], 28, 28, 1)  
  
x_train = x_train/255.  
x_test = x_test/255.  
  
y_train = to_categorical(y_train,10)
```

```
y_test = to_categorical(y_test,10)
```

3.3 Train model

```
[ ]: model = Sequential()
model.add(Conv2D(32, kernel_size=3, activation='relu',
    ↳input_shape=(28,28,1),padding='same'))
model.add(BatchNormalization())
model.add(Dropout(0.2))
model.add(Conv2D(32, kernel_size=3, activation='relu',padding='same'))
model.add(Dropout(0.2))
model.add(Conv2D(24, kernel_size=3, activation='relu',padding='same'))
model.add(Dropout(0.2))
model.add(Conv2D(64, kernel_size=3, activation='relu',padding='same'))
model.add(MaxPooling2D(pool_size=(2,2)))
model.add(Dropout(0.2))
model.add(Flatten())
model.add(Dense(128, activation='relu'))
model.add(Dropout(0.3))
model.add(Dense(10, activation='softmax'))

model.compile(optimizer='adam', metrics=['accuracy'],
    ↳loss='categorical_crossentropy')
callback_list=[ModelCheckpoint(filepath="model.h5", monitor='val_acc',
    ↳save_best_only=True, mode='max')]

model.
    ↳fit(x_train,y_train,validation_data=(x_test,y_test),batch_size=128,epochs=6,verbose=1,callb
```

Train on 60000 samples, validate on 10000 samples

Epoch 1/6

60000/60000 [=====] - 177s 3ms/sample - loss: 0.5990 -
acc: 0.7933 - val_loss: 0.5636 - val_acc: 0.8830

Epoch 2/6

60000/60000 [=====] - 177s 3ms/sample - loss: 0.3436 -
acc: 0.8757 - val_loss: 0.2773 - val_acc: 0.8994

Epoch 3/6

60000/60000 [=====] - 174s 3ms/sample - loss: 0.2917 -
acc: 0.8935 - val_loss: 0.2435 - val_acc: 0.9098

Epoch 4/6

60000/60000 [=====] - 170s 3ms/sample - loss: 0.2590 -
acc: 0.9044 - val_loss: 0.2550 - val_acc: 0.9043

Epoch 5/6

60000/60000 [=====] - 177s 3ms/sample - loss: 0.2391 -
acc: 0.9108 - val_loss: 0.2232 - val_acc: 0.9162

Epoch 6/6

60000/60000 [=====] - 171s 3ms/sample - loss: 0.2249 -
acc: 0.9173 - val_loss: 0.2362 - val_acc: 0.9158

```
[ ]: <tensorflow.python.keras.callbacks.History at 0x291a67abc88>
```

3.4 Evaluate model

```
[ ]: model.evaluate(x_test,y_test)
```

```
10000/10000 [=====] - 5s 517us/sample - loss: 0.2362 -  
acc: 0.9158
```

```
[ ]: [0.2361751497745514, 0.9158]
```

3.4 Metrics and accuracy

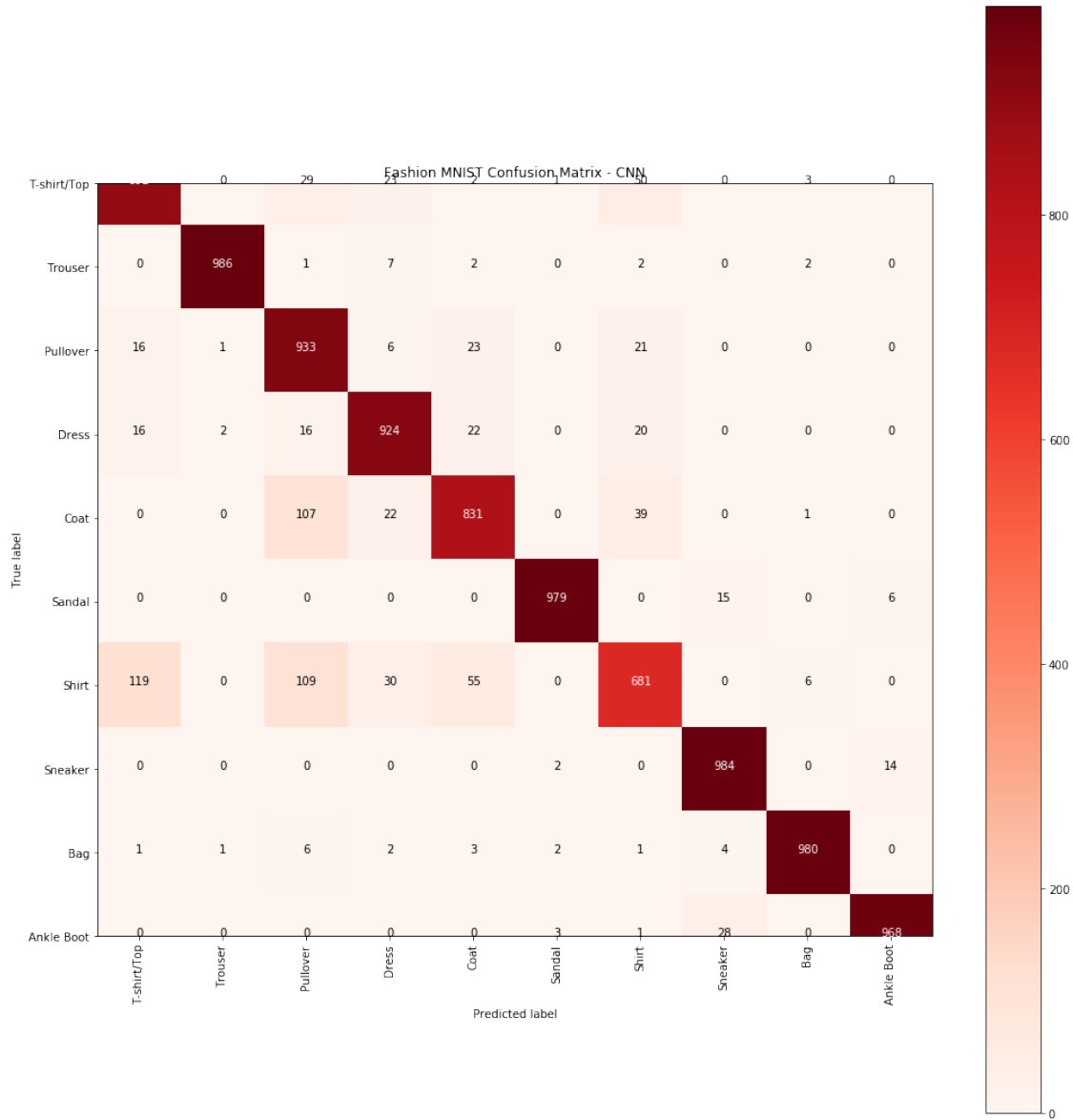
```
[ ]: metrics = pd.DataFrame(model.history.history)  
metrics
```

```
[ ]:      loss      acc  val_loss  val_acc  
0  0.599018  0.793300  0.563556   0.8830  
1  0.343565  0.875683  0.277272   0.8994  
2  0.291661  0.893450  0.243479   0.9098  
3  0.259030  0.904417  0.254980   0.9043  
4  0.239107  0.910833  0.223165   0.9162  
5  0.224885  0.917333  0.236175   0.9158
```

3.5 Confusion matrix

```
[ ]: classes = ['T-shirt/  
↳Top', 'Trouser', 'Pullover', 'Dress', 'Coat', 'Sandal', 'Shirt', 'Sneaker', 'Bag', 'Ankle_↳  
↳Boot']  
  
preds = model.predict(x_test)  
cm = confusion_matrix(np.argmax(y_test,axis=1), np.argmax(preds,axis=1))  
  
plt.figure(figsize=(14,14))  
plt.imshow(cm,cmap=plt.cm.Reds)  
plt.title('Fashion MNIST Confusion Matrix - CNN')  
plt.colorbar()  
plt.xticks(np.arange(10), classes, rotation=90)  
plt.yticks(np.arange(10), classes)  
  
for i, j in product(range(cm.shape[0]), range(cm.shape[1])):  
    plt.text(j, i, cm[i, j],  
             horizontalalignment="center",  
             color="white" if cm[i, j] > 500 else "black")  
  
plt.tight_layout()  
plt.ylabel('True label')  
plt.xlabel('Predicted label')
```

```
[ ]: Text(0.5, 160.41299999999993, 'Predicted label')
```



Dataset 4 - Twitter

4.1.1 Download Tweets

```
[ ]: max_tweets = 10000
attributes_container = []
hashtag_scraper = TwitterHashtagScraper("#ukraine")
generator = hashtag_scraper.get_items()
tweets = [next(generator) for _ in range(max_tweets)]
for tweet in tweets:
```

```

        attributes_container.append([tweet.date, tweet.url, tweet.content, tweet.
↪id])

tweets_df = pd.DataFrame(attributes_container, columns=["date", "URL", "
↪content", "id"])
tweets_df.to_csv("twitter_data.csv")
tweets_df.head()

```

```

[ ]:
      date \
0 2022-12-10 23:06:14+00:00
1 2022-12-10 23:06:13+00:00
2 2022-12-10 23:06:13+00:00
3 2022-12-10 23:06:03+00:00
4 2022-12-10 23:06:02+00:00

      URL \
0 https://twitter.com/vbl68/status/1601714937360...
1 https://twitter.com/JmyLss/status/160171493550...
2 https://twitter.com/gplaucio/status/1601714934...
3 https://twitter.com/Vierotchka/status/16017148...
4 https://twitter.com/FuckPutinBot/status/160171...

      content      id
0 Ukrainian Drone Drops grenade Into Russian Sol... 1601714937360920577
1 Des #Ukrainiens abandonnent leurs compagnons d... 1601714935507349504
2      #ukraine\nhttps://t.co/sHh1vbPnXY 1601714934878175233
3 @afshinrattansi So why do they continue pumpin... 1601714890938667008
4 Joan zaitez zeure burua, Putin!\n(Basque)\n\n#... 1601714890531553282

```

4.1.2 If datasets were downlaoded simply load them

```

[ ]: train = pd.read_csv('train.csv')
      test = pd.read_csv('test.csv')

```

4.2 Data preprocessing

```

[ ]: X_train, X_test, y_train, y_test = train_test_split(train[['text']].values,
↪train[['target']], test_size=0.2, random_state=2012)

```

4.3 Word tokenization

```

[ ]: tokenizer = Tokenizer()

vocab_size = 10000
tokenizer = Tokenizer(num_words=vocab_size, oov_token='<OOV>')
tokenizer.fit_on_texts(X_train[:,0])
text_length = []
for line in X_train[:,0]:

```

```

        text_length.append(len(line.split()))
text_length = np.array(text_length)
max_len = 20

X_seq_train = pad_sequences(tokenizer.texts_to_sequences(X_train[:, 0]),
                             padding='post', maxlen=max_len)
X_seq_test = pad_sequences(tokenizer.texts_to_sequences(X_test[:, 0]),
                             padding='post', maxlen=max_len)

```

4.4 Create model

```

[ ]: sequence = tf.keras.Input(shape=(max_len,))
embeddings = layers.Embedding(vocab_size, 16)(sequence)

pooling = layers.GlobalAveragePooling1D()(embeddings)
output = layers.Dense(1, activation='sigmoid')(pooling)
model = tf.keras.Model(inputs=sequence, outputs=output)
model.compile(optimizer="adam",
              loss='mae',
              metrics=['accuracy'])

model.summary()
model.fit(X_seq_train, y_train,
        epochs=21,
        validation_data=(X_seq_test, y_test))
model.compile(loss='binary_crossentropy', optimizer='adam', metrics=['accuracy'])

```

Model: "model_2"

Layer (type)	Output Shape	Param #
input_3 (InputLayer)	[(None, 20)]	0
embedding_2 (Embedding)	(None, 20, 16)	160000
global_average_pooling1d_2 ((None, 16)		0
dense_14 (Dense)	(None, 1)	17

Total params: 160,017

Trainable params: 160,017

Non-trainable params: 0

Train on 6090 samples, validate on 1523 samples

Epoch 1/21

6090/6090 [=====] - 1s 101us/sample - loss: 0.4786 -
acc: 0.6146 - val_loss: 0.4520 - val_acc: 0.6014

Epoch 2/21

6090/6090 [=====] - 0s 60us/sample - loss: 0.4183 -
acc: 0.6468 - val_loss: 0.4007 - val_acc: 0.6376
Epoch 3/21
6090/6090 [=====] - 0s 60us/sample - loss: 0.3676 -
acc: 0.6982 - val_loss: 0.3622 - val_acc: 0.6842
Epoch 4/21
6090/6090 [=====] - 0s 61us/sample - loss: 0.3254 -
acc: 0.7351 - val_loss: 0.3289 - val_acc: 0.7282
Epoch 5/21
6090/6090 [=====] - 0s 59us/sample - loss: 0.2902 -
acc: 0.7742 - val_loss: 0.3037 - val_acc: 0.7466
Epoch 6/21
6090/6090 [=====] - 0s 58us/sample - loss: 0.2614 -
acc: 0.7966 - val_loss: 0.2849 - val_acc: 0.7669
Epoch 7/21
6090/6090 [=====] - 0s 61us/sample - loss: 0.2374 -
acc: 0.8184 - val_loss: 0.2705 - val_acc: 0.7794
Epoch 8/21
6090/6090 [=====] - 0s 61us/sample - loss: 0.2176 -
acc: 0.8369 - val_loss: 0.2596 - val_acc: 0.7853
Epoch 9/21
6090/6090 [=====] - 0s 60us/sample - loss: 0.2010 -
acc: 0.8486 - val_loss: 0.2510 - val_acc: 0.7892
Epoch 10/21
6090/6090 [=====] - 0s 66us/sample - loss: 0.1868 -
acc: 0.8570 - val_loss: 0.2446 - val_acc: 0.7932
Epoch 11/21
6090/6090 [=====] - 0s 59us/sample - loss: 0.1747 -
acc: 0.8685 - val_loss: 0.2392 - val_acc: 0.7925
Epoch 12/21
6090/6090 [=====] - 0s 59us/sample - loss: 0.1639 -
acc: 0.8742 - val_loss: 0.2356 - val_acc: 0.8004
Epoch 13/21
6090/6090 [=====] - 0s 63us/sample - loss: 0.1549 -
acc: 0.8814 - val_loss: 0.2310 - val_acc: 0.8011
Epoch 14/21
6090/6090 [=====] - 0s 62us/sample - loss: 0.1466 -
acc: 0.8870 - val_loss: 0.2280 - val_acc: 0.8011
Epoch 15/21
6090/6090 [=====] - 0s 63us/sample - loss: 0.1389 -
acc: 0.8924 - val_loss: 0.2258 - val_acc: 0.8017
Epoch 16/21
6090/6090 [=====] - 0s 60us/sample - loss: 0.1320 -
acc: 0.8959 - val_loss: 0.2246 - val_acc: 0.7945
Epoch 17/21
6090/6090 [=====] - 0s 63us/sample - loss: 0.1259 -
acc: 0.9031 - val_loss: 0.2216 - val_acc: 0.8017
Epoch 18/21

```

6090/6090 [=====] - 0s 60us/sample - loss: 0.1200 -
acc: 0.9066 - val_loss: 0.2199 - val_acc: 0.8011
Epoch 19/21
6090/6090 [=====] - 0s 59us/sample - loss: 0.1146 -
acc: 0.9135 - val_loss: 0.2187 - val_acc: 0.8024
Epoch 20/21
6090/6090 [=====] - 0s 63us/sample - loss: 0.1094 -
acc: 0.9156 - val_loss: 0.2169 - val_acc: 0.8037
Epoch 21/21
6090/6090 [=====] - 0s 62us/sample - loss: 0.1047 -
acc: 0.9197 - val_loss: 0.2160 - val_acc: 0.8037

```

4.5 Evaluate the model

```

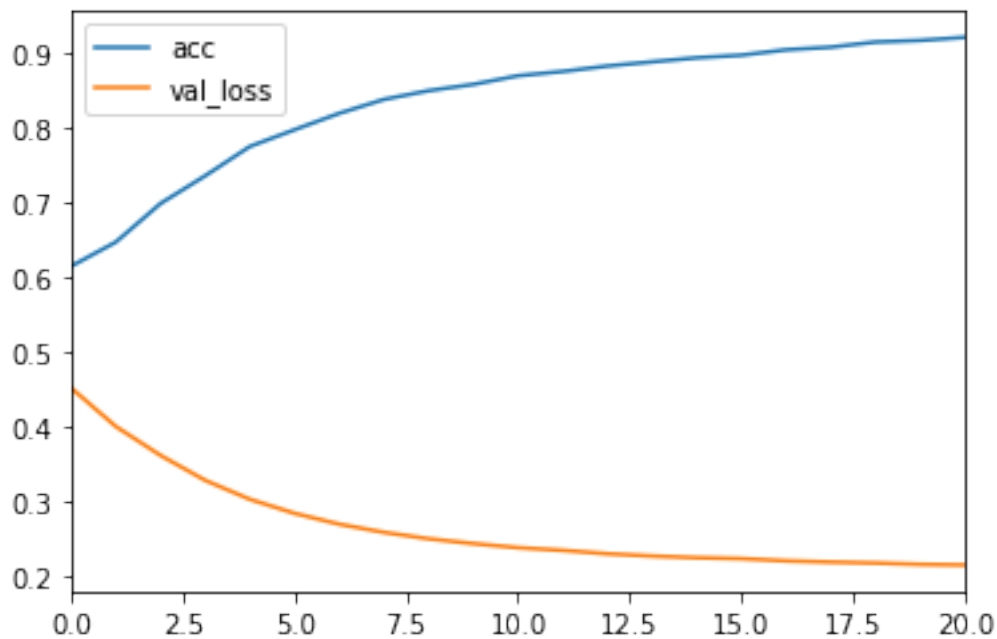
[ ]: model_loss = pd.DataFrame(model.history.history)
    model_loss.head()
    model_loss[['acc', 'val_loss']].plot()

```

```

[ ]: <matplotlib.axes._subplots.AxesSubplot at 0x2919adf7888>

```



```

Building graph of deps: 0%|          | 0/285 [00:00<?, ?it/s]
Examining pysocks: 0%|          | 0/285 [00:00<?, ?it/s]
Examining zict: 0%|          | 1/285 [00:00<00:15, 18.85it/s]
Examining win_inet_pton: 1%|       | 2/285 [00:00<00:19, 14.48it/s]
Examining win_inet_pton: 1%|       | 3/285 [00:00<00:12, 21.72it/s]
Examining pytest-astropy: 1%|      | 3/285 [00:00<00:12, 21.72it/s]

```

```

Examining conda-verify: 1%|          | 4/285 [00:01<00:12, 21.72it/s]
Examining conda-verify: 2%|          | 5/285 [00:01<01:15, 3.72it/s]
Examining prometheus_client: 2%|      | 5/285 [00:02<01:15, 3.72it/s]
Examining prometheus_client: 2%|      | 6/285 [00:02<01:16, 3.64it/s]
Examining fastcache: 2%|            | 6/285 [00:02<01:16, 3.64it/s]
Examining fastcache: 2%|            | 7/285 [00:02<01:33, 2.98it/s]
Examining imagesize: 2%|            | 7/285 [00:02<01:33, 2.98it/s]
Examining jupyter_console: 3%|       | 8/285 [00:02<01:32, 2.98it/s]
Examining jupyter_console: 3%|       | 9/285 [00:02<01:09, 3.96it/s]
Examining numpy=1.19.2: 3%|          | 9/285 [00:03<01:09, 3.96it/s]
Examining numpy=1.19.2: 4%|          | 10/285 [00:03<02:12, 2.08it/s]
Examining sphinxcontrib-websupport: 4%|      | 10/285 [00:03<02:12,
2.08it/s]
Examining sphinxcontrib-websupport: 4%|      | 11/285 [00:03<01:46,
2.58it/s]
Examining pickleshare: 4%|           | 11/285 [00:03<01:46, 2.58it/s]
Examining pickleshare: 4%|           | 12/285 [00:03<01:24, 3.25it/s]
Examining sdl2_mixer: 4%|            | 12/285 [00:03<01:24, 3.25it/s]
Examining libiconv: 5%|             | 13/285 [00:03<01:23, 3.25it/s]
Examining win_unicode_console: 5%|      | 14/285 [00:03<01:23, 3.25it/s]
Examining ruamel_yaml: 5%|           | 15/285 [00:03<01:23, 3.25it/s]
Examining matplotlib: 6%|           | 16/285 [00:04<01:22, 3.25it/s]
Examining matplotlib: 6%|           | 17/285 [00:04<01:00, 4.43it/s]
Examining six: 6%|                  | 17/285 [00:08<01:00, 4.43it/s]
Examining sphinxcontrib-htmlhelp: 6%|      | 18/285 [00:08<01:00,
4.43it/s]
Examining sphinxcontrib-htmlhelp: 7%|      | 19/285 [00:08<03:30,
1.26it/s]
Examining pandas: 7%|                | 19/285 [00:08<03:30, 1.26it/s]
Examining lxml: 7%|                 | 20/285 [00:14<03:30, 1.26it/s]
Examining lxml: 7%|                 | 21/285 [00:14<06:14, 1.42s/it]
Examining traitlets: 7%|             | 21/285 [00:14<06:14, 1.42s/it]
Examining traitlets: 8%|             | 22/285 [00:14<04:51, 1.11s/it]
Examining astroid: 8%|              | 22/285 [00:14<04:51, 1.11s/it]
Examining astroid: 8%|              | 23/285 [00:14<03:32, 1.24it/s]
Examining ipykernel: 8%|             | 23/285 [00:17<03:32, 1.24it/s]
Examining ipykernel: 8%|             | 24/285 [00:17<06:22, 1.46s/it]
Examining terminado: 8%|            | 24/285 [00:20<06:22, 1.46s/it]
Examining terminado: 9%|            | 25/285 [00:20<08:42, 2.01s/it]
Examining tqdm: 9%|                 | 25/285 [00:21<08:42, 2.01s/it]
Examining tqdm: 9%|                 | 26/285 [00:21<06:28, 1.50s/it]
Examining testpath: 9%|              | 26/285 [00:21<06:28, 1.50s/it]
Examining testpath: 9%|              | 27/285 [00:21<05:21, 1.25s/it]
Examining requests: 9%|              | 27/285 [00:21<05:21, 1.25s/it]
Examining pyqt: 10%|                | 28/285 [00:22<05:20, 1.25s/it]
Examining pyqt: 10%|                | 29/285 [00:22<04:07, 1.04it/s]
Examining _ipyw_jlab_nb_ext_conf: 10%|      | 29/285 [00:22<04:07,
1.04it/s]

```

```

Examining _ipyw_jlab_nb_ext_conf: 11%|          | 30/285 [00:22<03:00,
1.41it/s]
Examining pathlib2: 11%|          | 30/285 [00:22<03:00, 1.41it/s]
Examining pathlib2: 11%|          | 31/285 [00:22<02:27, 1.72it/s]
Examining backports.shutil_get_terminal_size: 11%|          | 31/285
[00:22<02:27, 1.72it/s]
Examining pyrsistent: 11%|          | 32/285 [00:22<02:26, 1.72it/s]
Examining pyrsistent: 12%|          | 33/285 [00:22<01:47, 2.35it/s]
Examining pylint: 12%|          | 33/285 [00:23<01:47, 2.35it/s]
Examining pylint: 12%|          | 34/285 [00:23<01:24, 2.98it/s]
Examining backports.os: 12%|          | 34/285 [00:24<01:24, 2.98it/s]
Examining backports.os: 12%|          | 35/285 [00:24<02:30, 1.67it/s]
Examining sdl2_image: 12%|          | 35/285 [00:24<02:30, 1.67it/s]
Examining wrapt: 13%|          | 36/285 [00:24<02:29, 1.67it/s]
Examining wincertstore: 13%|          | 37/285 [00:24<02:28, 1.67it/s]
Examining wincertstore: 13%|          | 38/285 [00:24<01:46, 2.31it/s]
Examining greenlet: 13%|          | 38/285 [00:24<01:46, 2.31it/s]
Examining numpydoc: 14%|          | 39/285 [00:24<01:46, 2.31it/s]
Examining numpydoc: 14%|          | 40/285 [00:24<01:20, 3.04it/s]
Examining defusedxml: 14%|          | 40/285 [00:25<01:20, 3.04it/s]
Examining simplegeneric: 14%|          | 41/285 [00:25<01:20, 3.04it/s]
Examining simplegeneric: 15%|          | 42/285 [00:25<01:23, 2.93it/s]
Examining asn1crypto: 15%|          | 42/285 [00:25<01:23, 2.93it/s]
Examining icu: 15%|          | 43/285 [00:25<01:22, 2.93it/s]
Examining cython: 15%|          | 44/285 [00:25<01:22, 2.93it/s]
Examining et_xmlfile: 16%|          | 45/285 [00:27<01:21, 2.93it/s]
Examining et_xmlfile: 16%|          | 46/285 [00:27<01:29, 2.67it/s]
Examining pandocfilters: 16%|          | 46/285 [00:27<01:29, 2.67it/s]
Examining pillow: 16%|          | 47/285 [00:27<01:29, 2.67it/s]
Examining numba: 17%|          | 48/285 [00:27<01:28, 2.67it/s]
Examining numba: 17%|          | 49/285 [00:27<01:21, 2.90it/s]
Examining kiwisolver: 17%|          | 49/285 [00:32<01:21, 2.90it/s]
Examining kiwisolver: 18%|          | 50/285 [00:32<06:18, 1.61s/it]
Examining snappy: 18%|          | 50/285 [00:32<06:18, 1.61s/it]
Examining xz: 18%|          | 51/285 [00:32<06:16, 1.61s/it]
Examining python-libarchive-c: 18%|          | 52/285 [00:32<06:15, 1.61s/it]
Examining xlsxwriter: 19%|          | 53/285 [00:32<06:13, 1.61s/it]
Examining xlsxwriter: 19%|          | 54/285 [00:32<04:27, 1.16s/it]
Examining pytz: 19%|          | 54/285 [00:33<04:27, 1.16s/it]
Examining pytz: 19%|          | 55/285 [00:33<03:31, 1.09it/s]
Examining sqlalchemy: 19%|          | 55/285 [00:33<03:31, 1.09it/s]
Examining sqlalchemy: 20%|          | 56/285 [00:33<02:39, 1.44it/s]
Examining backcall: 20%|          | 56/285 [00:34<02:39, 1.44it/s]
Examining backcall: 20%|          | 57/285 [00:34<02:33, 1.48it/s]
Examining prompt_toolkit: 20%|          | 57/285 [00:34<02:33, 1.48it/s]
Examining alabaster: 20%|          | 58/285 [00:34<02:33, 1.48it/s]
Examining alabaster: 21%|          | 59/285 [00:34<01:56, 1.94it/s]
Examining multipledispatch: 21%|          | 59/285 [00:34<01:56, 1.94it/s]

```

```

Examining backports.functools_lru_cache: 21%|          | 60/285 [00:34<01:55,
1.94it/s]
Examining console_shortcut: 21%|          | 61/285 [00:34<01:55, 1.94it/s]
Examining console_shortcut: 22%|          | 62/285 [00:34<01:26, 2.58it/s]
Examining tblib: 22%|          | 62/285 [00:34<01:26, 2.58it/s]
Examining krb5: 22%|          | 63/285 [00:34<01:26, 2.58it/s]
Examining krb5: 22%|          | 64/285 [00:34<01:05, 3.39it/s]
Examining pycosat: 22%|          | 64/285 [00:34<01:05, 3.39it/s]
Examining ipython_genutils: 23%|          | 65/285 [00:34<01:04, 3.39it/s]
Examining clyent: 23%|          | 66/285 [00:34<01:04, 3.39it/s]
Examining clyent: 24%|          | 67/285 [00:34<00:47, 4.57it/s]
Examining pyopenssl: 24%|          | 67/285 [00:35<00:47, 4.57it/s]
Examining freetype: 24%|          | 68/285 [00:35<00:47, 4.57it/s]
Examining freetype: 24%|          | 69/285 [00:35<00:58, 3.71it/s]
Examining jupyter_core: 24%|          | 69/285 [00:35<00:58, 3.71it/s]
Examining parso: 25%|          | 70/285 [00:36<00:57, 3.71it/s]
Examining parso: 25%|          | 71/285 [00:36<00:52, 4.09it/s]
Examining spyder-kernels: 25%|          | 71/285 [00:36<00:52, 4.09it/s]
Examining spyder-kernels: 25%|          | 72/285 [00:36<00:50, 4.20it/s]
Examining atomicwrites: 25%|          | 72/285 [00:39<00:50, 4.20it/s]
Examining atomicwrites: 26%|          | 73/285 [00:39<03:46, 1.07s/it]
Examining scipy: 26%|          | 73/285 [00:39<03:46, 1.07s/it]
Examining backports.tempfile: 26%|          | 74/285 [00:42<03:45, 1.07s/it]
Examining backports.tempfile: 26%|          | 75/285 [00:42<04:11, 1.20s/it]
Examining sphinxcontrib: 26%|          | 75/285 [00:42<04:11, 1.20s/it]
Examining h5py: 27%|          | 76/285 [00:42<04:10, 1.20s/it]
Examining hdf5: 27%|          | 77/285 [00:45<04:09, 1.20s/it]
Examining hdf5: 27%|          | 78/285 [00:45<03:50, 1.11s/it]
Examining lz4-c: 27%|          | 78/285 [00:45<03:50, 1.11s/it]
Examining pytest-remotedata: 28%|          | 79/285 [00:45<03:49, 1.11s/it]
Examining blas: 28%|          | 80/285 [00:46<03:48, 1.11s/it]
Examining blas: 28%|          | 81/285 [00:46<03:02, 1.12it/s]
Examining distributed: 28%|          | 81/285 [00:46<03:02, 1.12it/s]
Examining sphinx: 29%|          | 82/285 [00:56<03:01, 1.12it/s]
Examining sphinx: 29%|          | 83/285 [00:56<07:26, 2.21s/it]
Examining cffi: 29%|          | 83/285 [00:59<07:26, 2.21s/it]
Examining cffi: 29%|          | 84/285 [00:59<08:15, 2.46s/it]
Examining tk: 29%|          | 84/285 [01:00<08:15, 2.46s/it]
Examining tk: 30%|          | 85/285 [01:00<06:01, 1.81s/it]
Examining mkl_fft: 30%|          | 85/285 [01:00<06:01, 1.81s/it]
Examining future: 30%|          | 86/285 [01:03<05:59, 1.81s/it]
Examining future: 31%|          | 87/285 [01:03<05:36, 1.70s/it]
Examining libxml2: 31%|          | 87/285 [01:03<05:36, 1.70s/it]
Examining curl: 31%|          | 88/285 [01:03<05:35, 1.70s/it]
Examining msgpack-python: 31%|          | 89/285 [01:03<05:33, 1.70s/it]
Examining msgpack-python: 32%|          | 90/285 [01:03<03:54, 1.20s/it]
Examining pep8: 32%|          | 90/285 [01:03<03:54, 1.20s/it]
Examining zstd: 32%|          | 91/285 [01:03<03:53, 1.20s/it]

```

```

Examining zstd: 32%|          | 92/285 [01:03<02:46, 1.16it/s]
Examining pytest-doctestplus: 32%|          | 92/285 [01:03<02:46, 1.16it/s]
Examining scikit-image: 33%|          | 93/285 [01:05<02:45, 1.16it/s]
Examining scikit-image: 33%|          | 94/285 [01:05<02:52, 1.11it/s]
Examining xlwt: 33%|          | 94/285 [01:10<02:52, 1.11it/s]
Examining xlwt: 33%|          | 95/285 [01:10<07:16, 2.30s/it]
Examining contextlib2: 33%|          | 95/285 [01:10<07:16, 2.30s/it]
Examining glew: 34%|          | 96/285 [01:10<07:14, 2.30s/it]
Examining networkx: 34%|          | 97/285 [01:10<07:12, 2.30s/it]
Examining icc_rt: 34%|          | 98/285 [01:11<07:09, 2.30s/it]
Examining icc_rt: 35%|          | 99/285 [01:11<05:05, 1.64s/it]
Examining bkcharts: 35%|          | 99/285 [01:11<05:05, 1.64s/it]
Examining filelock: 35%|          | 100/285 [01:12<05:04, 1.64s/it]
Examining filelock: 35%|          | 101/285 [01:12<03:57, 1.29s/it]
Examining soupsieve: 35%|          | 101/285 [01:12<03:57, 1.29s/it]
Examining soupsieve: 36%|          | 102/285 [01:12<02:52, 1.06it/s]
Examining bzip2: 36%|          | 102/285 [01:12<02:52, 1.06it/s]
Examining bzip2: 36%|          | 103/285 [01:12<02:08, 1.42it/s]
Examining nltk: 36%|          | 103/285 [01:12<02:08, 1.42it/s]
Examining docutils: 36%|          | 104/285 [01:13<02:07, 1.42it/s]
Examining docutils: 37%|          | 105/285 [01:13<01:44, 1.72it/s]
Examining xlrd: 37%|          | 105/285 [01:13<01:44, 1.72it/s]
Examining xlrd: 37%|          | 106/285 [01:13<01:21, 2.21it/s]
Examining ipython: 37%|          | 106/285 [01:13<01:21, 2.21it/s]
Examining statsmodels: 38%|          | 107/285 [01:15<01:20, 2.21it/s]
Examining statsmodels: 38%|          | 108/285 [01:15<02:07, 1.39it/s]
Examining numexpr: 38%|          | 108/285 [01:18<02:07, 1.39it/s]
Examining numexpr: 38%|          | 109/285 [01:18<03:47, 1.29s/it]
Examining babel: 38%|          | 109/285 [01:21<03:47, 1.29s/it]
Examining babel: 39%|          | 110/285 [01:21<05:00, 1.72s/it]
Examining flask: 39%|          | 110/285 [01:21<05:00, 1.72s/it]
Examining flask: 39%|          | 111/285 [01:21<03:35, 1.24s/it]
Examining jinja2: 39%|          | 111/285 [01:21<03:35, 1.24s/it]
Examining jinja2: 39%|          | 112/285 [01:21<02:39, 1.08it/s]
Examining mkl_random: 39%|          | 112/285 [01:22<02:39, 1.08it/s]
Examining mkl_random: 40%|          | 113/285 [01:22<02:18, 1.24it/s]
Examining sortedcollections: 40%|          | 113/285 [01:23<02:18, 1.24it/s]
Examining sortedcollections: 40%|          | 114/285 [01:23<02:41, 1.06it/s]
Examining json5: 40%|          | 114/285 [01:23<02:41, 1.06it/s]
Examining json5: 40%|          | 115/285 [01:23<01:58, 1.43it/s]
Examining virtualenv: 40%|          | 115/285 [01:23<01:58, 1.43it/s]
Examining virtualenv: 41%|          | 116/285 [01:23<01:29, 1.88it/s]
Examining pygments: 41%|          | 116/285 [01:24<01:29, 1.88it/s]
Examining pygments: 41%|          | 117/285 [01:24<01:20, 2.10it/s]
Examining nose: 41%|          | 117/285 [01:24<01:20, 2.10it/s]
Examining nose: 41%|          | 118/285 [01:24<01:23, 2.00it/s]
Examining jupyterlab_server: 41%|          | 118/285 [01:24<01:23, 2.00it/s]
Examining jupyterlab_server: 42%|          | 119/285 [01:24<01:07, 2.46it/s]

```

Examining cryptography: 42%	119/285 [01:26<01:07, 2.46it/s]
Examining cryptography: 42%	120/285 [01:26<02:12, 1.24it/s]
Examining libssh2: 42%	120/285 [01:28<02:12, 1.24it/s]
Examining libssh2: 42%	121/285 [01:28<02:51, 1.05s/it]
Examining qtconsole: 42%	121/285 [01:28<02:51, 1.05s/it]
Examining mistune: 43%	122/285 [01:30<02:50, 1.05s/it]
Examining mistune: 43%	123/285 [01:30<02:52, 1.07s/it]
Examining path.py: 43%	123/285 [01:30<02:52, 1.07s/it]
Examining backports: 44%	124/285 [01:30<02:51, 1.07s/it]
Examining backports: 44%	125/285 [01:30<02:04, 1.29it/s]
Examining qtawesome: 44%	125/285 [01:30<02:04, 1.29it/s]
Examining jupyterlab: 44%	126/285 [01:30<02:03, 1.29it/s]
Examining jupyterlab: 45%	127/285 [01:30<01:33, 1.70it/s]
Examining spyder: 45%	127/285 [01:38<01:33, 1.70it/s]
Examining spyder: 45%	128/285 [01:38<07:28, 2.86s/it]
Examining entrypoints: 45%	128/285 [01:55<07:28, 2.86s/it]
Examining entrypoints: 45%	129/285 [01:55<18:04, 6.95s/it]
Examining pyreadline: 45%	129/285 [01:55<18:04, 6.95s/it]
Examining bottleneck: 46%	130/285 [01:55<17:57, 6.95s/it]
Examining zeromq: 46%	131/285 [01:56<17:50, 6.95s/it]
Examining zeromq: 46%	132/285 [01:56<12:40, 4.97s/it]
Examining lazy-object-proxy: 46%	132/285 [01:56<12:40, 4.97s/it]
Examining cytoolz: 47%	133/285 [01:56<12:35, 4.97s/it]
Examining cytoolz: 47%	134/285 [01:56<08:47, 3.50s/it]
Examining sphinxcontrib-applehelp: 47%	134/285 [01:56<08:47, 3.50s/it]
Examining openssl: 47%	135/285 [01:56<08:44, 3.50s/it]
Examining openssl: 48%	136/285 [01:56<06:07, 2.47s/it]
Examining chardet: 48%	136/285 [01:56<06:07, 2.47s/it]
Examining m2w64-libwinpthread-git: 48%	137/285 [01:56<06:05, 2.47s/it]
Examining jdcals: 48%	138/285 [01:56<06:02, 2.47s/it]
Examining sphinxcontrib-qthelp: 49%	139/285 [01:56<06:00, 2.47s/it]
Examining sphinxcontrib-qthelp: 49%	140/285 [01:56<04:11, 1.73s/it]
Examining conda[version='>=4.8.2']: 49%	140/285 [01:56<04:11, 1.73s/it]
Examining zlib: 49%	141/285 [02:00<04:09, 1.73s/it]
Examining zlib: 50%	142/285 [02:00<04:07, 1.73s/it]
Examining snowballstemmer: 50%	142/285 [02:00<04:07, 1.73s/it]
Examining certifi: 50%	143/285 [02:00<04:05, 1.73s/it]
Examining certifi: 51%	144/285 [02:00<02:52, 1.22s/it]
Examining mkl-service: 51%	144/285 [02:00<02:52, 1.22s/it]
Examining html5lib: 51%	145/285 [02:00<02:51, 1.22s/it]
Examining html5lib: 51%	146/285 [02:00<02:10, 1.06it/s]
Examining seaborn: 51%	146/285 [02:01<02:10, 1.06it/s]
Examining pytables: 52%	147/285 [02:03<02:09, 1.06it/s]

```

Examining pytables: 52%|          | 148/285 [02:03<02:31, 1.10s/it]
Examining unicodcsv: 52%|          | 148/285 [02:06<02:31, 1.10s/it]
Examining unicodcsv: 52%|          | 149/285 [02:06<03:46, 1.67s/it]
Examining dask-core: 52%|          | 149/285 [02:06<03:46, 1.67s/it]
Examining conda-package-handling: 53%|          | 150/285 [02:08<03:45,
1.67s/it]
Examining conda-package-handling: 53%|          | 151/285 [02:08<03:02,
1.36s/it]
Examining pywin32: 53%|          | 151/285 [02:08<03:02, 1.36s/it]
Examining pywin32: 53%|          | 152/285 [02:08<02:31, 1.14s/it]
Examining sortedcontainers: 53%|          | 152/285 [02:08<02:31, 1.14s/it]
Examining pycrypto: 54%|          | 153/285 [02:09<02:30, 1.14s/it]
Examining pycrypto: 54%|          | 154/285 [02:09<01:48, 1.21it/s]
Examining python=3.7: 54%|          | 154/285 [02:09<01:48, 1.21it/s]
Examining ca-certificates: 54%|          | 155/285 [02:09<01:47, 1.21it/s]
Examining ca-certificates: 55%|          | 156/285 [02:09<01:21, 1.59it/s]
Examining importlib_metadata: 55%|          | 156/285 [02:09<01:21, 1.59it/s]
Examining setuptools: 55%|          | 157/285 [02:09<01:20, 1.59it/s]
Examining setuptools: 55%|          | 158/285 [02:09<00:58, 2.16it/s]
Examining backports weakref: 55%|          | 158/285 [02:10<00:58, 2.16it/s]
Examining backports weakref: 56%|          | 159/285 [02:10<01:25, 1.47it/s]
Examining libarchive: 56%|          | 159/285 [02:10<01:25, 1.47it/s]
Examining blosc: 56%|          | 160/285 [02:10<01:25, 1.47it/s]
Examining blosc: 56%|          | 161/285 [02:10<01:01, 2.02it/s]
Examining xlwings: 56%|          | 161/285 [02:10<01:01, 2.02it/s]
Examining jedi: 57%|          | 162/285 [02:11<01:00, 2.02it/s]
Examining jedi: 57%|          | 163/285 [02:11<00:59, 2.07it/s]
Examining jpeg: 57%|          | 163/285 [02:11<00:59, 2.07it/s]
Examining jpeg: 58%|          | 164/285 [02:11<00:48, 2.48it/s]
Examining numpy-base: 58%|          | 164/285 [02:11<00:48, 2.48it/s]
Examining jupyter: 58%|          | 165/285 [02:13<00:48, 2.48it/s]
Examining jupyter: 58%|          | 166/285 [02:13<00:56, 2.11it/s]
Examining sip: 58%|          | 166/285 [02:16<00:56, 2.11it/s]
Examining sip: 59%|          | 167/285 [02:16<02:20, 1.19s/it]
Examining wcwidth: 59%|          | 167/285 [02:16<02:20, 1.19s/it]
Examining wcwidth: 59%|          | 168/285 [02:16<01:43, 1.14it/s]
Examining m2w64-gcc-libs: 59%|          | 168/285 [02:16<01:43, 1.14it/s]
Examining decorator: 59%|          | 169/285 [02:16<01:42, 1.14it/s]
Examining pyyaml: 60%|          | 170/285 [02:16<01:41, 1.14it/s]
Examining pyyaml: 60%|          | 171/285 [02:16<01:13, 1.55it/s]
Examining sdl2: 60%|          | 171/285 [02:16<01:13, 1.55it/s]
Examining sdl2: 60%|          | 172/285 [02:16<00:55, 2.02it/s]
Examining vc: 60%|          | 172/285 [02:16<00:55, 2.02it/s]
Examining qt: 61%|          | 173/285 [02:16<00:55, 2.02it/s]
Examining anaconda-project: 61%|          | 174/285 [02:16<00:54, 2.02it/s]
Examining yaml: 61%|          | 175/285 [02:17<00:54, 2.02it/s]
Examining yaml: 62%|          | 176/285 [02:17<00:45, 2.38it/s]
Examining m2w64-gcc-libgfortran: 62%|          | 176/285 [02:17<00:45,

```



```

2.38it/s]
Examining sqlite: 62%|          | 177/285 [02:17<00:45, 2.38it/s]
Examining zipp: 62%|          | 178/285 [02:17<00:44, 2.38it/s]
Examining intel-openmp: 63%|      | 179/285 [02:17<00:44, 2.38it/s]
Examining intel-openmp: 63%|      | 180/285 [02:17<00:32, 3.21it/s]
Examining psutil: 63%|          | 180/285 [02:17<00:32, 3.21it/s]
Examining pluggy: 64%|          | 181/285 [02:18<00:32, 3.21it/s]
Examining pluggy: 64%|          | 182/285 [02:18<00:24, 4.14it/s]
Examining ply: 64%|            | 182/285 [02:18<00:24, 4.14it/s]
Examining libsodium: 64%|        | 183/285 [02:18<00:24, 4.14it/s]
Examining libsodium: 65%|        | 184/285 [02:18<00:19, 5.07it/s]
Examining pytest: 65%|          | 184/285 [02:18<00:19, 5.07it/s]
Examining click: 65%|           | 185/285 [02:23<00:19, 5.07it/s]
Examining click: 65%|           | 186/285 [02:23<01:24, 1.17it/s]
Examining scikit-learn: 65%|     | 186/285 [02:23<01:24, 1.17it/s]
Examining scikit-learn: 66%|     | 187/285 [02:23<01:02, 1.56it/s]
Examining libcurl: 66%|          | 187/285 [02:27<01:02, 1.56it/s]
Examining libcurl: 66%|          | 188/285 [02:27<02:55, 1.80s/it]
Examining cloudpickle: 66%|      | 188/285 [02:27<02:55, 1.80s/it]
Examining colorama: 66%|          | 189/285 [02:28<02:53, 1.80s/it]
Examining colorama: 67%|          | 190/285 [02:28<02:04, 1.31s/it]
Examining bleach: 67%|           | 190/285 [02:28<02:04, 1.31s/it]
Examining bleach: 67%|           | 191/285 [02:28<01:29, 1.05it/s]
Examining jupyter_client: 67%|    | 191/285 [02:28<01:29, 1.05it/s]
Examining jupyter_client: 67%|    | 192/285 [02:28<01:24, 1.11it/s]
Examining sdl2_ttf: 67%|          | 192/285 [02:29<01:24, 1.11it/s]
Examining sdl2_ttf: 68%|          | 193/285 [02:29<01:26, 1.06it/s]
Examining nbconvert: 68%|         | 193/285 [02:29<01:26, 1.06it/s]
Examining pyparsing: 68%|         | 194/285 [02:31<01:25, 1.06it/s]
Examining pyparsing: 68%|         | 195/285 [02:31<01:20, 1.12it/s]
Examining locket: 68%|           | 195/285 [02:31<01:20, 1.12it/s]
Examining locket: 69%|           | 196/285 [02:31<01:00, 1.48it/s]
Examining pycurl: 69%|           | 196/285 [02:31<01:00, 1.48it/s]
Examining smpeg2: 69%|           | 197/285 [02:31<00:59, 1.48it/s]
Examining smpeg2: 69%|           | 198/285 [02:31<00:44, 1.95it/s]
Examining heapdict: 69%|         | 198/285 [02:31<00:44, 1.95it/s]
Examining get_terminal_size: 70%| | 199/285 [02:31<00:44, 1.95it/s]
Examining attrs: 70%|           | 200/285 [02:31<00:43, 1.95it/s]
Examining cycpler: 71%|         | 201/285 [02:32<00:43, 1.95it/s]
Examining cycpler: 71%|         | 202/285 [02:32<00:31, 2.62it/s]
Examining urllib3: 71%|         | 202/285 [02:32<00:31, 2.62it/s]
Examining bitarray: 71%|         | 203/285 [02:34<00:31, 2.62it/s]
Examining bitarray: 72%|         | 204/285 [02:34<00:50, 1.61it/s]
Examining pip: 72%|            | 204/285 [02:34<00:50, 1.61it/s]
Examining pip: 72%|            | 205/285 [02:34<00:43, 1.86it/s]
Examining widgetsnbextension: 72%| | 205/285 [02:37<00:43, 1.86it/s]
Examining widgetsnbextension: 72%| | 206/285 [02:37<01:36, 1.22s/it]
Examining m2w64-gcc-libs-core: 72%| | 206/285 [02:40<01:36, 1.22s/it]

```

```

Examining m2w64-gcc-libs-core: 73%|          | 207/285 [02:40<02:09, 1.66s/it]
Examining itsdangerous: 73%|          | 207/285 [02:40<02:09, 1.66s/it]
Examining markupsafe: 73%|          | 208/285 [02:40<02:08, 1.66s/it]
Examining gevent: 73%|          | 209/285 [02:40<02:06, 1.66s/it]
Examining gevent: 74%|          | 210/285 [02:40<01:28, 1.18s/it]
Examining msys2-conda-epoch: 74%|          | 210/285 [02:42<01:28, 1.18s/it]
Examining msys2-conda-epoch: 74%|          | 211/285 [02:42<01:38, 1.34s/it]
Examining conda-env: 74%|          | 211/285 [02:42<01:38, 1.34s/it]
Examining pytest-arraydiff: 74%|          | 212/285 [02:42<01:37, 1.34s/it]
Examining dask: 75%|          | 213/285 [02:43<01:36, 1.34s/it]
Examining dask: 75%|          | 214/285 [02:43<01:18, 1.10s/it]
Examining pkginfo: 75%|          | 214/285 [03:08<01:18, 1.10s/it]
Examining pkginfo: 75%|          | 215/285 [03:08<09:31, 8.17s/it]
Examining rope: 75%|          | 215/285 [03:08<09:31, 8.17s/it]
Examining rope: 76%|          | 216/285 [03:08<06:36, 5.75s/it]
Examining llvmlite: 76%|          | 216/285 [03:08<06:36, 5.75s/it]
Examining llvmlite: 76%|          | 217/285 [03:08<04:36, 4.07s/it]
Examining anaconda==2019.10: 76%|          | 217/285 [03:09<04:36, 4.07s/it]
Examining anaconda==2019.10: 76%|          | 218/285 [03:09<03:15, 2.92s/it]
Examining menuinst: 76%|          | 218/285 [03:09<03:15, 2.92s/it]
Examining lzo: 77%|          | 219/285 [03:09<03:12, 2.92s/it]
Examining lzo: 77%|          | 220/285 [03:09<02:16, 2.09s/it]
Examining glob2: 77%|          | 220/285 [03:09<02:16, 2.09s/it]
Examining tornado: 78%|          | 221/285 [03:09<02:13, 2.09s/it]
Examining pytest-openfiles: 78%|          | 222/285 [03:09<02:11, 2.09s/it]
Examining pytest-openfiles: 78%|          | 223/285 [03:09<01:32, 1.49s/it]
Examining mccabe: 78%|          | 223/285 [03:10<01:32, 1.49s/it]
Examining mccabe: 79%|          | 224/285 [03:10<01:21, 1.34s/it]
Examining powershell_shortcut: 79%|          | 224/285 [03:10<01:21, 1.34s/it]
Examining pyodbc: 79%|          | 225/285 [03:10<01:20, 1.34s/it]
Examining pyodbc: 79%|          | 226/285 [03:10<00:56, 1.05it/s]
Examining patsy: 79%|          | 226/285 [03:10<00:56, 1.05it/s]
Examining patsy: 80%|          | 227/285 [03:10<00:40, 1.42it/s]
Examining py-lief: 80%|          | 227/285 [03:12<00:40, 1.42it/s]
Examining py-lief: 80%|          | 228/285 [03:12<00:48, 1.18it/s]
Examining isort: 80%|          | 228/285 [03:12<00:48, 1.18it/s]
Examining mpmath: 80%|          | 229/285 [03:13<00:47, 1.18it/s]
Examining mpmath: 81%|          | 230/285 [03:13<00:43, 1.26it/s]
Examining sympy: 81%|          | 230/285 [03:13<00:43, 1.26it/s]
Examining @/win-64:::_cuda==11.2=0: 81%|          | 231/285 [03:13<00:42,
1.26it/s]
Examining @/win-64:::_cuda==11.2=0: 81%|          | 232/285 [03:13<00:32,
1.61it/s]
Examining notebook: 81%|          | 232/285 [03:13<00:32, 1.61it/s]
Examining py: 82%|          | 233/285 [03:23<00:32, 1.61it/s]
Examining py: 82%|          | 234/285 [03:23<01:35, 1.88s/it]
Examining toolz: 82%|          | 234/285 [03:23<01:35, 1.88s/it]
Examining toolz: 82%|          | 235/285 [03:23<01:07, 1.36s/it]

```

Examining packaging: 82%| | 235/285 [03:23<01:07, 1.36s/it]
Examining winpty: 83%| | 236/285 [03:23<01:06, 1.36s/it]
Examining winpty: 83%| | 237/285 [03:23<00:47, 1.00it/s]
Examining joblib: 83%| | 237/285 [03:23<00:47, 1.00it/s]
Examining pandoc: 84%| | 238/285 [03:24<00:46, 1.00it/s]
Examining pandoc: 84%| | 239/285 [03:24<00:34, 1.35it/s]
Examining openpyxl: 84%| | 239/285 [03:24<00:34, 1.35it/s]
Examining libxslt: 84%| | 240/285 [03:24<00:33, 1.35it/s]
Examining libxslt: 85%| | 241/285 [03:24<00:25, 1.76it/s]
Examining liblief: 85%| | 241/285 [03:24<00:25, 1.76it/s]
Examining navigator-updater: 85%| | 242/285 [03:24<00:24, 1.76it/s]
Examining fsspec: 85%| | 243/285 [03:25<00:23, 1.76it/s]
Examining fsspec: 86%| | 244/285 [03:25<00:18, 2.24it/s]
Examining m2w64-gmp: 86%| | 244/285 [03:25<00:18, 2.24it/s]
Examining m2w64-gmp: 86%| | 245/285 [03:25<00:16, 2.42it/s]
Examining pycparser: 86%| | 245/285 [03:25<00:16, 2.42it/s]
Examining singledispatch: 86%| | 246/285 [03:25<00:16, 2.42it/s]
Examining nbformat: 87%| | 247/285 [03:25<00:15, 2.42it/s]
Examining nbformat: 87%| | 248/285 [03:25<00:11, 3.24it/s]
Examining idna: 87%| | 248/285 [03:26<00:11, 3.24it/s]
Examining idna: 87%| | 249/285 [03:26<00:13, 2.70it/s]
Examining conda-build: 87%| | 249/285 [03:26<00:13, 2.70it/s]
Examining conda-build: 88%| | 250/285 [03:26<00:10, 3.35it/s]
Examining pywavelets: 88%| | 250/285 [03:48<00:10, 3.35it/s]
Examining pywavelets: 88%| | 251/285 [03:48<03:56, 6.95s/it]
Examining astropy: 88%| | 251/285 [03:50<03:56, 6.95s/it]
Examining astropy: 88%| | 252/285 [03:50<02:54, 5.28s/it]
Examining mock: 88%| | 252/285 [03:57<02:54, 5.28s/it]
Examining mock: 89%| | 253/285 [03:57<03:14, 6.08s/it]
Examining mkl: 89%| | 253/285 [03:58<03:14, 6.08s/it]
Examining tbb: 89%| | 254/285 [03:58<03:08, 6.08s/it]
Examining send2trash: 89%| | 255/285 [03:58<03:02, 6.08s/it]
Examining sphinxcontrib-jsmath: 90%| | 256/285 [03:58<02:56, 6.08s/it]
Examining sphinxcontrib-jsmath: 90%| | 257/285 [03:58<01:59, 4.27s/it]
Examining pywinpty: 90%| | 257/285 [03:58<01:59, 4.27s/it]
Examining comtypes: 91%| | 258/285 [03:58<01:55, 4.27s/it]
Examining comtypes: 91%| | 259/285 [03:58<01:18, 3.01s/it]
Examining more-itertools: 91%| | 259/285 [03:58<01:18, 3.01s/it]
Examining sphinxcontrib-devhelp: 91%| | 260/285 [03:58<01:15, 3.01s/it]
Examining sphinxcontrib-devhelp: 92%| | 261/285 [03:58<00:51, 2.14s/it]
Examining boto: 92%| | 261/285 [03:58<00:51, 2.14s/it]
Examining kivy: 92%| | 262/285 [03:58<00:49, 2.14s/it]
Examining beautifulsoup4: 92%| | 263/285 [03:58<00:47, 2.14s/it]
Examining qtpy: 93%| | 264/285 [03:58<00:45, 2.14s/it]

```

Examining qtpy: 93%|      | 265/285 [03:58<00:30, 1.52s/it]
Examining jsonschema: 93%|      | 265/285 [03:59<00:30, 1.52s/it]
Examining imageio: 93%|      | 266/285 [03:59<00:28, 1.52s/it]
Examining imageio: 94%|      | 267/285 [03:59<00:22, 1.23s/it]
Examining webencodings: 94%|      | 267/285 [04:02<00:22, 1.23s/it]
Examining webencodings: 94%|      | 268/285 [04:02<00:25, 1.49s/it]
Examining partd: 94%|      | 268/285 [04:02<00:25, 1.49s/it]
Examining anaconda-navigator: 94%|      | 269/285 [04:02<00:23, 1.49s/it]
Examining anaconda-navigator: 95%|      | 270/285 [04:02<00:15, 1.06s/it]
Examining libpng: 95%|      | 270/285 [04:09<00:15, 1.06s/it]
Examining libpng: 95%|      | 271/285 [04:09<00:40, 2.89s/it]
Examining python-dateutil: 95%|      | 271/285 [04:09<00:40, 2.89s/it]
Examining olefile: 95%|      | 272/285 [04:09<00:37, 2.89s/it]
Examining olefile: 96%|      | 273/285 [04:09<00:24, 2.04s/it]
Examining pycodestyle: 96%|      | 273/285 [04:09<00:24, 2.04s/it]
Examining bokeh: 96%|      | 274/285 [04:09<00:22, 2.04s/it]
Examining bokeh: 96%|      | 275/285 [04:09<00:14, 1.45s/it]
Examining pyflakes: 96%|      | 275/285 [04:19<00:14, 1.45s/it]
Examining anaconda-client: 97%|      | 276/285 [04:19<00:13, 1.45s/it]
Examining anaconda-client: 97%|      | 277/285 [04:19<00:20, 2.56s/it]
Examining vs2015_runtime: 97%|      | 277/285 [04:21<00:20, 2.56s/it]
Examining vs2015_runtime: 98%|      | 278/285 [04:21<00:16, 2.37s/it]
Examining werkzeug: 98%|      | 278/285 [04:21<00:16, 2.37s/it]
Examining sphinxcontrib-serializinghtml: 98%|      | 279/285 [04:21<00:14, 2.37s/it]
Examining sphinxcontrib-serializinghtml: 98%|      | 280/285 [04:21<00:08, 1.69s/it]
Examining keyring: 98%|      | 280/285 [04:22<00:08, 1.69s/it]
Examining libtiff: 99%|      | 281/285 [04:22<00:06, 1.69s/it]
Examining libtiff: 99%|      | 282/285 [04:22<00:03, 1.29s/it]
Examining pyzmq: 99%|      | 282/285 [04:22<00:03, 1.29s/it]
Examining wheel: 99%|      | 283/285 [04:22<00:02, 1.29s/it]
Examining wheel: 100%|      | 284/285 [04:22<00:00, 1.07it/s]
Examining ipywidgets: 100%|      | 284/285 [04:23<00:00, 1.07it/s]
Examining ipywidgets: 100%|      | 285/285 [04:23<00:00, 1.07it/s]

```

```

Determining conflicts: 0%|      | 0/285 [00:00<?, ?it/s]
Examining conflict for psocks anaconda urllib3 anaconda-client requests
distributed: 0%|      | 0/285 [00:00<?, ?it/s]
Examining conflict for psocks lazy-object-proxy cytoolz zict win_inet_pton
sphinxcontrib-applehelp pytest-astropy conda-verify chardet jdcalf
prometheus_client fastcache imagesize jupyter_console sphinxcontrib-qthelp conda
numpy sphinxcontrib-websupport pickleshare win_unicode_console snowballstemmer
ruamel_yaml matplotlib six sphinxcontrib-htmlhelp certifi mkl-service html5lib
seaborn pandas pytables lxml unicodcsv dask-core traitlets astroid ipykernel
terminado tqdm conda-package-handling testpath pywin32 sortedcontainers pycrypto
python requests pyqt _ipyw_jlab_nb_ext_conf importlib_metadata pathlib2

```

```

setuptools backports.weakref backports.shutil_get_terminal_size pyrsistent
pylint backports.os wrapt wincertstore greenlet numpydoc xlwings jedi
simplegeneric defusedxml asnicrypto numpy-base jupyter sip wcwidth decorator
cython pyyaml qt anaconda-project et_xmlfile pandocfilters pillow sqlite numba
kiwisolver zipp psutil python-libarchive-c pluggy ply xlswriter pytz sqlalchemy
backcall pytest click prompt_toolkit scikit-learn cloudpickle colorama bleach
jupyter_client alabaster nbconvert multipledispatch pyparsing lockfile pycurl
backports.functools_lru_cache heapdict console_shortcut tblib pycosat attrs
cyclr ipython_genutils clyent pyopenssl urllib3 bitarray pip widgetsnbextension
itsdangerous markupsafe jupyter_core parso gevent spyder-kernels atomicwrites
pytest-arraydiff scipy backports.tempfile sphinxcontrib h5py dask pkginfo
pytest-remotedata distributed rope pyzmq sphinx llvmlite anaconda cffi menuinst
glob2 mkl_fft future tornado pytest-openfiles msgpack-python mccabe pep8
powershell_shortcut pytest-doctestplus pyodbc scikit-image xlwt patsy py-lief
isort mpmath contextlib2 sympy notebook networkx py toolz packaging joblib
bkcharts filelock soupsieve openpyxl nltk docutils navigator-updater fsspec xlr
pyparser singledispatch ipython nbformat idna statsmodels conda-build
pywavelets numexpr astropy mock babel send2trash sphinxcontrib-jsmath flask
jinja2 pywinpty comtypes more-itertools mkl_random sphinxcontrib-devhelp wheel
sortedcollections json5 virtualenv boto pigments kivy beautifulsoup4 qtpy nose
jsonschema imageio webencodings partd jupyterlab_server cryptography anaconda-
navigator qtconsole python-dateutil mistune olefile pycodestyle path.py bokeh
pyflakes backports qtawesome anaconda-client jupyterlab werkzeug sphinxcontrib-
serializinghtml spyder keyring entrypoints pyreadline bottleneck ipywidgets:
0%|          | 1/285 [00:08<41:26, 8.75s/it]

```

```

Examining conflict for pysocks lazy-object-proxy cytoolz zict win_inet_pton
sphinxcontrib-applehelp pytest-astropy conda-verify chardet jdc
prometheus_client fastcache imagesize jupyter_console sphinxcontrib-qthelp conda
numpy sphinxcontrib-websupport pickleshare win_unicode_console snowballstemmer
ruamel_yaml matplotlib six sphinxcontrib-htmlhelp certifi mkl-service html5lib
seaborn pandas pytables lxml unicodcsv dask-core traitlets astroid ipykernel
terminado tqdm conda-package-handling testpath pywin32 sortedcontainers pycrypto
python requests pyqt _ipyw_jlab_nb_ext_conf importlib_metadata pathlib2
setuptools backports.weakref backports.shutil_get_terminal_size pyrsistent
pylint backports.os wrapt wincertstore greenlet numpydoc xlwings jedi
simplegeneric defusedxml asnicrypto numpy-base jupyter sip wcwidth decorator
cython pyyaml qt anaconda-project et_xmlfile pandocfilters pillow sqlite numba
kiwisolver zipp psutil python-libarchive-c pluggy ply xlswriter pytz sqlalchemy
backcall pytest click prompt_toolkit scikit-learn cloudpickle colorama bleach
jupyter_client alabaster nbconvert multipledispatch pyparsing lockfile pycurl
backports.functools_lru_cache heapdict console_shortcut tblib pycosat attrs
cyclr ipython_genutils clyent pyopenssl urllib3 bitarray pip widgetsnbextension
itsdangerous markupsafe jupyter_core parso gevent spyder-kernels atomicwrites
pytest-arraydiff scipy backports.tempfile sphinxcontrib h5py dask pkginfo
pytest-remotedata distributed rope pyzmq sphinx llvmlite anaconda cffi menuinst
glob2 mkl_fft future tornado pytest-openfiles msgpack-python mccabe pep8
powershell_shortcut pytest-doctestplus pyodbc scikit-image xlwt patsy py-lief
isort mpmath contextlib2 sympy notebook networkx py toolz packaging joblib

```

```

bkcharts filelock soupsieve openpyxl nltk docutils navigator-updater fsspec xlrd
pycparser singledispatch ipython nbformat idna statsmodels conda-build
pywavelets numexpr astropy mock babel send2trash sphinxcontrib-jsmath flask
jinja2 pywinpty comtypes more-itertools mkl_random sphinxcontrib-devhelp wheel
sortedcollections json5 virtualenv boto pygments kivy beautifulsoup4 qtpy nose
jsonschema imageio webencodings partd jupyterlab_server cryptography anaconda-
navigator qtconsole python-dateutil mistune olefile pycodestyle path.py bokeh
pyflakes backports qtawesome anaconda-client jupyterlab werkzeug sphinxcontrib-
serializinghtml spyder keyring entrypoints pyreadline bottleneck ipywidgets:
1%|          | 2/285 [00:08<20:38, 4.38s/it]
Examining conflict for urllib3 pysocks win_inet_pton anaconda: 1%|          |
2/285 [00:55<20:38, 4.38s/it]
Examining conflict for urllib3 pysocks win_inet_pton anaconda: 1%|          |
3/285 [00:55<1:19:45, 16.97s/it]
Examining conflict for pysocks lazy-object-proxy cytoolz zict win_inet_pton
sphinxcontrib-applehelp pytest-astropy conda-verify chardet jdcalf
prometheus_client fastcache imagesize jupyter_console sphinxcontrib-qthelp conda
sphinxcontrib-websupport pickleshare win_unicode_console snowballstemmer
ruamel_yaml matplotlib six sphinxcontrib-htmlhelp certifi mkl-service html5lib
seaborn pandas pytables lxml unicodcsv dask-core traitlets astroid ipykernel
terminado tqdm conda-package-handling testpath pywin32 sortedcontainers pycrypto
requests pyqt setuptools pathlib2 backports.weakref
backports.shutil_get_terminal_size pyrsistent pylint backports.os wrapt
wincertstore libarchive blosc greenlet numpydoc xlwings jedi simplegeneric
defusedxml asncrypto numpy-base jupyter sip wcwidth decorator cython pyyaml
anaconda-project et_xmlfile pandocfilters pillow numba kiwisolver xz zipp
python-libarchive-c psutil pluggy ply xlsxwriter pytz sqlalchemy backcall pytest
click prompt_toolkit scikit-learn cloudpickle colorama bleach jupyter_client
alabaster nbconvert multipledispatch pyparsing lockfile pycurl
backports.functools_lru_cache heapdict console_shortcut tblib pycosat attrs
cycler ipython_genutils clyent pyopenssl urllib3 bitarray pip widgetsnbextension
itsdangerous markupsafe jupyter_core parso gevent spyder-kernels atomicwrites
pytest-arraydiff scipy backports.tempfile sphinxcontrib h5py dask pkginfo
pytest-remotedata distributed rope pyzmq sphinx llvmlite anaconda cffi menuinst
glob2 mkl_fft future tornado pytest-openfiles msgpack-python mccabe pep8
powershell_shortcut zstd pytest-doctestplus pyodbc scikit-image xlwt patsy py-
lief isort mpmath contextlib2 sympy notebook networkx py toolz packaging joblib
bkcharts filelock soupsieve openpyxl nltk docutils navigator-updater fsspec xlrd
pycparser singledispatch ipython nbformat idna statsmodels conda-build
pywavelets numexpr astropy mock babel send2trash sphinxcontrib-jsmath flask
jinja2 pywinpty comtypes more-itertools mkl_random sphinxcontrib-devhelp wheel
sortedcollections json5 virtualenv boto pygments beautifulsoup4 qtpy nose
jsonschema imageio webencodings partd jupyterlab_server cryptography anaconda-
navigator qtconsole python-dateutil mistune olefile pycodestyle path.py bokeh
pyflakes backports qtawesome anaconda-client jupyterlab werkzeug sphinxcontrib-
serializinghtml spyder keyring libtiff entrypoints pyreadline bottleneck
ipywidgets: 1%|          | 3/285 [01:03<1:19:45, 16.97s/it]
Examining conflict for pysocks lazy-object-proxy cytoolz zict win_inet_pton

```

```

sphinxcontrib-applehelp pytest-astropy conda-verify chardet jdcalf
prometheus_client fastcache imagesize jupyter_console sphinxcontrib-qthelp conda
sphinxcontrib-websupport pickleshare win_unicode_console snowballstemmer
ruamel_yaml matplotlib six sphinxcontrib-htmlhelp certifi mkl-service html5lib
seaborn pandas pytables lxml unicodcsv dask-core traitlets astroid ipykernel
terminado tqdm conda-package-handling testpath pywin32 sortedcontainers pycrypto
requests pyqt setuptools pathlib2 backports.weakref
backports.shutil_get_terminal_size pyrsistent pylint backports.os wrapt
wincertstore libarchive blosc greenlet numpydoc xlwings jedi simplegeneric
defusedxml asncrypto numpy-base jupyter sip wcwidth decorator cython pyyaml
anaconda-project et_xmlfile pandocfilters pillow numba kiwisolver xz zipp
python-libarchive-c psutil pluggy ply xlsxwriter pytz sqlalchemy backcall pytest
click prompt_toolkit scikit-learn cloudpickle colorama bleach jupyter_client
alabaster nbconvert multipledispatch pyparsing lockport pycurl
backports.functools_lru_cache heapdict console_shortcut tblib pycosat attrs
cyclor ipython_genutils clyent pyopenssl urllib3 bitarray pip widgetsnbextension
itsdangerous markupsafe jupyter_core parso gevent spyder-kernels atomicwrites
pytest-arraydiff scipy backports.tempfile sphinxcontrib h5py dask pkginfo
pytest-remotedata distributed rope pyzmq sphinx llvmlite anaconda cffi menuinst
glob2 mkl_fft future tornado pytest-openfiles msgpack-python mccabe pep8
powershell_shortcut zstd pytest-doctestplus pyodbc scikit-image xlwt patsy py-
lief isort mpmath contextlib2 sympy notebook networkx py toolz packaging joblib
bkcharts filelock soupsieve openpyxl nltk docutils navigator-updater fsspec xlrd
pyparser singledispatch ipython nbformat idna statsmodels conda-build
pywavelets numexpr astropy mock babel send2trash sphinxcontrib-jsmath flask
jinja2 pywinpty comtypes more-itertools mkl_random sphinxcontrib-devhelp wheel
sortedcollections json5 virtualenv boto pygments beautifulsoup4 qtpy nose
jsonschema imageio webencodings partd jupyterlab_server cryptography anaconda-
navigator qtconsole python-dateutil mistune olefile pycodestyle path.py bokeh
pyflakes backports qtawesome anaconda-client jupyterlab werkzeug sphinxcontrib-
serializinghtml spyder keyring libtiff entrypoints pyreadline bottleneck
ipywidgets: 1% | 4/285 [01:03<1:07:45, 14.47s/it]
Examining conflict for zeromq pysocks lazy-object-proxy cytoolz zict
win_inet_pton openssl pytest-astropy conda-verify chardet jdcalf
prometheus_client fastcache imagesize jupyter_console conda sphinxcontrib-
websupport pickleshare zlib libiconv win_unicode_console snowballstemmer
ruamel_yaml matplotlib six certifi mkl-service html5lib seaborn pandas pytables
lxml unicodcsv dask-core traitlets astroid ipykernel terminado tqdm conda-
package-handling testpath pywin32 sortedcontainers pycrypto requests pyqt
_ipyw_jlab_nb_ext_conf importlib_metadata pathlib2 setuptools backports.weakref
backports.shutil_get_terminal_size pyrsistent pylint backports.os wrapt
wincertstore libarchive blosc greenlet numpydoc xlwings jedi simplegeneric
defusedxml asncrypto icu jpeg numpy-base jupyter sip wcwidth decorator cython
pyyaml vc qt anaconda-project et_xmlfile pandocfilters pillow yaml sqlite numba
kiwisolver snappy xz python-libarchive-c zipp psutil pluggy ply xlsxwriter pytz
sqlalchemy libsodium backcall pytest click prompt_toolkit scikit-learn libcurl
cloudpickle colorama bleach jupyter_client alabaster nbconvert multipledispatch
pyparsing lockport pycurl backports.functools_lru_cache heapdict console_shortcut

```

```

tblib krb5 pycosat attrs cycler ipython_genutils clyent pyopenssl urllib3
bitarray pip widgetsnbextension freetype itsdangerous markupsafe jupyter_core
parso gevent spyder-kernels atomicwrites pytest-arraydiff scipy
backports.tempfile sphinxcontrib h5py hdf5 dask lz4-c pkginfo pytest-remotedata
distributed rope pyzmq sphinx llvmlite anaconda cffi menuinst lzo tk glob2
mkl_fft future libxml2 curl tornado msgpack-python pytest-openfiles mccabe pep8
powershell_shortcut zstd pytest-doctestplus pyodbc scikit-image xlwt patsy isort
mpmath contextlib2 sympy notebook networkx py toolz packaging joblib bkcharts
filelock soupsieve openpyxl bzip2 nltk libxslt docutils navigator-updater xlrd
pyparser singledispatch ipython nbformat idna statsmodels conda-build
pywavelets numexpr astropy mock babel tbb send2trash flask jinja2 pywinpty
comtypes more-itertools wheel sortedcollections json5 virtualenv boto pigments
beautifulsoup4 qtpy nose jsonschema imageio webencodings partd cryptography
anaconda-navigator libssh2 qtconsole libpng python-dateutil mistune olefile
pycodestyle path.py bokeh pyflakes backports qtawesome anaconda-client
jupyterlab werkzeug spyder keyring libtiff entrypoints pyreadline bottleneck
ipywidgets: 1% | 4/285 [01:45<1:07:45, 14.47s/it]
Examining conflict for zeromq psocks lazy-object-proxy cytoolz zict
win_inet_pton openssl pytest-astropy conda-verify chardet jdcalf
prometheus_client fastcache imagesize jupyter_console conda sphinxcontrib-
websupport pickleshare zlib libiconv win_unicode_console snowballstemmer
ruamel_yaml matplotlib six certifi mkl-service html5lib seaborn pandas pytables
lxml unicodedcsv dask-core traitlets astroid ipykernel terminado tqdm conda-
package-handling testpath pywin32 sortedcontainers pycrypto requests pyqt
_ipyw_jlab_nb_ext_conf importlib_metadata pathlib2 setuptools backports.weakref
backports.shutil_get_terminal_size pyrsistent pylint backports.os wrapt
wincertstore libarchive blosc greenlet numpydoc xlwings jedi simplegeneric
defusedxml asn1crypto icu jpeg numpy-base jupyter sip wcwidth decorator cython
pyyaml vc qt anaconda-project et_xmlfile pandocfilters pillow yaml sqlite numba
kiwisolver snappy xz python-libarchive-c zipp psutil pluggy ply xlsxwriter pytz
sqlalchemy libsodium backcall pytest click prompt_toolkit scikit-learn libcurl
cloudpickle colorama bleach jupyter_client alabaster nbconvert multipledispatch
pyparsing locket pycurl backports.functools_lru_cache heapdict console_shortcut
tblib krb5 pycosat attrs cycler ipython_genutils clyent pyopenssl urllib3
bitarray pip widgetsnbextension freetype itsdangerous markupsafe jupyter_core
parso gevent spyder-kernels atomicwrites pytest-arraydiff scipy
backports.tempfile sphinxcontrib h5py hdf5 dask lz4-c pkginfo pytest-remotedata
distributed rope pyzmq sphinx llvmlite anaconda cffi menuinst lzo tk glob2
mkl_fft future libxml2 curl tornado msgpack-python pytest-openfiles mccabe pep8
powershell_shortcut zstd pytest-doctestplus pyodbc scikit-image xlwt patsy isort
mpmath contextlib2 sympy notebook networkx py toolz packaging joblib bkcharts
filelock soupsieve openpyxl bzip2 nltk libxslt docutils navigator-updater xlrd
pyparser singledispatch ipython nbformat idna statsmodels conda-build
pywavelets numexpr astropy mock babel tbb send2trash flask jinja2 pywinpty
comtypes more-itertools wheel sortedcollections json5 virtualenv boto pigments
beautifulsoup4 qtpy nose jsonschema imageio webencodings partd cryptography
anaconda-navigator libssh2 qtconsole libpng python-dateutil mistune olefile
pycodestyle path.py bokeh pyflakes backports qtawesome anaconda-client

```



```

jupyterlab werkzeug spyder keyring libtiff entrypoints pyreadline bottleneck
ipywidgets: 2%|          | 5/285 [01:45<1:46:04, 22.73s/it]
Examining conflict for psocks lazy-object-proxy cytoolz zict win_inet_pton
sphinxcontrib-applehelp pytest-astropy conda-verify chardet jdcalf
prometheus_client fastcache imagesize jupyter_console sphinxcontrib-qthelp conda
numpy sphinxcontrib-websupport pickleshare win_unicode_console snowballstemmer
ruamel_yaml matplotlib six sphinxcontrib-htmlhelp certifi mkl-service html5lib
seaborn pandas pytables lxml unicodectools dask-core traitlets astroid ipykernel
terminado tqdm conda-package-handling testpath pywin32 sortedcontainers pycrypto
python requests pyqt _ipyw_jlab_nb_ext_conf importlib_metadata pathlib2
setuptools backports weakref backports.shutil_get_terminal_size pyrsistent
pylint backports.os wrapt wincertstore greenlet numpydoc xlwings jedi
simplegeneric defusedxml asncrypto numpy-base jupyter sip wcwidth decorator
cython pyyaml anaconda-project et_xmlfile pandocfilters pillow numba kiwisolver
zipp psutil python-libarchive-c pluggy ply xlswriter pytz sqlalchemy backcall
pytest click prompt_toolkit scikit-learn cloudpickle colorama bleach
jupyter_client alabaster nbconvert multipledispatch pyparsing lockfile pycurl
backports.functools_lru_cache heapdict get_terminal_size console_shortcut tblib
pycosat attrs cytools ipython_genutils clyent pyopenssl urllib3 bitarray pip
widgetsnextextension itsdangerous markupsafe jupyter_core parso event spyder-
kernels atomicwrites pytest-arraydiff scipy backports.tempfile sphinxcontrib
h5py dask pkginfo pytest-remotedata distributed rope pyzmq sphinx llvmlite
anaconda cffi menuinst glob2 mkl_fft future tornado pytest-openfiles msgpack-
python mccabe pep8 powershell_shortcut pytest-doctestplus pyodbc scikit-image
xlwt patsy py-lief isort mpmath contextlib2 sympy notebook networkx py toolz
packaging joblib bkcharts filelock soupsieve openpyxl nltk docutils navigator-
updater fsspec xlrdd pycparser singledispatch ipython nbformat idna statsmodels
conda-build pywavelets numexpr astropy mock babel send2trash sphinxcontrib-
jsmath flask jinja2 pywinpty comtypes more-itertools mkl_random sphinxcontrib-
devhelp wheel sortedcollections json5 virtualenv boto pygments kivy
beautifulsoup4 qtpy nose jsonschema imageio webencodings partd jupyterlab_server
cryptography anaconda-navigator qtconsole python-dateutil mistune olefile
pycodestyle path.py bokeh pyflakes backports.qtawesome anaconda-client
jupyterlab werkzeug sphinxcontrib-serializinghtml spyder keyring entrypoints
pyreadline bottleneck ipywidgets: 2%|          | 5/285 [02:25<1:46:04,
22.73s/it]
Examining conflict for psocks lazy-object-proxy cytoolz zict win_inet_pton
sphinxcontrib-applehelp pytest-astropy conda-verify chardet jdcalf
prometheus_client fastcache imagesize jupyter_console sphinxcontrib-qthelp conda
numpy sphinxcontrib-websupport pickleshare win_unicode_console snowballstemmer
ruamel_yaml matplotlib six sphinxcontrib-htmlhelp certifi mkl-service html5lib
seaborn pandas pytables lxml unicodectools dask-core traitlets astroid ipykernel
terminado tqdm conda-package-handling testpath pywin32 sortedcontainers pycrypto
python requests pyqt _ipyw_jlab_nb_ext_conf importlib_metadata pathlib2
setuptools backports weakref backports.shutil_get_terminal_size pyrsistent
pylint backports.os wrapt wincertstore greenlet numpydoc xlwings jedi
simplegeneric defusedxml asncrypto numpy-base jupyter sip wcwidth decorator
cython pyyaml anaconda-project et_xmlfile pandocfilters pillow numba kiwisolver

```

```

zipp psutil python-libarchive-c pluggy ply xlswriter pytz sqlalchemy backcall
pytest click prompt_toolkit scikit-learn cloudpickle colorama bleach
jupyter_client alabaster nbconvert multipledispatch pyparsing locket pycurl
backports.functools_lru_cache heapdict get_terminal_size console_shortcut tblib
pycosat attrs cycler ipython_genutils clyent pyopenssl urllib3 bitarray pip
widgetsnbextension itsdangerous markupsafe jupyter_core parso gevent spyder-
kernels atomicwrites pytest-arraydiff scipy backports.tempfile sphinxcontrib
h5py dask pkginfo pytest-remotedata distributed rope pyzmq sphinx llvmlite
anaconda cffi menuinst glob2 mkl_fft future tornado pytest-openfiles msgpack-
python mccabe pep8 powershell_shortcut pytest-doctestplus pyodbc scikit-image
xlwt patsy py-lief isort mpmath contextlib2 sympy notebook networkx py toolz
packaging joblib bkcharts filelock soupsieve openpyxl nltk docutils navigator-
updater fsspec xldr pycparser singledispatch ipython nbformat idna statsmodels
conda-build pywavelets numexpr astropy mock babel send2trash sphinxcontrib-
jmath flask jinja2 pywinpty comtypes more-itertools mkl_random sphinxcontrib-
devhelp wheel sortedcollections json5 virtualenv boto pygments kivy
beautifulsoup4 qtpy nose jsonschema imageio webencodings partd jupyterlab_server
cryptography anaconda-navigator qtconsole python-dateutil mistune olefile
pycodestyle path.py bokeh pyflakes backports.qtawesome anaconda-client
jupyterlab werkzeug sphinxcontrib-serializinghtml spyder keyring entrypoints
pyreadline bottleneck ipywidgets: 2%|          | 6/285 [02:25<2:09:06,
27.76s/it]

```

```

Examining conflict for psocks lazy-object-proxy cytoolz zict win_inet_pton
sphinxcontrib-applehelp openssl pytest-astropy conda-verify chardet jdcad
prometheus_client fastcache imagesize jupyter_console sphinxcontrib-qthelp conda
numpy sphinxcontrib-websupport pickleshare win_unicode_console snowballstemmer
ruamel_yaml matplotlib six sphinxcontrib-htmlhelp certifi mkl-service html5lib
seaborn pandas pytables lxml unicodedcsv dask-core traitlets astroid ipykernel
terminado tqdm conda-package-handling testpath pywin32 sortedcontainers pycrypto
python requests pyqt _ipyw_jlab_nb_ext_conf importlib_metadata pathlib2
setuptools backports.weakref backports.shutil_get_terminal_size pypersistent
pylint backports.os wrapt wincertstore libarchive greenlet numpydoc xlwings jedi
simplegeneric defusedxml asn1crypto numpy-base jupyter sip wcwidth decorator
cython pyyaml qt anaconda-project et_xmlfile pandocfilters pillow numba
kiwisolver zipp psutil python-libarchive-c pluggy ply xlswriter pytz sqlalchemy
backcall pytest click prompt_toolkit scikit-learn libcurl cloudpickle colorama
bleach jupyter_client alabaster nbconvert multipledispatch pyparsing locket
pycurl backports.functools_lru_cache heapdict console_shortcut tblib krb5
pycosat attrs cycler ipython_genutils clyent pyopenssl urllib3 bitarray pip
widgetsnbextension itsdangerous markupsafe jupyter_core parso gevent spyder-
kernels atomicwrites pytest-arraydiff scipy backports.tempfile sphinxcontrib
h5py dask pkginfo pytest-remotedata distributed rope pyzmq sphinx llvmlite
anaconda cffi menuinst glob2 mkl_fft future tornado curl pytest-openfiles
msgpack-python mccabe pep8 powershell_shortcut pytest-doctestplus pyodbc scikit-
image xlwt patsy py-lief isort mpmath contextlib2 sympy notebook networkx py
toolz packaging joblib bkcharts filelock soupsieve openpyxl nltk docutils
navigator-updater fsspec xldr pycparser singledispatch ipython nbformat idna
statsmodels conda-build pywavelets numexpr astropy mock babel send2trash

```

sphinxcontrib-jsmath flask jinja2 pywinpty comtypes more-itertools mkl_random
sphinxcontrib-devhelp wheel sortedcollections json5 virtualenv boto pygments
kivy beautifulsoup4 qtpy nose jsonschema imageio webencodings partd
jupyterlab_server cryptography anaconda-navigator libssh2 qtconsole python-
dateutil mistune olefile pycodestyle path.py bokeh pyflakes backports qtawesome
anaconda-client jupyterlab werkzeug sphinxcontrib-serializinghtml spyder keyring
entrypoints pyreadline bottleneck ipywidgets: 2%| | 6/285
[03:07<2:09:06, 27.76s/it]

Examining conflict for psocks lazy-object-proxy cytoolz zict win_inet_pton
sphinxcontrib-applehelp openssl pytest-astropy conda-verify chardet jdcalf
prometheus_client fastcache imagesize jupyter_console sphinxcontrib-qthelp conda
numpy sphinxcontrib-websupport pickleshare win_unicode_console snowballstemmer
ruamel_yaml matplotlib six sphinxcontrib-htmlhelp certifi mkl-service html5lib
seaborn pandas pytables lxml unicodcsv dask-core traitlets astroid ipykernel
terminado tqdm conda-package-handling testpath pywin32 sortedcontainers pycrypto
python requests pyqt _ipyw_jlab_nb_ext_conf importlib_metadata pathlib2
setuptools backports weakref backports.shutil_get_terminal_size pyrsistent
pylint backports.os wrapt wincertstore libarchive greenlet numpydoc xlwings jedi
simplegeneric defusedxml asn1crypto numpy-base jupyter sip wcwidth decorator
cython pyyaml qt anaconda-project et_xmlfile pandocfilters pillow numba
kiwisolver zipp psutil python-libarchive-c pluggy ply xlswriter pytz sqlalchemy
backcall pytest click prompt_toolkit scikit-learn libcurl cloudpickle colorama
bleach jupyter_client alabaster nbconvert multipledispatch pyparsing lockfile
pycurl backports.functools_lru_cache heapdict console_shortcut tblib krb5
pycosat attrs cyclical ipython_genutils clyent pyopenssl urllib3 bitarray pip
widgets_nbextension itsdangerous markupsafe jupyter_core parso eventlet spyder-
kernels atomicwrites pytest-arraydiff scipy backports.tempfile sphinxcontrib
h5py dask pkginfo pytest-remotedata distributed rope pyzmq sphinx llvmlite
anaconda cffi menuinst glob2 mkl_fft future tornado curl pytest-openfiles
msgpack-python mccabe pep8 powershell_shortcut pytest-doctestplus pyodbc scikit-
image xlwt patsy py-lief isort mpmath contextlib2 sympy notebook networkx py
toolz packaging joblib bkcharts filelock soupsieve openpyxl nltk docutils
navigator-updater fsspec xlrd pycparser singledispatch ipython nbformat idna
statsmodels conda-build pywavelets numexpr astropy mock babel send2trash
sphinxcontrib-jsmath flask jinja2 pywinpty comtypes more-itertools mkl_random
sphinxcontrib-devhelp wheel sortedcollections json5 virtualenv boto pygments
kivy beautifulsoup4 qtpy nose jsonschema imageio webencodings partd
jupyterlab_server cryptography anaconda-navigator libssh2 qtconsole python-
dateutil mistune olefile pycodestyle path.py bokeh pyflakes backports qtawesome
anaconda-client jupyterlab werkzeug sphinxcontrib-serializinghtml spyder keyring
entrypoints pyreadline bottleneck ipywidgets: 2%| | 7/285
[03:07<2:28:51, 32.13s/it]

Examining conflict for psocks lazy-object-proxy cytoolz zict win_inet_pton
sphinxcontrib-applehelp pytest-astropy conda-verify chardet jdcalf
prometheus_client fastcache imagesize jupyter_console sphinxcontrib-qthelp conda
sphinxcontrib-websupport pickleshare win_unicode_console snowballstemmer
ruamel_yaml matplotlib six sphinxcontrib-htmlhelp certifi mkl-service html5lib
seaborn pandas pytables lxml unicodcsv dask-core traitlets astroid ipykernel

```

terminado tqdm conda-package-handling testpath pywin32 sortedcontainers pycrypto
requests pyqt setuptools pathlib2 backports weakref
backports.shutil_get_terminal_size pyrsistent pylint backports.os wrapt
wincertstore greenlet numpydoc xlwings jedi simplegeneric defusedxml asn1crypto
numpy-base jupyter sip wcwidth decorator cython pyyaml anaconda-project
et_xmlfile pandocfilters pillow numba kiwisolver zipp psutil python-libarchive-c
pluggy ply xlswriter pytz sqlalchemy backcall pytest click prompt_toolkit
scikit-learn libcurl cloudpickle colorama bleach jupyter_client alabaster
nbconvert multipledispatch pyparsing lockfile pycurl backports.functools_lru_cache
heapdict console_shortcut tblib krb5 pycosat attrs cyclr ipython_genutils
clyent pyopenssl urllib3 bitarray pip widgetsnbextension itsdangerous markupsafe
jupyter_core parso event spyder-kernels atomicwrites pytest-arraydiff scipy
backports.tempfile sphinxcontrib h5py dask pkginfo pytest-remotedata distributed
rope pyzmq sphinx llvmlite anaconda cffi menuinst tk glob2 mkl_fft future
tornado curl pytest-openfiles msgpack-python mccabe pep8 powershell_shortcut
pytest-doctestplus pyodbc scikit-image xlwt patsy py-lief isort mpmath
contextlib2 sympy notebook networkx py toolz packaging joblib bkcharts filelock
soupsieve openpyxl nltk docutils navigator-updater fsspec xldr pycparser
singledispatch ipython nbformat idna statsmodels conda-build pywavelets numexpr
astropy mock babel send2trash sphinxcontrib-jsmath flask jinja2 pywinpty
comtypes more-itertools mkl_random sphinxcontrib-devhelp wheel sortedcollections
json5 virtualenv boto pygments kivy beautifulsoup4 qtpy nose jsonschema imageio
webencodings partd jupyterlab_server cryptography anaconda-navigator qtconsole
python-dateutil mistune olefile pycodestyle path.py bokeh pyflakes backports
qtawesome anaconda-client jupyterlab werkzeug sphinxcontrib-serializinghtml
spyder keyring entrypoints pyreadline bottleneck ipywidgets: 2%|          |
7/285 [03:52<2:28:51, 32.13s/it]

```

```

Examining conflict for psocks lazy-object-proxy cytoolz zict win_inet_pton
sphinxcontrib-applehelp pytest-astropy conda-verify chardet jdcad
prometheus_client fastcache imagesize jupyter_console sphinxcontrib-qthelp conda
sphinxcontrib-websupport pickleshare win_unicode_console snowballstemmer
ruamel_yaml matplotlib six sphinxcontrib-htmlhelp certifi mkl-service html5lib
seaborn pandas pytables lxml unicodedata dask-core traitlets astroid ipykernel
terminado tqdm conda-package-handling testpath pywin32 sortedcontainers pycrypto
requests pyqt setuptools pathlib2 backports weakref
backports.shutil_get_terminal_size pyrsistent pylint backports.os wrapt
wincertstore greenlet numpydoc xlwings jedi simplegeneric defusedxml asn1crypto
numpy-base jupyter sip wcwidth decorator cython pyyaml anaconda-project
et_xmlfile pandocfilters pillow numba kiwisolver zipp psutil python-libarchive-c
pluggy ply xlswriter pytz sqlalchemy backcall pytest click prompt_toolkit
scikit-learn libcurl cloudpickle colorama bleach jupyter_client alabaster
nbconvert multipledispatch pyparsing lockfile pycurl backports.functools_lru_cache
heapdict console_shortcut tblib krb5 pycosat attrs cyclr ipython_genutils
clyent pyopenssl urllib3 bitarray pip widgetsnbextension itsdangerous markupsafe
jupyter_core parso event spyder-kernels atomicwrites pytest-arraydiff scipy
backports.tempfile sphinxcontrib h5py dask pkginfo pytest-remotedata distributed
rope pyzmq sphinx llvmlite anaconda cffi menuinst tk glob2 mkl_fft future
tornado curl pytest-openfiles msgpack-python mccabe pep8 powershell_shortcut

```

```

pytest-doctestplus pyodbc scikit-image xlwt patsy py-lief isort mpmath
contextlib2 sympy notebook networkx py toolz packaging joblib bkcharts filelock
soupsieve openpyxl nltk docutils navigator-updater fsspec xlrd pycparser
singledispatch ipython nbformat idna statsmodels conda-build pywavelets numexpr
astropy mock babel send2trash sphinxcontrib-jsmath flask jinja2 pywinpty
comtypes more-itertools mkl_random sphinxcontrib-devhelp wheel sortedcollections
json5 virtualenv boto pigments kivy beautifulsoup4 qtpy nose jsonschema imageio
webencodings partd jupyterlab_server cryptography anaconda-navigator qtconsole
python-dateutil mistune olefile pycodestyle path.py bokeh pyflakes backports
qtawesome anaconda-client jupyterlab werkzeug sphinxcontrib-serializinghtml
spyder keyring entrypoints pyreadline bottleneck ipywidgets: 3%|          |
8/285 [03:52<2:46:24, 36.04s/it]
Examining conflict for zeromq psocks lazy-object-proxy cytoolz zict
win_inet_pton sphinxcontrib-applehelp openssl pytest-astropy conda-verify
chardet jdcals prometheus_client fastcache imagesize jupyter_console
sphinxcontrib-qthelp conda numpy sphinxcontrib-websupport pickleshare zlib
sdl2_mixer libiconv win_unicode_console snowballstemmer ruamel_yaml matplotlib
six sphinxcontrib-htmlhelp certifi mkl-service html5lib seaborn pandas pytables
lxml unicodedata dask-core traitlets astroid ipykernel terminado tqdm conda-
package-handling testpath pywin32 sortedcontainers pycrypto python requests pyqt
_ipyw_jlab_nb_ext_conf importlib_metadata pathlib2 setuptools backports weakref
backports.shutil_get_terminal_size pyrsistent pylint backports.os wrapt
wincertstore libarchive blosc greenlet numpydoc xlwings jedi simplegeneric
defusedxml asn1crypto icu jpeg numpy-base jupyter sip wcwidth decorator cython
pyyaml sdl2 vc qt anaconda-project et_xmlfile pandocfilters pillow yaml sqlite
numba kiwisolver snappy xz python-libarchive-c zipp intel-openmp psutil pluggy
xlsxwriter ply pytz sqlalchemy libsodium backcall pytest click prompt_toolkit
scikit-learn libcurl cloudpickle colorama bleach jupyter_client sdl2_ttf
alabaster nbconvert multipledispatch pyparsing lockfile pycurl smpeg2
backports.functools_lru_cache heapdict console_shortcut tblib krb5 pycosat attrs
cycler ipython_genutils clyent pyopenssl urllib3 bitarray pip widgetsnbextension
freetype itsdangerous markupsafe jupyter_core parso event spyder-kernels
atomicwrites pytest-arraydiff scipy backports.tempfile sphinxcontrib h5py hdf5
dask lz4-c pkginfo pytest-remotedata distributed rope pyzmq sphinx llvmlite
anaconda cffi menuinst lzo tk glob2 mkl_fft future libxml2 curl tornado msgpack-
python pytest-openfiles mccabe pep8 powershell_shortcut zstd pytest-doctestplus
pyodbc scikit-image xlwt patsy py-lief isort mpmath contextlib2 glew sympy
notebook networkx py toolz packaging winpty joblib bkcharts filelock soupsieve
openpyxl bzip2 nltk libxslt liblief docutils navigator-updater fsspec xlrd
pycparser singledispatch ipython nbformat idna statsmodels conda-build
pywavelets numexpr astropy mock babel mkl tbb send2trash sphinxcontrib-jsmath
flask jinja2 pywinpty comtypes more-itertools mkl_random sphinxcontrib-devhelp
wheel sortedcollections json5 virtualenv boto pigments kivy beautifulsoup4 qtpy
nose jsonschema imageio webencodings partd jupyterlab_server cryptography
anaconda-navigator libssh2 qtconsole libpng python-dateutil mistune olefile
pycodestyle path.py bokeh pyflakes backports qtawesome anaconda-client
vs2015_runtime jupyterlab werkzeug sphinxcontrib-serializinghtml spyder keyring
libtiff entrypoints pyreadline bottleneck ipywidgets: 3%|          | 8/285

```

[04:33<2:46:24, 36.04s/it]

Examining conflict for zeromq pysocks lazy-object-proxy cytoolz zict
win_inet_pton sphinxcontrib-applehelp openssl pytest-astropy conda-verify
chardet jdcals prometheus_client fastcache imagesize jupyter_console
sphinxcontrib-qthelp conda numpy sphinxcontrib-websupport pickleshare zlib
sdl2_mixer libiconv win_unicode_console snowballstemmer ruamel_yaml matplotlib
six sphinxcontrib-htmlhelp certifi mkl-service html5lib seaborn pandas pytables
lxml unicodedcsv dask-core traitlets astroid ipykernel terminado tqdm conda-
package-handling testpath pywin32 sortedcontainers pycrypto python requests pyqt
_ipyw_jlab_nb_ext_conf importlib_metadata pathlib2 setuptools backports.weakref
backports.shutil_get_terminal_size pyrsistent pylint backports.os wrapt
wincertstore libarchive blosc greenlet numpydoc xlwings jedi simplegeneric
defusedxml asncrypto icu jpeg numpy-base jupyter sip wcwidth decorator cython
pyyaml sdl2 vc qt anaconda-project et_xmlfile pandocfilters pillow yaml sqlite
numba kiwisolver snappy xz python-libarchive-c zipp intel-openmp psutil pluggy
xlsxwriter ply pytz sqlalchemy libsodium backcall pytest click prompt_toolkit
scikit-learn libcurl cloudpickle colorama bleach jupyter_client sdl2_ttf
alabaster nbconvert multipledispatch pyparsing lockfile pycurl smpeg2
backports.functools_lru_cache heapdict console_shortcut tblib krb5 pycosat attrs
cyclor ipython_genutils clyent pyopenssl urllib3 bitarray pip widgetsnbextension
freetype itsdangerous markupsafe jupyter_core parso event spyder-kernels
atomicwrites pytest-arraydiff scipy backports.tempfile sphinxcontrib_h5py hdf5
dask lz4-c pkginfo pytest-remotedata distributed rope pyzmq sphinx llvmlite
anaconda cffi menuinst lzo tk glob2 mkl_fft future libxml2 curl tornado msgpack-
python pytest-openfiles mccabe pep8 powershell_shortcut zstd pytest-doctestplus
pyodbc scikit-image xlwt patsy py-lief isort mpmath contextlib2 glew sympy
notebook networkx py toolz packaging winpty joblib bkcharts filelock soupsieve
openpyxl bzip2 nltk libxslt liblief docutils navigator-updater fsspec xlr
pycparser singledispatch ipython nbformat idna statsmodels conda-build
pywavelets numexpr astropy mock babel mkl tbb send2trash sphinxcontrib-jsmath
flask jinja2 pywinpty comtypes more-itertools mkl_random sphinxcontrib-devhelp
wheel sortedcollections json5 virtualenv boto pygments kivy beautifulsoup4 qtpy
nose jsonschema imageio webencodings partd jupyterlab_server cryptography
anaconda-navigator libssh2 qtconsole libpng python-dateutil mistune olefile
pycodestyle path.py bokeh pyflakes backports.qtawesome anaconda-client
vs2015_runtime jupyterlab werkzeug sphinxcontrib-serializinghtml spyder keyring
libtiff entrypoints pyreadline bottleneck ipywidgets: 3% | 9/285

[04:33<2:52:37, 37.53s/it]

Examining conflict for pysocks lazy-object-proxy cytoolz zict win_inet_pton
sphinxcontrib-applehelp pytest-astropy conda-verify chardet jdcals
prometheus_client fastcache imagesize jupyter_console sphinxcontrib-qthelp conda
sphinxcontrib-websupport pickleshare zlib win_unicode_console snowballstemmer
ruamel_yaml matplotlib six sphinxcontrib-htmlhelp certifi mkl-service html5lib
seaborn pandas pytables lxml unicodedcsv dask-core traitlets astroid ipykernel
terminado tqdm conda-package-handling testpath pywin32 sortedcontainers pycrypto
python requests pyqt setuptools pathlib2 backports.weakref
backports.shutil_get_terminal_size pyrsistent pylint backports.os wrapt
wincertstore libarchive blosc greenlet numpydoc xlwings jedi simplegeneric

```

defusedxml asncrypto numpy-base jupyter sip wcwidth decorator cython pyyaml qt
anaconda-project et_xmlfile pandocfilters pillow sqlite numba kiwisolver zipp
psutil python-libarchive-c pluggy ply xlswriter pytz sqlalchemy backcall pytest
click prompt_toolkit scikit-learn libcurl cloudpickle colorama bleach
jupyter_client sdl2_ttf alabaster nbconvert multipledispatch pyparsing lock
pycurl backports.functools_lru_cache heapdict console_shortcut tblib pycosat
attrs cyler ipython_genutils clyent pyopenssl urllib3 bitarray pip
widgetsnbextension freetype itsdangerous markupsafe jupyter_core parso gevent
spyder-kernels atomicwrites pytest-arraydiff scipy backports.tempfile
sphinxcontrib h5py hdf5 dask pkginfo pytest-remotedata distributed rope pyzmq
sphinx llvmlite anaconda cffi menuinst glob2 mkl_fft future libxml2 curl tornado
msgpack-python pytest-openfiles mccabe pep8 powershell_shortcut zstd pytest-
doctestplus pyodbc scikit-image xlwt patsy py-lief isort mpmath contextlib2
sympy notebook networkx py toolz packaging joblib bkcharts filelock soupsieve
openpyxl nltk libxslt docutils navigator-updater fsspec xldr pycparser
singledispatch ipython nbformat idna statsmodels conda-build pywavelets numexpr
astropy mock babel send2trash sphinxcontrib-jsmath flask jinja2 pywinpty
comtypes more-itertools mkl_random sphinxcontrib-devhelp wheel sortedcollections
json5 virtualenv boto pygments kivy beautifulsoup4 qtpy nose jsonschema imageio
webencodings partd jupyterlab_server cryptography anaconda-navigator qtconsole
libpng python-dateutil mistune olefile pycodestyle path.py bokeh pyflakes
backports.qtawesome anaconda-client jupyterlab werkzeug sphinxcontrib-
serializinghtml spyder keyring libtiff entrypoints pyreadline bottleneck
ipywidgets: 3% | 9/285 [05:15<2:52:37, 37.53s/it]
Examining conflict for psocks lazy-object-proxy cytoolz zict win_inet_pton
sphinxcontrib-applehelp pytest-astropy conda-verify chardet jdc
prometheus_client fastcache imagesize jupyter_console sphinxcontrib-qthelp conda
sphinxcontrib-websupport pickleshare zlib win_unicode_console snowballstemmer
ruamel_yaml matplotlib six sphinxcontrib-htmlhelp certifi mkl-service html5lib
seaborn pandas pytables lxml unicodcsv dask-core traitlets astroid ipykernel
terminado tqdm conda-package-handling testpath pywin32 sortedcontainers pycrypto
python requests pyqt setuptools pathlib2 backports.weakref
backports.shutil_get_terminal_size pyrsistent pylint backports.os wrapt
wincertstore libarchive blosc greenlet numpydoc xlwings jedi simplegeneric
defusedxml asncrypto numpy-base jupyter sip wcwidth decorator cython pyyaml qt
anaconda-project et_xmlfile pandocfilters pillow sqlite numba kiwisolver zipp
psutil python-libarchive-c pluggy ply xlswriter pytz sqlalchemy backcall pytest
click prompt_toolkit scikit-learn libcurl cloudpickle colorama bleach
jupyter_client sdl2_ttf alabaster nbconvert multipledispatch pyparsing lock
pycurl backports.functools_lru_cache heapdict console_shortcut tblib pycosat
attrs cyler ipython_genutils clyent pyopenssl urllib3 bitarray pip
widgetsnbextension freetype itsdangerous markupsafe jupyter_core parso gevent
spyder-kernels atomicwrites pytest-arraydiff scipy backports.tempfile
sphinxcontrib h5py hdf5 dask pkginfo pytest-remotedata distributed rope pyzmq
sphinx llvmlite anaconda cffi menuinst glob2 mkl_fft future libxml2 curl tornado
msgpack-python pytest-openfiles mccabe pep8 powershell_shortcut zstd pytest-
doctestplus pyodbc scikit-image xlwt patsy py-lief isort mpmath contextlib2
sympy notebook networkx py toolz packaging joblib bkcharts filelock soupsieve

```

```

openpyxl nltk libxslt docutils navigator-updater fsspec xlrld pycparser
singledispatch ipython nbformat idna statsmodels conda-build pywavelets numexpr
astropy mock babel send2trash sphinxcontrib-jsmath flask jinja2 pywinpty
comtypes more-itertools mkl_random sphinxcontrib-devhelp wheel sortedcollections
json5 virtualenv boto pygments kivy beautifulsoup4 qtpy nose jsonschema imageio
webencodings partd jupyterlab_server cryptography anaconda-navigator qtconsole
libpng python-dateutil mistune olefile pycodestyle path.py bokeh pyflakes
backports qtawesome anaconda-client jupyterlab werkzeug sphinxcontrib-
serializinghtml spyder keyring libtiff entrypoints pyreadline bottleneck
ipywidgets: 4%|          | 10/285 [05:15<2:58:15, 38.89s/it]
Examining conflict for psocks lazy-object-proxy cytoolz zict win_inet_pton
sphinxcontrib-applehelp pytest-astropy conda-verify chardet jdcals
prometheus_client fastcache imagesize jupyter_console sphinxcontrib-qthelp conda
sphinxcontrib-websupport pickleshare win_unicode_console snowballstemmer
ruamel_yaml matplotlib six sphinxcontrib-htmlhelp certifi mkl-service html5lib
seaborn pandas pytables lxml unicodcsv dask-core traitlets astroid ipykernel
terminado tqdm conda-package-handling testpath pywin32 sortedcontainers pycrypto
requests pyqt setuptools pathlib2 backports.weakref
backports.shutil_get_terminal_size pyrsistent pylint backports.os wrapt
wincertstore libarchive greenlet numpydoc xlwings jedi simplegeneric defusedxml
asn1crypto numpy-base jupyter sip wcwidth decorator cython pyyaml anaconda-
project et_xmlfile pandocfilters pillow numba kiwisolver zipp psutil python-
libarchive-c pluggy ply xlswriter pytz sqlalchemy backcall pytest click
prompt_toolkit scikit-learn cloudpickle colorama bleach jupyter_client alabaster
nbconvert multipledispatch pyparsing locket pycurl backports.functools_lru_cache
heapdict console_shortcut tblib pycosat attrs cycler ipython_genutils clyent
pyopenssl urllib3 bitarray pip widgetsnbextension itsdangerous markupsafe
jupyter_core parso event spyder-kernels atomicwrites pytest-arraydiff scipy
backports.tempfile sphinxcontrib h5py dask pkginfo pytest-remotedata distributed
rope pyzmq sphinx llvmlite anaconda cffi menuinst glob2 mkl_fft future tornado
pytest-openfiles msgpack-python mccabe pep8 powershell_shortcut pytest-
doctestplus pyodbc scikit-image xlwt patsy py-lief isort mpmath contextlib2
sympy notebook networkx py toolz packaging joblib bkcharts filelock soupsieve
openpyxl bzip2 nltk docutils navigator-updater fsspec xlrld pycparser
singledispatch ipython nbformat idna statsmodels conda-build pywavelets numexpr
astropy mock babel send2trash sphinxcontrib-jsmath flask jinja2 pywinpty
comtypes more-itertools mkl_random sphinxcontrib-devhelp wheel sortedcollections
json5 virtualenv boto pygments beautifulsoup4 qtpy nose jsonschema imageio
webencodings partd jupyterlab_server cryptography anaconda-navigator qtconsole
python-dateutil mistune olefile pycodestyle path.py bokeh pyflakes backports
qtawesome anaconda-client jupyterlab werkzeug sphinxcontrib-serializinghtml
spyder keyring entrypoints pyreadline bottleneck ipywidgets: 4%|          |
10/285 [05:56<2:58:15, 38.89s/it]
Examining conflict for psocks lazy-object-proxy cytoolz zict win_inet_pton
sphinxcontrib-applehelp pytest-astropy conda-verify chardet jdcals
prometheus_client fastcache imagesize jupyter_console sphinxcontrib-qthelp conda
sphinxcontrib-websupport pickleshare win_unicode_console snowballstemmer
ruamel_yaml matplotlib six sphinxcontrib-htmlhelp certifi mkl-service html5lib

```



```

seaborn pandas pytables lxml unicodcsv dask-core traitlets astroid ipykernel
terminado tqdm conda-package-handling testpath pywin32 sortedcontainers pycrypto
requests pyqt setuptools pathlib2 backports.weakref
backports.shutil_get_terminal_size pyrsistent pylint backports.os wrapt
wincertstore libarchive greenlet numpydoc xlwings jedi simplegeneric defusedxml
asn1crypto numpy-base jupyter sip wcwidth decorator cython pyyaml anaconda-
project et_xmlfile pandocfilters pillow numba kiwisolver zipp psutil python-
libarchive-c pluggy ply xlswriter pytz sqlalchemy backcall pytest click
prompt_toolkit scikit-learn cloudpickle colorama bleach jupyter_client alabaster
nbconvert multipledispatch pyparsing lockport pycurl backports.functools_lru_cache
heapdict console_shortcut tblib pycosat attrs cycler ipython_genutils clyent
pyopenssl urllib3 bitarray pip widgetsnbextension itsdangerous markupsafe
jupyter_core parso gevent spyder-kernels atomicwrites pytest-arraydiff scipy
backports.tempfile sphinxcontrib h5py dask pkginfo pytest-remotedata distributed
rope pyzmq sphinx llvmlite anaconda cffi menuinst glob2 mkl_fft future tornado
pytest-openfiles msgpack-python mccabe pep8 powershell_shortcut pytest-
doctestplus pyodbc scikit-image xlwt patsy py-lief isort mpmath contextlib2
sympy notebook networkx py toolz packaging joblib bkcharts filelock soupsieve
openpyxl bzip2 nltk docutils navigator-updater fsspec xldr pycparser
singledispatch ipython nbformat idna statsmodels conda-build pywavelets numexpr
astropy mock babel send2trash sphinxcontrib-jsmath flask jinja2 pywintpy
comtypes more-itertools mkl_random sphinxcontrib-devhelp wheel sortedcollections
json5 virtualenv boto pygments beautifulsoup4 qtpy nose jsonschema imageio
webencodings partd jupyterlab_server cryptography anaconda-navigator qtconsole
python-dateutil mistune olefile pycodestyle path.py bokeh pyflakes backports
qtawesome anaconda-client jupyterlab werkzeug sphinxcontrib-serializinghtml
spyder keyring entrypoints pyreadline bottleneck ipywidgets: 4%|          |
11/285 [05:56<3:00:44, 39.58s/it]
Examining conflict for psocks lazy-object-proxy cytoolz zict win_inet_pton
sphinxcontrib-applehelp pytest-astropy conda-verify chardet jdcalf
prometheus_client fastcache imagesize jupyter_console sphinxcontrib-qthelp conda
numpy sphinxcontrib-websupport pickleshare win_unicode_console snowballstemmer
ruamel_yaml matplotlib six sphinxcontrib-htmlhelp certifi mkl-service html5lib
seaborn pandas pytables lxml unicodcsv dask-core traitlets astroid ipykernel
terminado tqdm conda-package-handling testpath pywin32 sortedcontainers pycrypto
python requests pyqt _ipyw_jlab_nb_ext_conf importlib_metadata pathlib2
setuptools backports.weakref backports.shutil_get_terminal_size pyrsistent
pylint backports.os wrapt wincertstore greenlet numpydoc xlwings jedi
simplegeneric defusedxml asn1crypto numpy-base jupyter sip wcwidth decorator
cython pyyaml anaconda-project et_xmlfile pandocfilters pillow numba kiwisolver
zipp psutil python-libarchive-c pluggy ply xlswriter pytz sqlalchemy backcall
pytest click prompt_toolkit scikit-learn cloudpickle colorama bleach
jupyter_client alabaster nbconvert multipledispatch pyparsing lockport pycurl
backports.functools_lru_cache heapdict console_shortcut tblib pycosat attrs
cycler ipython_genutils clyent pyopenssl urllib3 bitarray pip widgetsnbextension
itsdangerous markupsafe jupyter_core parso gevent spyder-kernels atomicwrites
pytest-arraydiff scipy backports.tempfile sphinxcontrib h5py dask pkginfo
pytest-remotedata distributed rope pyzmq sphinx llvmlite anaconda cffi menuinst

```

```

glob2 mkl_fft future tornado pytest-openfiles msgpack-python mccabe pep8
powershell_shortcut pytest-doctestplus pyodbc scikit-image xlwt patsy py-lief
isort mpmath contextlib2 sympy notebook networkx py toolz packaging joblib
bkcharts filelock soupsieve openpyxl nltk docutils navigator-updater fsspec xldr
pyparser singledispatch ipython nbformat idna statsmodels conda-build
pywavelets numexpr astropy mock babel send2trash sphinxcontrib-jsmath flask
jinja2 pywinpty comtypes more-itertools mkl_random sphinxcontrib-devhelp wheel
sortedcollections json5 virtualenv boto pygments kivy beautifulsoup4 qtpy nose
jsonschema imageio webencodings partd jupyterlab_server cryptography anaconda-
navigator qtconsole python-dateutil mistune olefile pycodestyle path.py bokeh
pyflakes backports qtawesome anaconda-client jupyterlab werkzeug sphinxcontrib-
serializinghtml spyder keyring entrypoints pyreadline bottleneck ipywidgets:
4%|          | 11/285 [06:38<3:00:44, 39.58s/it]

```

```

Examining conflict for psocks lazy-object-proxy cytoolz zict win_inet_pton
sphinxcontrib-applehelp pytest-astropy conda-verify chardet jdcalf
prometheus_client fastcache imagesize jupyter_console sphinxcontrib-qthelp conda
numpy sphinxcontrib-websupport pickleshare win_unicode_console snowballstemmer
ruamel_yaml matplotlib six sphinxcontrib-htmlhelp certifi mkl-service html5lib
seaborn pandas pytables lxml unicodcsv dask-core traitlets astroid ipykernel
terminado tqdm conda-package-handling testpath pywin32 sortedcontainers pycrypto
python requests pyqt _ipyw_jlab_nb_ext_conf importlib_metadata pathlib2
setuptools backports.weakref backports.shutil_get_terminal_size pyrsistent
pylint backports.os wrapt wincertstore greenlet numpydoc xlwings jedi
simplegeneric defusedxml asn1crypto numpy-base jupyter sip wcwidth decorator
cython pyyaml anaconda-project et_xmlfile pandocfilters pillow numba kiwisolver
zipper psutil python-libarchive-c pluggy ply xlswriter pytz sqlalchemy backcall
pytest click prompt_toolkit scikit-learn cloudpickle colorama bleach
jupyter_client alabaster nbconvert multipledispatch pyparsing lockfile pycurl
backports.functools_lru_cache heapdict console_shortcut tblib pycosat attrs
cycler ipython_genutils clyent pyopenssl urllib3 bitarray pip widgetsnbextension
itsdangerous markupsafe jupyter_core parso gevent spyder-kernels atomicwrites
pytest-arraydiff scipy backports.tempfile sphinxcontrib h5py dask pkginfo
pytest-remotedata distributed rope pyzmq sphinx llvmlite anaconda cffi menuinst
glob2 mkl_fft future tornado pytest-openfiles msgpack-python mccabe pep8
powershell_shortcut pytest-doctestplus pyodbc scikit-image xlwt patsy py-lief
isort mpmath contextlib2 sympy notebook networkx py toolz packaging joblib
bkcharts filelock soupsieve openpyxl nltk docutils navigator-updater fsspec xldr
pyparser singledispatch ipython nbformat idna statsmodels conda-build
pywavelets numexpr astropy mock babel send2trash sphinxcontrib-jsmath flask
jinja2 pywinpty comtypes more-itertools mkl_random sphinxcontrib-devhelp wheel
sortedcollections json5 virtualenv boto pygments kivy beautifulsoup4 qtpy nose
jsonschema imageio webencodings partd jupyterlab_server cryptography anaconda-
navigator qtconsole python-dateutil mistune olefile pycodestyle path.py bokeh
pyflakes backports qtawesome anaconda-client jupyterlab werkzeug sphinxcontrib-
serializinghtml spyder keyring entrypoints pyreadline bottleneck ipywidgets:
4%|          | 12/285 [06:38<3:02:46, 40.17s/it]

```

```

Examining conflict for psocks lazy-object-proxy cytoolz zict win_inet_pton
sphinxcontrib-applehelp pytest-astropy conda-verify chardet jdcalf

```

prometheus_client fastcache imagesize jupyter_console sphinxcontrib-qthelp conda
numpy sphinxcontrib-websupport pickleshare win_unicode_console snowballstemmer
ruamel_yaml matplotlib six sphinxcontrib-htmlhelp certifi mkl-service html5lib
seaborn pandas pytables lxml unicodcsv dask-core traitlets astroid ipykernel
terminado tqdm conda-package-handling testpath pywin32 sortedcontainers pycrypto
requests pyqt _ipyw_jlab_nb_ext_conf importlib_metadata pathlib2 setuptools
backports weakref backports.shutil_get_terminal_size pyrsistent pylint
backports.os wrapt wincertstore greenlet numpydoc xlwings jedi simplegeneric
defusedxml asn1crypto numpy-base jupyter sip wcwidth decorator cython pyyaml
anaconda-project et_xmlfile pandocfilters pillow numba kiwisolver zipp psutil
python-libarchive-c pluggy ply xlsxwriter pytz sqlalchemy backcall pytest click
prompt_toolkit scikit-learn cloudpickle colorama bleach jupyter_client alabaster
nbconvert multipledispatch pyparsing lockport pycurl backports.functools_lru_cache
heapdict console_shortcut tblib pycosat attrs cyclical ipython_genutils clyent
pyopenssl urllib3 bitarray pip widgetsnbextension itsdangerous markupsafe
jupyter_core parso event spyder-kernels atomicwrites pytest-arraydiff scipy
backports.tempfile sphinxcontrib h5py dask pkginfo pytest-remotedata distributed
rope pyzmq sphinx llvmlite cffi menuinst glob2 mkl_fft future tornado pytest-
openfiles msgpack-python mccabe pep8 powershell_shortcut pytest-doctestplus
pyodbc scikit-image xlwt patsy py-lief isort mpmath contextlib2 sympy notebook
networkx py toolz packaging joblib bkcharts filelock soupsieve openpyxl nltk
docutils navigator-updater fsspec xlrp pycparser singledispatch ipython nbformat
idna statsmodels conda-build pywavelets numexpr astropy mock babel send2trash
sphinxcontrib-jsmath flask jinja2 pywinpty comtypes more-itertools mkl_random
sphinxcontrib-devhelp wheel sortedcollections json5 virtualenv boto pygments
beautifulsoup4 qtpy nose jsonschema imageio webencodings partd jupyterlab_server
cryptography anaconda-navigator qtconsole python-dateutil mistune olefile
pycodestyle path.py bokeh pyflakes backports.qtawesome anaconda-client
jupyterlab werkzeug sphinxcontrib-serializinghtml spyder keyring entrypoints
pyreadline bottleneck ipywidgets: 4%| | 12/285 [07:20<3:02:46,
40.17s/it]

Examining conflict for psocks lazy-object-proxy cytoolz zict win_inet_pton
sphinxcontrib-applehelp pytest-astropy conda-verify chardet jdcad
prometheus_client fastcache imagesize jupyter_console sphinxcontrib-qthelp conda
numpy sphinxcontrib-websupport pickleshare win_unicode_console snowballstemmer
ruamel_yaml matplotlib six sphinxcontrib-htmlhelp certifi mkl-service html5lib
seaborn pandas pytables lxml unicodcsv dask-core traitlets astroid ipykernel
terminado tqdm conda-package-handling testpath pywin32 sortedcontainers pycrypto
requests pyqt _ipyw_jlab_nb_ext_conf importlib_metadata pathlib2 setuptools
backports weakref backports.shutil_get_terminal_size pyrsistent pylint
backports.os wrapt wincertstore greenlet numpydoc xlwings jedi simplegeneric
defusedxml asn1crypto numpy-base jupyter sip wcwidth decorator cython pyyaml
anaconda-project et_xmlfile pandocfilters pillow numba kiwisolver zipp psutil
python-libarchive-c pluggy ply xlsxwriter pytz sqlalchemy backcall pytest click
prompt_toolkit scikit-learn cloudpickle colorama bleach jupyter_client alabaster
nbconvert multipledispatch pyparsing lockport pycurl backports.functools_lru_cache
heapdict console_shortcut tblib pycosat attrs cyclical ipython_genutils clyent
pyopenssl urllib3 bitarray pip widgetsnbextension itsdangerous markupsafe

```
jupyter_core parso gevent spyder-kernels atomicwrites pytest-arraydiff scipy
backports.tempfile sphinxcontrib h5py dask pkginfo pytest-remotedata distributed
rope pyzmq sphinx llvmlite cffi menuinst glob2 mkl_fft future tornado pytest-
openfiles msgpack-python mccabe pep8 powershell_shortcut pytest-doctestplus
pyodbc scikit-image xlwt patsy py-lief isort mpmath contextlib2 sympy notebook
networkx py toolz packaging joblib bkcharts filelock soupsieve openpyxl nltk
docutils navigator-updater fsspec xldr pycparser singledispatch ipython nbformat
idna statsmodels conda-build pywavelets numexpr astropy mock babel send2trash
sphinxcontrib-jsmath flask jinja2 pywinpty comtypes more-itertools mkl_random
sphinxcontrib-devhelp wheel sortedcollections json5 virtualenv boto pygments
beautifulsoup4 qtpy nose jsonschema imageio webencodings partd jupyterlab_server
cryptography anaconda-navigator qtconsole python-dateutil mistune olefile
pycodestyle path.py bokeh pyflakes backports qtawesome anaconda-client
jupyterlab werkzeug sphinxcontrib-serializinghtml spyder keyring entrypoints
pyreadline bottleneck ipywidgets: 5%|          | 13/285 [07:20<3:04:46,
40.76s/it]
```

```
Examining conflict for zeromq pysocks lazy-object-proxy cytoolz zict
win_inet_pton sphinxcontrib-applehelp openssl pytest-astropy conda-verify
chardet jdcals prometheus_client fastcache imagesize jupyter_console
sphinxcontrib-qthelp conda numpy sphinxcontrib-websupport pickleshare zlib
sdl2_mixer libiconv win_unicode_console snowballstemmer ruamel_yaml matplotlib
six sphinxcontrib-htmlhelp certifi mkl-service html5lib seaborn pandas pytables
lxml unicodedcsv dask-core traitlets astroid ipykernel terminado tqdm conda-
package-handling testpath pywin32 sortedcontainers pycrypto python requests pyqt
_ipyw_jlab_nb_ext_conf importlib_metadata pathlib2 setuptools backports weakref
backports.shutil_get_terminal_size pyrsistent pylint backports.os sdl2_image
wrapt wincertstore libarchive blosc greenlet numpydoc xlwings jedi simplegeneric
defusedxml asn1crypto icu jpeg numpy-base jupyter sip wcwidth decorator cython
pyyaml sdl2 vc qt anaconda-project et_xmlfile pandocfilters pillow yaml sqlite
numba kiwisolver snappy xz python-libarchive-c zipp intel-openmp psutil pluggy
xlsxwriter ply pytz sqlalchemy libsodium backcall pytest click prompt_toolkit
scikit-learn libcurl cloudpickle colorama bleach jupyter_client sdl2_ttf
alabaster nbconvert multipledispatch pyparsing locket pycurl smpeg2
backports.functools_lru_cache heapdict console_shortcut tblib krb5 pycosat attrs
cyclor ipython_genutils clyent pyopenssl urllib3 bitarray pip widgetsnbextension
freetype itsdangerous markupsafe jupyter_core parso gevent spyder-kernels
atomicwrites pytest-arraydiff scipy backports.tempfile sphinxcontrib h5py hdf5
dask lz4-c pkginfo pytest-remotedata distributed rope pyzmq sphinx llvmlite
anaconda cffi menuinst lzo tk glob2 mkl_fft future libxml2 curl tornado msgpack-
python pytest-openfiles mccabe pep8 powershell_shortcut zstd pytest-doctestplus
pyodbc scikit-image xlwt patsy py-lief isort mpmath contextlib2 glew sympy
notebook networkx py toolz packaging winpty joblib bkcharts filelock soupsieve
openpyxl bzip2 nltk libxslt liblief docutils navigator-updater fsspec xldr
pycparser singledispatch ipython nbformat idna statsmodels conda-build
pywavelets numexpr astropy mock babel mkl tbb send2trash sphinxcontrib-jsmath
flask jinja2 pywinpty comtypes more-itertools mkl_random sphinxcontrib-devhelp
wheel sortedcollections json5 virtualenv boto pygments kivy beautifulsoup4 qtpy
nose jsonschema imageio webencodings partd jupyterlab_server cryptography
```

```

anaconda-navigator libssh2 qtconsole libpng python-dateutil mistune olefile
pycodestyle path.py bokeh pyflakes backports qtawesome anaconda-client
jupyterlab werkzeug sphinxcontrib-serializinghtml spyder keyring libtiff
entrypoints pyreadline bottleneck ipywidgets: 5%| | 13/285
[07:53<3:04:46, 40.76s/it]
Examining conflict for zeromq pysocks lazy-object-proxy cytoolz zict
win_inet_pton sphinxcontrib-applehelp openssl pytest-astropy conda-verify
chardet jdcals prometheus_client fastcache imagesize jupyter_console
sphinxcontrib-qthelp conda numpy sphinxcontrib-websupport pickleshare zlib
sdl2_mixer libiconv win_unicode_console snowballstemmer ruamel_yaml matplotlib
six sphinxcontrib-htmlhelp certifi mkl-service html5lib seaborn pandas pytables
lxml unicodedcsv dask-core traitlets astroid ipykernel terminado tqdm conda-
package-handling testpath pywin32 sortedcontainers pycrypto python requests pyqt
_ipyw_jlab_nb_ext_conf importlib_metadata pathlib2 setuptools backports.weakref
backports.shutil_get_terminal_size pyrsistent pylint backports.os sdl2_image
wrapt wincertstore libarchive blosc greenlet numpydoc xlwings jedi simplegeneric
defusedxml asncrypto icu jpeg numpy-base jupyter sip wcwidth decorator cython
pyyaml sdl2 vc qt anaconda-project et_xmlfile pandocfilters pillow yaml sqlite
numba kiwisolver snappy xz python-libarchive-c zipp intel-openmp psutil pluggy
xlsxwriter ply pytz sqlalchemy libsodium backcall pytest click prompt_toolkit
scikit-learn libcurl cloudpickle colorama bleach jupyter_client sdl2_ttf
alabaster nbconvert multipledispatch pyparsing lockfile pycurl smpeg2
backports.functools_lru_cache heapdict console_shortcut tblib krb5 pycosat attrs
cycler ipython_genutils clyent pyopenssl urllib3 bitarray pip widgetsnbextension
freetype itsdangerous markupsafe jupyter_core parso event spyder-kernels
atomicwrites pytest-arraydiff scipy backports.tempfile sphinxcontrib_h5py hdf5
dask lz4-c pkginfo pytest-remotedata distributed rope pyzmq sphinx llvmlite
anaconda cffi menuinst lzo tk glob2 mkl_fft future libxml2 curl tornado msgpack-
python pytest-openfiles mccabe pep8 powershell_shortcut zstd pytest-doctestplus
pyodbc scikit-image xlwt patsy py-lief isort mpmath contextlib2 glew sympy
notebook networkx py toolz packaging winpty joblib bkcharts filelock soupsieve
openpyxl bzip2 nltk libxslt liblief docutils navigator-updater fsspec xlr
pycparser singledispatch ipython nbformat idna statsmodels conda-build
pywavelets numexpr astropy mock babel mkl tbb send2trash sphinxcontrib-jsmath
flask jinja2 pywinpty comtypes more-itertools mkl_random sphinxcontrib-devhelp
wheel sortedcollections json5 virtualenv boto pygments kivy beautifulsoup4 gtpy
nose jsonschema imageio webencodings partd jupyterlab_server cryptography
anaconda-navigator libssh2 qtconsole libpng python-dateutil mistune olefile
pycodestyle path.py bokeh pyflakes backports qtawesome anaconda-client
jupyterlab werkzeug sphinxcontrib-serializinghtml spyder keyring libtiff
entrypoints pyreadline bottleneck ipywidgets: 5%| | 14/285
[07:53<2:53:49, 38.49s/it]
Examining conflict for pysocks lazy-object-proxy cytoolz zict win_inet_pton
sphinxcontrib-applehelp pytest-astropy conda-verify chardet jdcals
prometheus_client fastcache imagesize jupyter_console sphinxcontrib-qthelp conda
numpy sphinxcontrib-websupport pickleshare win_unicode_console snowballstemmer
ruamel_yaml matplotlib six sphinxcontrib-htmlhelp certifi mkl-service html5lib
seaborn pandas pytables lxml unicodedcsv dask-core traitlets astroid ipykernel

```

```

terminado tqdm conda-package-handling testpath pywin32 sortedcontainers pycrypto
requests pyqt _ipyw_jlab_nb_ext_conf setuptools pathlib2 backports.weakref
backports.shutil_get_terminal_size pyrsistent pylint backports.os wrapt
wincertstore greenlet numpydoc xlwings jedi simplegeneric defusedxml asn1crypto
numpy-base jupyter sip wcwidth decorator cython pyyaml anaconda-project
et_xmlfile pandocfilters pillow numba kiwisolver zipp psutil python-libarchive-c
pluggy ply xlswriter pytz sqlalchemy backcall pytest click prompt_toolkit
scikit-learn cloudpickle colorama bleach jupyter_client alabaster nbconvert
multipledispatch pyparsing locket pycurl backports.functools_lru_cache heapdict
console_shortcut tblib pycosat attrs cycler ipython_genutils clyent pyopenssl
urllib3 bitarray pip widgetsnbextension itsdangerous markupsafe jupyter_core
parso event spyder-kernels atomicwrites pytest-arraydiff scipy
backports.tempfile sphinxcontrib h5py dask pkginfo pytest-remotedata distributed
rope pyzmq sphinx llvmlite cffi menuinst glob2 mkl_fft future tornado pytest-
openfiles msgpack-python mccabe pep8 powershell_shortcut pytest-doctestplus
pyodbc scikit-image xlwt patsy py-lief isort mpmath contextlib2 sympy notebook
networkx py toolz packaging joblib bkcharts filelock soupsieve openpyxl nltk
docutils navigator-updater fsspec xldr pycparser singledispatch ipython nbformat
idna statsmodels conda-build pywavelets numexpr astropy mock babel send2trash
sphinxcontrib-jsmath flask jinja2 pywinpty comtypes more-itertools mkl_random
sphinxcontrib-devhelp wheel sortedcollections json5 virtualenv boto pigments
beautifulsoup4 qtpy nose jsonschema imageio webencodings partd jupyterlab_server
cryptography anaconda-navigator qtconsole python-dateutil mistune olefile
pycodestyle path.py bokeh pyflakes backports qtawesome anaconda-client
jupyterlab werkzeug sphinxcontrib-serializinghtml spyder keyring entrypoints
pyreadline bottleneck ipywidgets: 5%|          | 14/285 [08:35<2:53:49,
38.49s/it]

```

```

Examining conflict for psocks lazy-object-proxy cytoolz zict win_inet_pton
sphinxcontrib-applehelp pytest-astropy conda-verify chardet jdcalf
prometheus_client fastcache imagesize jupyter_console sphinxcontrib-qthelp conda
numpy sphinxcontrib-websupport pickleshare win_unicode_console snowballstemmer
ruamel_yaml matplotlib six sphinxcontrib-htmlhelp certifi mkl-service html5lib
seaborn pandas pytables lxml unicodedata dask-core traitlets astroid ipykernel
terminado tqdm conda-package-handling testpath pywin32 sortedcontainers pycrypto
requests pyqt _ipyw_jlab_nb_ext_conf setuptools pathlib2 backports.weakref
backports.shutil_get_terminal_size pyrsistent pylint backports.os wrapt
wincertstore greenlet numpydoc xlwings jedi simplegeneric defusedxml asn1crypto
numpy-base jupyter sip wcwidth decorator cython pyyaml anaconda-project
et_xmlfile pandocfilters pillow numba kiwisolver zipp psutil python-libarchive-c
pluggy ply xlswriter pytz sqlalchemy backcall pytest click prompt_toolkit
scikit-learn cloudpickle colorama bleach jupyter_client alabaster nbconvert
multipledispatch pyparsing locket pycurl backports.functools_lru_cache heapdict
console_shortcut tblib pycosat attrs cycler ipython_genutils clyent pyopenssl
urllib3 bitarray pip widgetsnbextension itsdangerous markupsafe jupyter_core
parso event spyder-kernels atomicwrites pytest-arraydiff scipy
backports.tempfile sphinxcontrib h5py dask pkginfo pytest-remotedata distributed
rope pyzmq sphinx llvmlite cffi menuinst glob2 mkl_fft future tornado pytest-
openfiles msgpack-python mccabe pep8 powershell_shortcut pytest-doctestplus

```

pyodbc scikit-image xlwt patsy py-lief isort mpmath contextlib2 sympy notebook
networkx py toolz packaging joblib bkcharts filelock soupsieve openpyxl nltk
docutils navigator-updater fsspec xlrp pycparser singledispatch ipython nbformat
idna statsmodels conda-build pywavelets numexpr astropy mock babel send2trash
sphinxcontrib-jsmath flask jinja2 pywinpty comtypes more-itertools mkl_random
sphinxcontrib-devhelp wheel sortedcollections json5 virtualenv boto pygments
beautifulsoup4 qtpy nose jsonschema imageio webencodings partd jupyterlab_server
cryptography anaconda-navigator qtconsole python-dateutil mistune olefile
pycodestyle path.py bokeh pyflakes backports qtawesome anaconda-client
jupyterlab werkzeug sphinxcontrib-serializinghtml spyder keyring entrypoints
pyreadline bottleneck ipywidgets: 5%| | 15/285 [08:35<2:57:45,
39.50s/it]

Examining conflict for psocks lazy-object-proxy cytoolz zict win_inet_pton
openssl pytest-astropy conda-verify chardet jdcals prometheus_client fastcache
imagesize jupyter_console conda sphinxcontrib-websupport pickleshare
win_unicode_console snowballstemmer ruamel_yaml matplotlib six certifi mkl-
service html5lib seaborn pandas pytables lxml unicodcsv dask-core traitlets
astroid ipykernel terminado tqdm conda-package-handling testpath pywin32
sortedcontainers pycrypto python requests pyqt ca-certificates
_ipyw_jlab_nb_ext_conf importlib_metadata pathlib2 setuptools backports.weakref
backports.shutil_get_terminal_size pyrsistent pylint backports.os wrapt
wincertstore libarchive greenlet numpydoc xlwings jedi simplegeneric defusedxml
asn1crypto numpy-base jupyter sip wcwidth decorator cython pyyaml qt anaconda-
project et_xmlfile pandocfilters pillow numba kiwisolver zipp psutil python-
libarchive-c pluggy ply xlsxwriter pytz sqlalchemy backcall pytest click
prompt_toolkit scikit-learn cloudpickle colorama bleach jupyter_client alabaster
nbconvert multipledispatch pyparsing lockfile pycurl backports.functools_lru_cache
heapdict console_shortcut tblib krb5 pycosat attrs cyler ipython_genutils
clyent pyopenssl urllib3 bitarray pip widgetsnbextension itsdangerous markupsafe
jupyter_core parso event spyder-kernels atomicwrites pytest-arraydiff scipy
backports.tempfile sphinxcontrib h5py dask pkginfo pytest-remotedata distributed
rope pyzmq sphinx llvmlite anaconda cffi menuinst glob2 mkl_fft future tornado
pytest-openfiles msgpack-python mccabe pep8 powershell_shortcut pytest-
doctestplus pyodbc scikit-image xlwt patsy isort mpmath contextlib2 sympy
notebook networkx py toolz packaging joblib bkcharts filelock soupsieve openpyxl
nltk docutils navigator-updater xlrp pycparser singledispatch ipython nbformat
idna statsmodels conda-build pywavelets numexpr astropy mock babel send2trash
flask jinja2 pywinpty comtypes more-itertools wheel sortedcollections json5
virtualenv boto pygments beautifulsoup4 qtpy nose jsonschema imageio
webencodings partd cryptography anaconda-navigator libssh2 qtconsole python-
dateutil mistune olefile pycodestyle path.py bokeh pyflakes backports.qtawesome
anaconda-client jupyterlab werkzeug spyder keyring entrypoints pyreadline
bottleneck ipywidgets: 5%| | 15/285 [2:05:46<2:57:45, 39.50s/it]
Examining conflict for psocks lazy-object-proxy cytoolz zict win_inet_pton
openssl pytest-astropy conda-verify chardet jdcals prometheus_client fastcache
imagesize jupyter_console conda sphinxcontrib-websupport pickleshare
win_unicode_console snowballstemmer ruamel_yaml matplotlib six certifi mkl-
service html5lib seaborn pandas pytables lxml unicodcsv dask-core traitlets

```

astroid ipykernel terminado tqdm conda-package-handling testpath pywin32
sortedcontainers pycrypto python requests pyqt ca-certificates
_ipyw_jlab_nb_ext_conf importlib_metadata pathlib2 setuptools backports weakref
backports.shutil_get_terminal_size pyrsistent pylint backports.os wrapt
wincertstore libarchive greenlet numpydoc xlwings jedi simplegeneric defusedxml
asn1crypto numpy-base jupyter sip wcwidth decorator cython pyyaml qt anaconda-
project et_xmlfile pandocfilters pillow numba kiwisolver zipp psutil python-
libarchive-c pluggy ply xlswriter pytz sqlalchemy backcall pytest click
prompt_toolkit scikit-learn cloudpickle colorama bleach jupyter_client alabaster
nbconvert multipledispatch pyparsing locket pycurl backports.functools_lru_cache
heapdict console_shortcut tblib krb5 pycosat attrs cycler ipython_genutils
clyent pyopenssl urllib3 bitarray pip widgetsnbextension itsdangerous markupsafe
jupyter_core parso event spyder-kernels atomicwrites pytest-arraydiff scipy
backports.tempfile sphinxcontrib h5py dask pkginfo pytest-remotedata distributed
rope pyzmq sphinx llvmlite anaconda cffi menuinst glob2 mkl_fft future tornado
pytest-openfiles msgpack-python mccabe pep8 powershell_shortcut pytest-
doctestplus pyodbc scikit-image xlwt patsy isort mpmath contextlib2 sympy
notebook networkx py toolz packaging joblib bkcharts filelock soupsieve openpyxl
nltk docutils navigator-updater xlrd pycparser singledispatch ipython nbformat
idna statsmodels conda-build pywavelets numexpr astropy mock babel send2trash
flask jinja2 pywinpty comtypes more-itertools wheel sortedcollections json5
virtualenv boto pygments beautifulsoup4 qtpy nose jsonschema imageio
webencodings partd cryptography anaconda-navigator libssh2 qtconsole python-
dateutil mistune olefile pycodestyle path.py bokeh pyflakes backports qtawesome
anaconda-client jupyterlab werkzeug spyder keyring entrypoints pyreadline
bottleneck ipywidgets: 6%|          | 16/285 [2:05:46<159:40:41, 2136.96s/it]
Examining conflict for zict dask anaconda distributed: 6%|          | 16/285
[2:06:29<159:40:41, 2136.96s/it]
Examining conflict for zict dask anaconda distributed: 6%|          | 17/285
[2:06:29<112:18:13, 1508.56s/it]
Examining conflict for zict heapdict anaconda distributed: 6%|          |
17/285 [2:06:44<112:18:13, 1508.56s/it]
Examining conflict for zict heapdict anaconda distributed: 6%|          |
18/285 [2:06:44<78:39:41, 1060.60s/it]
Examining conflict for pytest-astropy astropy anaconda: 6%|          | 18/285
[2:06:52<78:39:41, 1060.60s/it]
Examining conflict for pytest-astropy astropy anaconda: 7%|          | 19/285
[2:06:52<55:02:38, 744.96s/it]
Examining conflict for pytest-doctestplus pytest-astropy astropy anaconda:
7%|          | 19/285 [2:07:00<55:02:38, 744.96s/it]
Examining conflict for pytest-doctestplus pytest-astropy astropy anaconda:
7%|          | 20/285 [2:07:00<38:33:42, 523.86s/it]
Examining conflict for pytest-astropy astropy: 7%|          | 20/285
[2:07:11<38:33:42, 523.86s/it]
Examining conflict for pytest-astropy astropy: 7%|          | 21/285
[2:07:11<27:06:54, 369.75s/it]
Examining conflict for pytest-remotedata pytest-astropy astropy anaconda: 7%|
| 21/285 [2:07:13<27:06:54, 369.75s/it]

```


Examining conflict for pytest-remotedata pytest-astropy astropy anaconda: 8%
| 22/285 [2:07:13<18:57:29, 259.50s/it]

Examining conflict for pytest-doctestplus anaconda attrs pytest-arraydiff
jsonschema nbformat pytest-astropy pytest-openfiles jupyterlab_server spyder
anaconda-navigator pytest-remotedata prometheus_client pytest astropy: 8%
| 22/285 [2:07:23<18:57:29, 259.50s/it]

Examining conflict for pytest-doctestplus anaconda attrs pytest-arraydiff
jsonschema nbformat pytest-astropy pytest-openfiles jupyterlab_server spyder
anaconda-navigator pytest-remotedata prometheus_client pytest astropy: 8%
| 23/285 [2:07:23<13:26:44, 184.75s/it]

Examining conflict for pytest-doctestplus conda anaconda pytest-arraydiff
navigator-updater pluggy pytest-astropy pytest-openfiles conda-build spyder
pytest-remotedata pytest astropy: 8% | 23/285 [2:07:36<13:26:44,
184.75s/it]

Examining conflict for pytest-doctestplus conda anaconda pytest-arraydiff
navigator-updater pluggy pytest-astropy pytest-openfiles conda-build spyder
pytest-remotedata pytest astropy: 8% | 24/285 [2:07:36<9:39:19,
133.18s/it]

Examining conflict for attrs pytest-astropy: 8% | 24/285
[2:07:49<9:39:19, 133.18s/it]

Examining conflict for attrs pytest-astropy: 9% | 25/285
[2:07:49<7:00:42, 97.09s/it]

Examining conflict for pytest-arraydiff pytest-astropy astropy anaconda: 9%
| 25/285 [2:07:49<7:00:42, 97.09s/it]

Examining conflict for pytest-arraydiff pytest-astropy astropy anaconda: 9%
| 26/285 [2:07:49<4:53:42, 68.04s/it]

Examining conflict for spyder-kernels pytest-arraydiff navigator-updater pytest-
astropy statsmodels dask numexpr pytest-remotedata astropy distributed sphinx
jupyter_console anaconda pytest-openfiles matplotlib seaborn pandas pytables
pytest pytest-doctestplus dask-core bleach qtpy scikit-image nbconvert ipykernel
python jupyterlab_server anaconda-navigator qtconsole pyqt notebook
_ipyw_jlab_nb_ext_conf bokeh packaging qtawesome pip jupyterlab numpydoc spyder
jupyter sip ipywidgets: 9% | 26/285 [2:07:59<4:53:42, 68.04s/it]

Examining conflict for spyder-kernels pytest-arraydiff navigator-updater pytest-
astropy statsmodels dask numexpr pytest-remotedata astropy distributed sphinx
jupyter_console anaconda pytest-openfiles matplotlib seaborn pandas pytables
pytest pytest-doctestplus dask-core bleach qtpy scikit-image nbconvert ipykernel
python jupyterlab_server anaconda-navigator qtconsole pyqt notebook
_ipyw_jlab_nb_ext_conf bokeh packaging qtawesome pip jupyterlab numpydoc spyder
jupyter sip ipywidgets: 9% | 27/285 [2:07:59<3:37:35, 50.60s/it]

Examining conflict for pytest-arraydiff ipython pytest-astropy pytest-remotedata
astropy jupyter_console anaconda numba pickleshare pluggy pytest-openfiles
sqlalchemy pytest pytest-doctestplus jsonschema nbconvert ipykernel testpath
importlib_metadata pathlib2 path.py jupyterlab spyder keyring ipywidgets: 9%
| 27/285 [2:08:22<3:37:35, 50.60s/it]

Examining conflict for pytest-arraydiff ipython pytest-astropy pytest-remotedata
astropy jupyter_console anaconda numba pickleshare pluggy pytest-openfiles
sqlalchemy pytest pytest-doctestplus jsonschema nbconvert ipykernel testpath

```

importlib_metadata pathlib2 path.py jupyterlab spyder keyring ipywidgets: 10%|
| 28/285 [2:08:22<3:01:30, 42.38s/it]
Examining conflict for pytest-doctestplus anaconda pytest-arraydiff pytest-
astropy pytest-openfiles pytest-remotedata pytest astropy: 10%|
| 28/285 [2:08:37<3:01:30, 42.38s/it]
Examining conflict for pytest-doctestplus anaconda pytest-arraydiff pytest-
astropy pytest-openfiles pytest-remotedata pytest astropy: 10%|
| 29/285 [2:08:37<2:25:03, 34.00s/it]
Examining conflict for jupyter_console anaconda spyder-kernels navigator-updater
psutil ipykernel pytest-astropy dask pytest-openfiles conda-build spyder
anaconda-navigator qtconsole notebook jupyter distributed ipywidgets: 10%|
| 29/285 [2:08:47<2:25:03, 34.00s/it]
Examining conflict for jupyter_console anaconda spyder-kernels navigator-updater
psutil ipykernel pytest-astropy dask pytest-openfiles conda-build spyder
anaconda-navigator qtconsole notebook jupyter distributed ipywidgets: 11%|
| 30/285 [2:08:47<1:54:29, 26.94s/it]
Examining conflict for pytest-doctestplus anaconda mock numba pytest-arraydiff
pytest-astropy pytest-openfiles pytest-remotedata pytest pytables astropy:
11%|
| 30/285 [2:09:05<1:54:29, 26.94s/it]
Examining conflict for pytest-doctestplus anaconda mock numba pytest-arraydiff
pytest-astropy pytest-openfiles pytest-remotedata pytest pytables astropy:
11%|
| 31/285 [2:09:05<1:41:57, 24.08s/it]
Examining conflict for pytest-doctestplus anaconda pytest-arraydiff zipp pytest-
astropy pytest-openfiles more-itertools pytest-remotedata pytest
importlib_metadata astropy: 11%|
| 31/285 [2:09:16<1:41:57, 24.08s/it]
Examining conflict for pytest-doctestplus anaconda pytest-arraydiff zipp pytest-
astropy pytest-openfiles more-itertools pytest-remotedata pytest
importlib_metadata astropy: 11%|
| 32/285 [2:09:16<1:25:36, 20.30s/it]
Examining conflict for pytest-arraydiff scipy pytest-astropy h5py statsmodels
dask pywavelets numexpr astropy numpy anaconda numba mkl_fft mkl_random
matplotlib mkl-service seaborn pandas pytables pytest-doctestplus scikit-learn
scikit-image patsy imageio networkx bokeh bkcharts nltk numpy-base bottleneck:
11%|
| 32/285 [2:09:27<1:25:36, 20.30s/it]
Examining conflict for pytest-arraydiff scipy pytest-astropy h5py statsmodels
dask pywavelets numexpr astropy numpy anaconda numba mkl_fft mkl_random
matplotlib mkl-service seaborn pandas pytables pytest-doctestplus scikit-learn
scikit-image patsy imageio networkx bokeh bkcharts nltk numpy-base bottleneck:
12%|
| 33/285 [2:09:27<1:13:38, 17.53s/it]
Examining conflict for pytest-doctestplus pytest-arraydiff pytest-astropy
pytest-openfiles pytest-remotedata pytest astropy: 12%|
| 33/285
[2:09:57<1:13:38, 17.53s/it]
Examining conflict for pytest-doctestplus pytest-arraydiff pytest-astropy
pytest-openfiles pytest-remotedata pytest astropy: 12%|
| 34/285
[2:09:57<1:28:28, 21.15s/it]
Examining conflict for pytest-doctestplus pylint pytest-arraydiff jupyterlab
pytest-astropy pytest-openfiles spyder pytest-remotedata pytest jupyter
_ipyw_jlab_nb_ext_conf astropy: 12%|
| 34/285 [2:09:59<1:28:28,
21.15s/it]

```

Examining conflict for pytest-doctestplus pylint pytest-arraydiff jupyterlab
pytest-astropy pytest-openfiles spyder pytest-remotedata pytest jupyter
_ipyw_jlab_nb_ext_conf astropy: 12%| | 35/285 [2:09:59<1:05:14,
15.66s/it]

Examining conflict for pytest-astropy conda-verify jupyter_console conda numpy
pickleshare matplotlib six mkl-service html5lib seaborn pandas pytables dask-
core traitlets astroid ipykernel conda-package-handling testpath
importlib_metadata pathlib2 pyrsistent pylint numpydoc numpy-base sip anaconda-
project numba zipp pytest prompt_toolkit scikit-learn bleach jupyter_client
nbconvert multipledispatch urllib3 cycloper pyopenssl pip jupyter_core pytest-
arraydiff scipy h5py dask pytest-remotedata distributed sphinx anaconda mkl_fft
tornado pytest-openfiles pytest-doctestplus scikit-image patsy notebook
packaging bkcharts nltk singledispatch ipython nbformat statsmodels conda-build
numexpr astropy mock more-itertools mkl_random virtualenv qtpy jsonschema
jupyterlab_server cryptography anaconda-navigator qtconsole python-dateutil
bokeh qtawesome anaconda-client jupyterlab spyder ipywidgets: 12%| |
35/285 [2:10:04<1:05:14, 15.66s/it]

Examining conflict for pytest-astropy conda-verify jupyter_console conda numpy
pickleshare matplotlib six mkl-service html5lib seaborn pandas pytables dask-
core traitlets astroid ipykernel conda-package-handling testpath
importlib_metadata pathlib2 pyrsistent pylint numpydoc numpy-base sip anaconda-
project numba zipp pytest prompt_toolkit scikit-learn bleach jupyter_client
nbconvert multipledispatch urllib3 cycloper pyopenssl pip jupyter_core pytest-
arraydiff scipy h5py dask pytest-remotedata distributed sphinx anaconda mkl_fft
tornado pytest-openfiles pytest-doctestplus scikit-image patsy notebook
packaging bkcharts nltk singledispatch ipython nbformat statsmodels conda-build
numexpr astropy mock more-itertools mkl_random virtualenv qtpy jsonschema
jupyterlab_server cryptography anaconda-navigator qtconsole python-dateutil
bokeh qtawesome anaconda-client jupyterlab spyder ipywidgets: 13%| |
36/285 [2:10:04<51:15, 12.35s/it]

Examining conflict for spyder-kernels pytest-arraydiff nbformat pytest-astropy
conda-verify pytest-remotedata astropy distributed sphinx jupyter_console numba
pluggy flask pytest-openfiles sqlalchemy pytest virtualenv click pytest-
doctestplus jsonschema ipykernel jupyterlab_server qtconsole notebook
importlib_metadata path.py jupyterlab numpydoc spyder keyring nltk jupyter
ipywidgets: 13%| | 36/285 [2:10:38<51:15, 12.35s/it]

Examining conflict for spyder-kernels pytest-arraydiff nbformat pytest-astropy
conda-verify pytest-remotedata astropy distributed sphinx jupyter_console numba
pluggy flask pytest-openfiles sqlalchemy pytest virtualenv click pytest-
doctestplus jsonschema ipykernel jupyterlab_server qtconsole notebook
importlib_metadata path.py jupyterlab numpydoc spyder keyring nltk jupyter
ipywidgets: 13%| | 37/285 [2:10:38<1:17:46, 18.82s/it]

Examining conflict for gevent spyder-kernels pytest-arraydiff navigator-updater
cython ipython nbformat pytest-astropy dask conda-verify conda-build pytest-
remotedata anaconda-project astropy distributed sphinx jupyter_console conda
anaconda numba flask jinja2 pywinpty pytest-openfiles matplotlib seaborn pytest
prompt_toolkit pytest-doctestplus pygments scikit-learn bleach kivy astroid
scikit-image nose jsonschema nbconvert ipykernel terminado isort

```

backports.functools_lru_cache sympy python jupyterlab_server anaconda-navigator
qtconsole notebook networkx setuptools bokeh pyflakes pylint attrs clyent
anaconda-client pip jupyterlab joblib soupsieve numpydoc spyder nltk wheel
ipywidgets: 13%|          | 37/285 [2:10:46<1:17:46, 18.82s/it]
Examining conflict for gevent spyder-kernels pytest-arraydiff navigator-updater
cython ipython nbformat pytest-astropy dask conda-verify conda-build pytest-
remotedata anaconda-project astropy distributed sphinx jupyter_console conda
anaconda numba flask jinja2 pywinpty pytest-openfiles matplotlib seaborn pytest
prompt_toolkit pytest-doctestplus pygments scikit-learn bleach kivy astroid
scikit-image nose jsonschema nbconvert ipykernel terminado isort
backports.functools_lru_cache sympy python jupyterlab_server anaconda-navigator
qtconsole notebook networkx setuptools bokeh pyflakes pylint attrs clyent
anaconda-client pip jupyterlab joblib soupsieve numpydoc spyder nltk wheel
ipywidgets: 13%|          | 38/285 [2:10:46<1:04:28, 15.66s/it]
Examining conflict for pytest-astropy pytest-openfiles anaconda astropy: 13%|
| 38/285 [2:11:13<1:04:28, 15.66s/it]
Examining conflict for pytest-astropy pytest-openfiles anaconda astropy: 14%|
| 39/285 [2:11:13<1:18:02, 19.03s/it]
Examining conflict for pytest-doctestplus anaconda atomicwrites pytest-arraydiff
pytest-astropy pytest-openfiles spyder pytest-remotedata pytest astropy: 14%|
| 39/285 [2:11:24<1:18:02, 19.03s/it]
Examining conflict for pytest-doctestplus anaconda atomicwrites pytest-arraydiff
pytest-astropy pytest-openfiles spyder pytest-remotedata pytest astropy: 14%|
| 40/285 [2:11:24<1:07:03, 16.42s/it]
Examining conflict for pytest-doctestplus py anaconda pytest-arraydiff pytest-
astropy pytest-openfiles pytest-remotedata pytest astropy: 14%|          |
40/285 [2:11:36<1:07:03, 16.42s/it]
Examining conflict for pytest-doctestplus py anaconda pytest-arraydiff pytest-
astropy pytest-openfiles pytest-remotedata pytest astropy: 14%|          |
41/285 [2:11:36<1:02:03, 15.26s/it]
Examining conflict for pytest-doctestplus pylint pytest-arraydiff pytest-astropy
pytest-openfiles conda-build spyder pytest-remotedata pyqt pytest sip astropy:
14%|          | 41/285 [2:11:47<1:02:03, 15.26s/it]
Examining conflict for pytest-doctestplus pylint pytest-arraydiff pytest-astropy
pytest-openfiles conda-build spyder pytest-remotedata pyqt pytest sip astropy:
15%|          | 42/285 [2:11:47<56:43, 14.01s/it]
Examining conflict for pytest-arraydiff nbformat pytest-astropy pytest-
remotedata astropy conda anaconda numba pluggy pytest-openfiles sqlalchemy
pytest virtualenv pytest-doctestplus jsonschema nbconvert ipykernel
jupyterlab_server notebook importlib_metadata path.py anaconda-client spyder
keyring ipywidgets: 15%|          | 42/285 [2:11:52<56:43, 14.01s/it]
Examining conflict for pytest-arraydiff nbformat pytest-astropy pytest-
remotedata astropy conda anaconda numba pluggy pytest-openfiles sqlalchemy
pytest virtualenv pytest-doctestplus jsonschema nbconvert ipykernel
jupyterlab_server notebook importlib_metadata path.py anaconda-client spyder
keyring ipywidgets: 15%|          | 43/285 [2:11:52<45:05, 11.18s/it]
Examining conflict for attrs pytest-astropy pytest astropy: 15%|          |
43/285 [2:12:06<45:05, 11.18s/it]

```

Examining conflict for attrs pytest-astropy pytest astropy: 15%| | 44/285 [2:12:06<48:02, 11.96s/it]

Examining conflict for attrs pytest-astropy spyder: 15%| | 44/285 [2:12:08<48:02, 11.96s/it]

Examining conflict for attrs pytest-astropy spyder: 16%| | 45/285 [2:12:08<36:03, 9.02s/it]

Examining conflict for navigator-updater ipython nbformat pytest-astropy conda-build llvmlite conda anaconda numba traitlets astroid scikit-image jupyter_client nbconvert ipykernel imageio cryptography qtconsole notebook pylint attrs urllib3 pyopenssl jupyter_core ipywidgets: 16%| | 45/285 [2:12:10<36:03, 9.02s/it]

Examining conflict for navigator-updater ipython nbformat pytest-astropy conda-build llvmlite conda anaconda numba traitlets astroid scikit-image jupyter_client nbconvert ipykernel imageio cryptography qtconsole notebook pylint attrs urllib3 pyopenssl jupyter_core ipywidgets: 16%| | 46/285 [2:12:10<27:19, 6.86s/it]

Examining conflict for spyder-kernels pytest-arraydiff ipython pytest-astropy dask conda-verify conda-build pytest-remotedata anaconda-project astropy distributed sphinx jupyter_console conda anaconda flask pytest-openfiles pytest click pytest-doctestplus colorama ipykernel conda-package-handling tqdm python pylint anaconda-client pip jupyterlab numpydoc spyder nltk ipywidgets: 16%| | 46/285 [2:12:22<27:19, 6.86s/it]

Examining conflict for spyder-kernels pytest-arraydiff ipython pytest-astropy dask conda-verify conda-build pytest-remotedata anaconda-project astropy distributed sphinx jupyter_console conda anaconda flask pytest-openfiles pytest click pytest-doctestplus colorama ipykernel conda-package-handling tqdm python pylint anaconda-client pip jupyterlab numpydoc spyder nltk ipywidgets: 16%| | 47/285 [2:12:22<33:48, 8.52s/it]

Examining conflict for anaconda attrs sortedcontainers pytest-astropy dask spyder sortedcollections distributed: 16%| | 47/285 [2:12:43<33:48, 8.52s/it]

Examining conflict for anaconda attrs sortedcontainers pytest-astropy dask spyder sortedcollections distributed: 17%| | 48/285 [2:12:43<48:40, 12.32s/it]

Examining conflict for anaconda click attrs flask pytest-astropy dask conda-verify spyder conda-build nltk distributed: 17%| | 48/285 [2:12:59<48:40, 12.32s/it]

Examining conflict for anaconda click attrs flask pytest-astropy dask conda-verify spyder conda-build nltk distributed: 17%| | 49/285 [2:12:59<53:09, 13.52s/it]

Examining conflict for prompt_toolkit pytest-doctestplus jupyter_console anaconda pytest-arraydiff ipython pytest-astropy pytest-openfiles pytest-remotedata pytest wcwidth astropy: 17%| | 49/285 [2:13:16<53:09, 13.52s/it]

Examining conflict for prompt_toolkit pytest-doctestplus jupyter_console anaconda pytest-arraydiff ipython pytest-astropy pytest-openfiles pytest-remotedata pytest wcwidth astropy: 18%| | 50/285 [2:13:16<56:25, 14.41s/it]

Examining conflict for conda-build conda-verify: 18%| | 50/285
[2:13:27<56:25, 14.41s/it]

Examining conflict for conda-build conda-verify: 18%| | 51/285
[2:13:27<52:31, 13.47s/it]

Examining conflict for bokeh anaconda beautifulsoup4 astroid pylint scikit-image
isort soupsieve backports.functools_lru_cache conda-verify matplotlib spyder
nltk conda-build seaborn: 18%| | 51/285 [2:13:27<52:31, 13.47s/it]

Examining conflict for navigator-updater dask conda-verify conda-build anaconda-
project distributed conda anaconda tornado matplotlib jupyter_client scikit-
image terminado ipykernel conda-package-handling isort imageio notebook
_ipyw_jlab_nb_ext_conf bokeh pylint jupyterlab jupyter: 18%| | 52/285
[2:13:41<52:18, 13.47s/it]

Examining conflict for navigator-updater dask conda-verify conda-build anaconda-
project distributed conda anaconda tornado matplotlib jupyter_client scikit-
image terminado ipykernel conda-package-handling isort imageio notebook
_ipyw_jlab_nb_ext_conf bokeh pylint jupyterlab jupyter: 19%| | 53/285
[2:13:41<44:36, 11.53s/it]

Examining conflict for bokeh dask-core anaconda scikit-image navigator-updater
anaconda-client pyyaml dask conda-verify spyder conda-build anaconda-navigator
anaconda-project distributed astropy: 19%| | 53/285 [2:14:00<44:36,
11.53s/it]

Examining conflict for bokeh dask-core anaconda scikit-image navigator-updater
anaconda-client pyyaml dask conda-verify spyder conda-build anaconda-navigator
anaconda-project distributed astropy: 19%| | 54/285 [2:14:00<52:26,
13.62s/it]

Examining conflict for conda anaconda python-libarchive-c conda-package-handling
conda-verify conda-build: 19%| | 54/285 [2:14:18<52:26, 13.62s/it]

Examining conflict for conda anaconda python-libarchive-c conda-package-handling
conda-verify conda-build: 19%| | 55/285 [2:14:18<57:10, 14.92s/it]

Examining conflict for backports weakref backports.tempfile conda-verify:
19%| | 55/285 [2:14:26<57:10, 14.92s/it]

Examining conflict for backports weakref backports.tempfile conda-verify:
20%| | 56/285 [2:14:26<49:00, 12.84s/it]

Examining conflict for path.py anaconda backports.os future conda-verify spyder
conda-build: 20%| | 56/285 [2:14:26<49:00, 12.84s/it]

Examining conflict for conda anaconda navigator-updater conda-package-handling
tqdm anaconda-client anaconda-navigator conda-verify conda-build nltk anaconda-
project: 20%| | 57/285 [2:14:36<48:47, 12.84s/it]

Examining conflict for conda anaconda navigator-updater conda-package-handling
tqdm anaconda-client anaconda-navigator conda-verify conda-build nltk anaconda-
project: 20%| | 58/285 [2:14:36<39:37, 10.47s/it]

Examining conflict for conda navigator-updater conda-package-handling anaconda-
client conda-verify conda-build anaconda-navigator anaconda-project: 20%|
| 58/285 [2:14:36<39:37, 10.47s/it]

Examining conflict for conda navigator-updater conda-package-handling anaconda-
client conda-verify conda-build anaconda-navigator anaconda-project: 21%|
| 59/285 [2:14:36<28:38, 7.60s/it]

Examining conflict for backports.tempfile ipython conda-verify anaconda pywinpty

```

tornado matplotlib astroid isort backports.functools_lru_cache get_terminal_size
importlib_metadata path.py backports.weakref backports.shutil_get_terminal_size
backports pylint backports.os soupsieve entrypoints: 21%|          | 59/285
[2:14:37<28:38, 7.60s/it]
Examining conflict for backports.tempfile ipython conda-verify anaconda pywinpty
tornado matplotlib astroid isort backports.functools_lru_cache get_terminal_size
importlib_metadata path.py backports.weakref backports.shutil_get_terminal_size
backports pylint backports.os soupsieve entrypoints: 21%|          | 60/285
[2:14:37<20:40, 5.52s/it]
Examining conflict for sphinx bokeh anaconda nbconvert flask jinja2 jupyterlab
dask numpydoc conda-verify jupyterlab_server spyder conda-build notebook
anaconda-project markupsafe jupyter distributed: 21%|          | 60/285
[2:14:46<20:40, 5.52s/it]
Examining conflict for sphinx bokeh anaconda nbconvert flask jinja2 jupyterlab
dask numpydoc conda-verify jupyterlab_server spyder conda-build notebook
anaconda-project markupsafe jupyter distributed: 21%|          | 61/285
[2:14:46<24:46, 6.63s/it]
Examining conflict for conda anaconda python-libarchive-c libarchive conda-
package-handling conda-verify conda-build: 21%|          | 61/285
[2:15:05<24:46, 6.63s/it]
Examining conflict for conda anaconda python-libarchive-c libarchive conda-
package-handling conda-verify conda-build: 22%|          | 62/285
[2:15:05<38:32, 10.37s/it]
Examining conflict for conda-build backports.tempfile conda-verify: 22%|
| 62/285 [2:15:14<38:32, 10.37s/it]
Examining conflict for conda-build backports.tempfile conda-verify: 22%|
| 63/285 [2:15:14<36:17, 9.81s/it]
Examining conflict for bokeh yaml conda dask-core anaconda navigator-updater
anaconda-client pyyaml ruamel_yaml conda-verify conda-build anaconda-navigator
anaconda-project distributed astropy: 22%|          | 63/285 [2:15:14<36:17,
9.81s/it]
Examining conflict for bokeh yaml conda dask-core anaconda navigator-updater
anaconda-client pyyaml ruamel_yaml conda-verify conda-build anaconda-navigator
anaconda-project distributed astropy: 22%|          | 64/285 [2:15:14<25:29,
6.92s/it]
Examining conflict for dask conda-verify conda-build anaconda-project
distributed sphinx anaconda flask jinja2 scikit-image nbconvert
jupyterlab_server anaconda-navigator notebook _ipyw_jlab_nb_ext_conf bokeh
jupyterlab widgetsnbextension numpydoc jedi spyder jupyter: 22%|          |
64/285 [2:15:26<25:29, 6.92s/it]
Examining conflict for dask conda-verify conda-build anaconda-project
distributed sphinx anaconda flask jinja2 scikit-image nbconvert
jupyterlab_server anaconda-navigator notebook _ipyw_jlab_nb_ext_conf bokeh
jupyterlab widgetsnbextension numpydoc jedi spyder jupyter: 23%|          |
65/285 [2:15:26<30:48, 8.40s/it]
Examining conflict for anaconda widgetsnbextension jupyterlab jupyterlab_server
notebook prometheus_client jupyter: 23%|          | 65/285 [2:15:46<30:48,
8.40s/it]

```

Examining conflict for anaconda widgetsnbextension jupyterlab jupyterlab_server notebook prometheus_client jupyter: 23%| | 66/285 [2:15:46<43:15, 11.85s/it]

Examining conflict for sphinx bokeh conda anaconda urllib3 pyopenssl anaconda-client pip idna anaconda-navigator conda-build jupyterlab_server cryptography nltk requests prometheus_client anaconda-project distributed: 23%| | 66/285 [2:15:55<43:15, 11.85s/it]

Examining conflict for sphinx bokeh conda anaconda urllib3 pyopenssl anaconda-client pip idna anaconda-navigator conda-build jupyterlab_server cryptography nltk requests prometheus_client anaconda-project distributed: 24%| | 67/285 [2:15:55<39:36, 10.90s/it]

Examining conflict for conda anaconda urllib3 pyopenssl anaconda-client spyder cryptography requests prometheus_client distributed: 24%| | 67/285 [2:16:05<39:36, 10.90s/it]

Examining conflict for conda anaconda urllib3 pyopenssl anaconda-client spyder cryptography requests prometheus_client distributed: 24%| | 68/285 [2:16:05<39:24, 10.90s/it]

Examining conflict for nbformat dask prometheus_client astropy sphinx kiwisolver flask matplotlib sqlalchemy pytest seaborn click virtualenv astroid jsonschema ipykernel jupyterlab_server importlib_metadata bokeh pylint spyder keyring: 24%| | 68/285 [2:16:16<39:24, 10.90s/it]

Examining conflict for nbformat dask prometheus_client astropy sphinx kiwisolver flask matplotlib sqlalchemy pytest seaborn click virtualenv astroid jsonschema ipykernel jupyterlab_server importlib_metadata bokeh pylint spyder keyring: 24%| | 69/285 [2:16:16<38:50, 10.79s/it]

Examining conflict for prometheus_client spyder: 24%| | 69/285 [2:16:28<38:50, 10.79s/it]

Examining conflict for prometheus_client spyder: 25%| | 70/285 [2:16:28<39:54, 11.14s/it]

Examining conflict for attrs prometheus_client pytest gevent: 25%| | 70/285 [2:16:30<39:54, 11.14s/it]

Examining conflict for attrs prometheus_client pytest gevent: 25%| | 71/285 [2:16:30<29:35, 8.30s/it]

Examining conflict for prometheus_client virtualenv: 25%| | 71/285 [2:16:30<29:35, 8.30s/it]

Examining conflict for prometheus_client virtualenv: 25%| | 72/285 [2:16:30<20:46, 5.85s/it]

Examining conflict for conda anaconda urllib3 navigator-updater pyopenssl anaconda-client conda-build requests prometheus_client distributed: 25%| | 72/285 [2:16:30<20:46, 5.85s/it]

Examining conflict for spyder-kernels nbformat prometheus_client jupyter_console conda anaconda menuinst jupyter_client nbconvert ipykernel pywin32 jupyterlab_server qtconsole notebook _ipyw_jlab_nb_ext_conf jupyterlab xlwings spyder keyring jupyter jupyter_core: 26%| | 73/285 [2:16:39<20:40, 5.85s/it]

Examining conflict for spyder-kernels nbformat prometheus_client jupyter_console conda anaconda menuinst jupyter_client nbconvert ipykernel pywin32 jupyterlab_server qtconsole notebook _ipyw_jlab_nb_ext_conf jupyterlab xlwings


```

spyder keyring jupyter jupyter_core: 26%|          | 74/285 [2:16:39<19:06,
5.43s/it]
Examining conflict for notebook prometheus_client: 26%|          | 74/285
[2:16:51<19:06, 5.43s/it]
Examining conflict for notebook prometheus_client: 26%|          | 75/285
[2:16:51<25:46, 7.37s/it]
Examining conflict for sympy fastcache anaconda: 26%|          | 75/285
[2:16:51<25:46, 7.37s/it]
Examining conflict for sympy fastcache anaconda: 27%|          | 76/285
[2:16:51<18:12, 5.23s/it]
Examining conflict for imagesize sphinx anaconda numpydoc spyder: 27%|
| 76/285 [2:16:59<18:12, 5.23s/it]
Examining conflict for imagesize sphinx anaconda numpydoc spyder: 27%|
| 77/285 [2:16:59<21:04, 6.08s/it]
Examining conflict for jupyter_console jupyter anaconda: 27%|          | 77/285
[2:17:09<21:04, 6.08s/it]
Examining conflict for jupyter_console jupyter anaconda: 27%|          | 78/285
[2:17:09<24:53, 7.21s/it]
Examining conflict for jupyter_console anaconda spyder-kernels jupyter_client
nbconvert ipykernel jupyterlab widgetsnbextension jupyterlab_server spyder
qtconsole notebook jupyter ipywidgets: 27%|          | 78/285 [2:17:17<24:53,
7.21s/it]
Examining conflict for jupyter_console anaconda spyder-kernels jupyter_client
nbconvert ipykernel jupyterlab widgetsnbextension jupyterlab_server spyder
qtconsole notebook jupyter ipywidgets: 28%|          | 79/285 [2:17:17<25:41,
7.48s/it]
Examining conflict for prompt_toolkit jupyter_console spyder-kernels ipykernel
ipython jupyterlab spyder ipywidgets: 28%|          | 79/285 [2:17:28<25:41,
7.48s/it]
Examining conflict for prompt_toolkit jupyter_console spyder-kernels ipykernel
ipython jupyterlab spyder ipywidgets: 28%|          | 80/285 [2:17:28<29:51,
8.74s/it]
Examining conflict for jupyter_console spyder-kernels ipykernel qtconsole
notebook jupyter ipywidgets: 28%|          | 80/285 [2:17:31<29:51, 8.74s/it]
Examining conflict for jupyter_console spyder-kernels ipykernel qtconsole
notebook jupyter ipywidgets: 28%|          | 81/285 [2:17:31<23:31, 6.92s/it]
Examining conflict for spyder-kernels ipython nbformat jupyter_console anaconda
traitlets jupyter_client nbconvert ipykernel jupyterlab_server qtconsole
notebook _ipyw_jlab_nb_ext_conf anaconda-client jupyterlab widgetsnbextension
spyder jupyter jupyter_core ipywidgets: 28%|          | 81/285 [2:17:32<23:31,
6.92s/it]
Examining conflict for spyder-kernels ipython nbformat jupyter_console anaconda
traitlets jupyter_client nbconvert ipykernel jupyterlab_server qtconsole
notebook _ipyw_jlab_nb_ext_conf anaconda-client jupyterlab widgetsnbextension
spyder jupyter jupyter_core ipywidgets: 29%|          | 82/285 [2:17:32<17:33,
5.19s/it]
Examining conflict for jupyter_console anaconda ipykernel ipython jupyterlab
simplegeneric ipywidgets: 29%|          | 82/285 [2:17:44<17:33, 5.19s/it]

```

Examining conflict for jupyter_console anaconda ipykernel ipython jupyterlab
simplegeneric ipywidgets: 29%| | 83/285 [2:17:44<24:27, 7.27s/it]

Examining conflict for prompt_toolkit jupyter_console anaconda spyder-kernels
ipykernel ipython jupyterlab spyder jupyter ipywidgets: 29%| | 83/285
[2:17:53<24:27, 7.27s/it]

Examining conflict for prompt_toolkit jupyter_console anaconda spyder-kernels
ipykernel ipython jupyterlab spyder jupyter ipywidgets: 29%| | 84/285
[2:17:53<26:01, 7.77s/it]

Examining conflict for jupyter_console anaconda spyder-kernels traitlets scikit-
image decorator jupyter_client nbconvert ipykernel ipython nbformat jupyterlab
spyder qtconsole notebook networkx jupyter_core ipywidgets: 29%| |
84/285 [2:18:04<26:01, 7.77s/it]

Examining conflict for jupyter_console anaconda spyder-kernels traitlets scikit-
image decorator jupyter_client nbconvert ipykernel ipython nbformat jupyterlab
spyder qtconsole notebook networkx jupyter_core ipywidgets: 30%| |
85/285 [2:18:04<29:01, 8.71s/it]

Examining conflict for jupyter_console anaconda spyder-kernels ipykernel ipython
jupyterlab jedi spyder ipywidgets: 30%| | 85/285 [2:18:18<29:01,
8.71s/it]

Examining conflict for jupyter_console anaconda spyder-kernels ipykernel ipython
jupyterlab jedi spyder ipywidgets: 30%| | 86/285 [2:18:18<34:07,
10.29s/it]

Examining conflict for jupyter_console anaconda spyder-kernels pickleshare
ipykernel ipython jupyterlab spyder ipywidgets: 30%| | 86/285
[2:18:29<34:07, 10.29s/it]

Examining conflict for jupyter_console anaconda spyder-kernels pickleshare
ipykernel ipython jupyterlab spyder ipywidgets: 31%| | 87/285
[2:18:29<34:51, 10.57s/it]

Examining conflict for jupyter_console anaconda spyder-kernels ipykernel ipython
jupyterlab spyder qtconsole notebook jupyter_ipyw_jlab_nb_ext_conf ipywidgets:
31%| | 87/285 [2:18:40<34:51, 10.57s/it]

Examining conflict for jupyter_console anaconda spyder-kernels ipykernel ipython
jupyterlab spyder qtconsole notebook jupyter_ipyw_jlab_nb_ext_conf ipywidgets:
31%| | 88/285 [2:18:40<34:47, 10.60s/it]

Examining conflict for spyder-kernels dask anaconda-project astropy distributed
jupyter_console anaconda tornado matplotlib seaborn jupyter_client scikit-image
nbconvert terminado ipykernel jupyterlab_server anaconda-navigator qtconsole
notebook networkx_ipyw_jlab_nb_ext_conf bokeh jupyterlab widgetsnbextension
nlTK jupyter ipywidgets: 31%| | 88/285 [2:18:51<34:47, 10.60s/it]

Examining conflict for spyder-kernels dask anaconda-project astropy distributed
jupyter_console anaconda tornado matplotlib seaborn jupyter_client scikit-image
nbconvert terminado ipykernel jupyterlab_server anaconda-navigator qtconsole
notebook networkx_ipyw_jlab_nb_ext_conf bokeh jupyterlab widgetsnbextension
nlTK jupyter ipywidgets: 31%| | 89/285 [2:18:51<35:06, 10.75s/it]

Examining conflict for jupyter_console anaconda spyder-kernels jupyter_client
nbconvert ipykernel jupyterlab widgetsnbextension jupyterlab_server spyder
qtconsole notebook jupyter pyzmq ipywidgets: 31%| | 89/285
[2:19:15<35:06, 10.75s/it]

Examining conflict for jupyter_console anaconda spyder-kernels jupyter_client
nbconvert ipykernel jupyterlab widgetsnbextension jupyterlab_server spyder
qtconsole notebook jupyter pyzmq ipywidgets: 32%| | 90/285
[2:19:15<47:42, 14.68s/it]

Examining conflict for jupyter_console anaconda spyder-kernels jupyter_client
nbconvert ipykernel anaconda-client nbformat jupyterlab widgetsnbextension
jupyterlab_server spyder qtconsole notebook jupyter jupyter_core
_ipyw_jlab_nb_ext_conf ipywidgets: 32%| | 90/285 [2:19:27<47:42,
14.68s/it]

Examining conflict for jupyter_console anaconda spyder-kernels jupyter_client
nbconvert ipykernel anaconda-client nbformat jupyterlab widgetsnbextension
jupyterlab_server spyder qtconsole notebook jupyter jupyter_core
_ipyw_jlab_nb_ext_conf ipywidgets: 32%| | 91/285 [2:19:27<44:28,
13.75s/it]

Examining conflict for spyder-kernels dask statsmodels anaconda-project astropy
jupyter_console anaconda matplotlib seaborn pandas jupyter_client scikit-image
nbconvert ipykernel anaconda-navigator qtconsole notebook python-dateutil
networkx bokeh anaconda-client bkcharts nltk: 32%| | 91/285
[2:19:39<44:28, 13.75s/it]

Examining conflict for spyder-kernels dask statsmodels anaconda-project astropy
jupyter_console anaconda matplotlib seaborn pandas jupyter_client scikit-image
nbconvert ipykernel anaconda-navigator qtconsole notebook python-dateutil
networkx bokeh anaconda-client bkcharts nltk: 32%| | 92/285
[2:19:39<42:27, 13.20s/it]

Examining conflict for spyder-kernels ipython nbformat jupyter_console anaconda
traitlets jupyter_client nbconvert ipykernel jupyterlab_server qtconsole
notebook _ipyw_jlab_nb_ext_conf ipython_genutils anaconda-client jupyterlab
widgetsnbextension spyder jupyter jupyter_core ipywidgets: 32%| |
92/285 [2:20:04<42:27, 13.20s/it]

Examining conflict for spyder-kernels ipython nbformat jupyter_console anaconda
traitlets jupyter_client nbconvert ipykernel jupyterlab_server qtconsole
notebook _ipyw_jlab_nb_ext_conf ipython_genutils anaconda-client jupyterlab
widgetsnbextension spyder jupyter jupyter_core ipywidgets: 33%| |
93/285 [2:20:04<54:17, 16.96s/it]

Examining conflict for jupyter_console spyder-kernels ipykernel ipython
jupyterlab spyder qtconsole notebook jupyter ipywidgets: 33%| | 93/285
[2:20:16<54:17, 16.96s/it]

Examining conflict for jupyter_console spyder-kernels ipykernel ipython
jupyterlab spyder qtconsole notebook jupyter ipywidgets: 33%| | 94/285
[2:20:16<49:04, 15.42s/it]

Examining conflict for jupyter_console spyder-kernels jupyter_client nbconvert
ipykernel jupyterlab widgetsnbextension jupyterlab_server qtconsole notebook
jupyter ipywidgets: 33%| | 94/285 [2:20:19<49:04, 15.42s/it]

Examining conflict for jupyter_console spyder-kernels jupyter_client nbconvert
ipykernel jupyterlab widgetsnbextension jupyterlab_server qtconsole notebook
jupyter ipywidgets: 33%| | 95/285 [2:20:19<37:08, 11.73s/it]

Examining conflict for jupyter_console anaconda spyder-kernels ipykernel
jupyterlab widgetsnbextension jupyterlab_server spyder qtconsole notebook

```

jupyter _ipyw_jlab_nb_ext_conf ipywidgets: 33%|          | 95/285
[2:20:21<37:08, 11.73s/it]
Examining conflict for jupyter_console anaconda spyder-kernels ipykernel
jupyterlab widgetsnbextension jupyterlab_server spyder qtconsole notebook
jupyter _ipyw_jlab_nb_ext_conf ipywidgets: 34%|          | 96/285
[2:20:21<27:48, 8.83s/it]
Examining conflict for jupyter_console anaconda spyder-kernels jupyter_client
notebook nbconvert ipykernel jupyterlab jupyterlab_server spyder keyring
qtconsole entrypoints jupyter: 34%|          | 96/285 [2:20:32<27:48,
8.83s/it]
Examining conflict for jupyter_console anaconda spyder-kernels jupyter_client
notebook nbconvert ipykernel jupyterlab jupyterlab_server spyder keyring
qtconsole entrypoints jupyter: 34%|          | 97/285 [2:20:32<29:29,
9.41s/it]
Examining conflict for prompt_toolkit jupyter_console sphinx pygments anaconda
spyder-kernels kivy nbconvert ipykernel ipython jupyterlab numpydoc spyder
qtconsole notebook jupyter ipywidgets: 34%|          | 97/285 [2:20:44<29:29,
9.41s/it]
Examining conflict for prompt_toolkit jupyter_console sphinx pygments anaconda
spyder-kernels kivy nbconvert ipykernel ipython jupyterlab numpydoc spyder
qtconsole notebook jupyter ipywidgets: 34%|          | 98/285 [2:20:44<31:13,
10.02s/it]
Examining conflict for jupyter_console backports.shutil_get_terminal_size
anaconda ipykernel ipython jupyterlab get_terminal_size ipywidgets: 34%|
| 98/285 [2:20:55<31:13, 10.02s/it]
Examining conflict for jupyter_console backports.shutil_get_terminal_size
anaconda ipykernel ipython jupyterlab get_terminal_size ipywidgets: 35%|
| 99/285 [2:20:55<32:46, 10.57s/it]
Examining conflict for jupyter_console anaconda spyder-kernels ipykernel ipython
jupyterlab spyder backcall ipywidgets: 35%|          | 99/285 [2:21:04<32:46,
10.57s/it]
Examining conflict for jupyter_console anaconda spyder-kernels ipykernel ipython
jupyterlab spyder backcall ipywidgets: 35%|          | 100/285 [2:21:04<30:56,
10.04s/it]
Examining conflict for jupyter_console spyder-kernels ipykernel ipython
jupyterlab spyder ipywidgets: 35%|          | 100/285 [2:21:15<30:56,
10.04s/it]
Examining conflict for jupyter_console spyder-kernels ipykernel ipython
jupyterlab spyder ipywidgets: 35%|          | 101/285 [2:21:15<31:17,
10.20s/it]
Examining conflict for jupyter_console anaconda ipykernel ipython
win_unicode_console jupyterlab ipywidgets: 35%|          | 101/285
[2:21:17<31:17, 10.20s/it]
Examining conflict for jupyter_console anaconda ipykernel ipython
win_unicode_console jupyterlab ipywidgets: 36%|          | 102/285
[2:21:17<24:06, 7.91s/it]
Examining conflict for pytest-arraydiff scipy h5py statsmodels dask pywavelets
numexpr astropy numpy anaconda numba mkl_fft mkl_random matplotlib mkl-service

```

```

seaborn pytables pandas pytest-doctestplus scikit-learn scikit-image patsy
imageio networkx bokeh bkcharts nltk numpy-base bottleneck: 36%|          |
102/285 [2:21:27<24:06, 7.91s/it]
Examining conflict for pytest-arraydiff scipy h5py statsmodels dask pywavelets
numexpr astropy numpy anaconda numba mkl_fft mkl_random matplotlib mkl-service
seaborn pytables pandas pytest-doctestplus scikit-learn scikit-image patsy
imageio networkx bokeh bkcharts nltk numpy-base bottleneck: 36%|          |
103/285 [2:21:27<25:09, 8.29s/it]
Examining conflict for pytest-arraydiff scipy h5py statsmodels dask pywavelets
numexpr astropy mkl numpy anaconda numba mkl_fft mkl_random matplotlib mkl-
service seaborn pytables pandas pytest-doctestplus scikit-learn scikit-image
patsy imageio networkx bokeh bkcharts nltk numpy-base bottleneck: 36%|
| 103/285 [2:21:58<25:09, 8.29s/it]
Examining conflict for pytest-arraydiff scipy h5py statsmodels dask pywavelets
numexpr astropy mkl numpy anaconda numba mkl_fft mkl_random matplotlib mkl-
service seaborn pytables pandas pytest-doctestplus scikit-learn scikit-image
patsy imageio networkx bokeh bkcharts nltk numpy-base bottleneck: 36%|
| 104/285 [2:21:58<45:42, 15.15s/it]
Examining conflict for pytest-arraydiff scipy h5py statsmodels dask pywavelets
numexpr astropy numpy anaconda numba mkl_fft mkl_random matplotlib mkl-service
seaborn pytables pandas pytest-doctestplus scikit-learn scikit-image patsy
imageio networkx bokeh bkcharts nltk bottleneck: 36%|          | 104/285
[2:22:29<45:42, 15.15s/it]
Examining conflict for pytest-arraydiff scipy h5py statsmodels dask pywavelets
numexpr astropy numpy anaconda numba mkl_fft mkl_random matplotlib mkl-service
seaborn pytables pandas pytest-doctestplus scikit-learn scikit-image patsy
imageio networkx bokeh bkcharts nltk bottleneck: 37%|          | 105/285
[2:22:29<59:44, 19.92s/it]
Examining conflict for pytest-arraydiff scipy h5py hdf5 statsmodels dask
pywavelets numexpr astropy numpy anaconda numba mkl_fft mkl_random matplotlib
mkl-service seaborn pandas pytables pytest-doctestplus scikit-learn scikit-image
patsy imageio networkx icc_rt bokeh bkcharts nltk numpy-base bottleneck:
37%|          | 105/285 [2:22:59<59:44, 19.92s/it]
Examining conflict for pytest-arraydiff scipy h5py hdf5 statsmodels dask
pywavelets numexpr astropy numpy anaconda numba mkl_fft mkl_random matplotlib
mkl-service seaborn pandas pytables pytest-doctestplus scikit-learn scikit-image
patsy imageio networkx icc_rt bokeh bkcharts nltk numpy-base bottleneck:
37%|          | 106/285 [2:22:59<1:08:41, 23.03s/it]
Examining conflict for scikit-learn numpy mkl-service anaconda scikit-image
patsy scipy intel-openmp mkl_fft statsmodels mkl_random numpy-base nltk numexpr
seaborn networkx mkl astropy: 37%|          | 106/285 [2:23:30<1:08:41,
23.03s/it]
Examining conflict for scikit-learn numpy mkl-service anaconda scikit-image
patsy scipy intel-openmp mkl_fft statsmodels mkl_random numpy-base nltk numexpr
seaborn networkx mkl astropy: 38%|          | 107/285 [2:23:30<1:15:08,
25.33s/it]
Examining conflict for pytest-arraydiff scipy h5py statsmodels dask pywavelets
numexpr astropy blas numpy anaconda numba mkl_fft mkl_random matplotlib mkl-

```

```

service seaborn pandas pytables pytest-doctestplus scikit-learn scikit-image
patsy imageio networkx bokeh bkcharts nltk numpy-base bottleneck: 38%|
| 107/285 [2:23:47<1:15:08, 25.33s/it]
Examining conflict for pytest-arraydiff scipy h5py statsmodels dask pywavelets
numexpr astropy blas numpy anaconda numba mkl_fft mkl_random matplotlib mkl-
service seaborn pandas pytables pytest-doctestplus scikit-learn scikit-image
patsy imageio networkx bokeh bkcharts nltk numpy-base bottleneck: 38%|
| 108/285 [2:23:47<1:07:52, 23.01s/it]
Examining conflict for sphinx anaconda sphinxcontrib-websupport numpydoc spyder:
38%| | 108/285 [2:24:18<1:07:52, 23.01s/it]
Examining conflict for sphinx anaconda sphinxcontrib-websupport numpydoc spyder:
38%| | 109/285 [2:24:18<1:14:06, 25.26s/it]
Examining conflict for sphinx sphinxcontrib anaconda sphinxcontrib-websupport:
38%| | 109/285 [2:24:28<1:14:06, 25.26s/it]
Examining conflict for sphinx sphinxcontrib anaconda sphinxcontrib-websupport:
39%| | 110/285 [2:24:28<1:00:22, 20.70s/it]
Examining conflict for pathlib2 anaconda pickleshare ipython testpath conda-
build pytest importlib_metadata: 39%| | 110/285 [2:24:36<1:00:22,
20.70s/it]
Examining conflict for pathlib2 anaconda pickleshare ipython testpath conda-
build pytest importlib_metadata: 39%| | 111/285 [2:24:36<49:13,
16.98s/it]
Examining conflict for kivy sdl2_mixer: 39%| | 111/285 [2:24:45<49:13,
16.98s/it]
Examining conflict for kivy sdl2_mixer: 39%| | 112/285 [2:24:45<41:41,
14.46s/it]
Examining conflict for sdl2_ttf kivy sdl2_image sdl2_mixer smpeg2 sdl2:
39%| | 112/285 [2:24:45<41:41, 14.46s/it]
Examining conflict for smpeg2 kivy sdl2_mixer: 40%| | 113/285
[2:24:45<41:27, 14.46s/it]
Examining conflict for anaconda python-libarchive-c libiconv conda-package-
handling libarchive libxml2 conda-build lxml libxslt: 40%| | 114/285
[2:24:45<41:12, 14.46s/it]
Examining conflict for conda anaconda navigator-updater anaconda-client
ruamel_yaml conda-build anaconda-navigator anaconda-project: 40%| |
115/285 [2:24:53<40:58, 14.46s/it]
Examining conflict for conda anaconda navigator-updater anaconda-client
ruamel_yaml conda-build anaconda-navigator anaconda-project: 41%| |
116/285 [2:24:53<30:20, 10.77s/it]
Examining conflict for ruamel_yaml anaconda-project conda anaconda-client:
41%| | 116/285 [2:25:02<30:20, 10.77s/it]
Examining conflict for ruamel_yaml anaconda-project conda anaconda-client:
41%| | 117/285 [2:25:02<28:34, 10.21s/it]
Examining conflict for bokeh anaconda scikit-image dask matplotlib nltk seaborn
networkx astropy: 41%| | 117/285 [2:25:03<28:34, 10.21s/it]
Examining conflict for bokeh anaconda scikit-image dask matplotlib nltk seaborn
networkx astropy: 41%| | 118/285 [2:25:03<20:06, 7.22s/it]
Examining conflict for bokeh scikit-image matplotlib nltk seaborn networkx

```

astropy: 41%| | 118/285 [2:25:22<20:06, 7.22s/it]
 Examining conflict for bokeh scikit-image matplotlib nltk seaborn networkx
 astropy: 42%| | 119/285 [2:25:22<30:10, 10.91s/it]
 Examining conflict for pillow sdl2_ttf kivy bokeh anaconda scikit-image imageio
 anaconda-navigator matplotlib seaborn nltk freetype astropy: 42%| |
 119/285 [2:25:29<30:10, 10.91s/it]
 Examining conflict for pillow sdl2_ttf kivy bokeh anaconda scikit-image imageio
 anaconda-navigator matplotlib seaborn nltk freetype astropy: 42%| |
 120/285 [2:25:29<26:52, 9.78s/it]
 Examining conflict for bokeh scikit-image dask matplotlib seaborn: 42%|
 | 120/285 [2:25:45<26:52, 9.78s/it]
 Examining conflict for bokeh scikit-image dask matplotlib seaborn: 42%|
 | 121/285 [2:25:45<31:34, 11.55s/it]
 Examining conflict for bokeh anaconda scikit-image navigator-updater anaconda-
 navigator matplotlib spyder nltk qtconsole pyqt seaborn networkx jupyter
 astropy: 42%| | 121/285 [2:25:55<31:34, 11.55s/it]
 Examining conflict for bokeh anaconda scikit-image navigator-updater anaconda-
 navigator matplotlib spyder nltk qtconsole pyqt seaborn networkx jupyter
 astropy: 43%| | 122/285 [2:25:55<29:54, 11.01s/it]
 Examining conflict for anaconda navigator-updater matplotlib spyder anaconda-
 navigator qtconsole pyqt sip: 43%| | 122/285 [2:26:12<29:54,
 11.01s/it]
 Examining conflict for anaconda navigator-updater matplotlib spyder anaconda-
 navigator qtconsole pyqt sip: 43%| | 123/285 [2:26:12<34:58,
 12.96s/it]
 Examining conflict for seaborn matplotlib scikit-image: 43%| | 123/285
 [2:26:23<34:58, 12.96s/it]
 Examining conflict for seaborn matplotlib scikit-image: 44%| | 124/285
 [2:26:23<33:14, 12.39s/it]
 Examining conflict for anaconda navigator-updater qt matplotlib spyder anaconda-
 navigator qtconsole pyqt: 44%| | 124/285 [2:26:27<33:14, 12.39s/it]
 Examining conflict for anaconda navigator-updater qt matplotlib spyder anaconda-
 navigator qtconsole pyqt: 44%| | 125/285 [2:26:27<26:01, 9.76s/it]
 Examining conflict for pillow bokeh kivy anaconda scikit-image imageio dask
 matplotlib anaconda-navigator seaborn: 44%| | 125/285 [2:26:38<26:01,
 9.76s/it]
 Examining conflict for pillow bokeh kivy anaconda scikit-image imageio dask
 matplotlib anaconda-navigator seaborn: 44%| | 126/285 [2:26:38<26:48,
 10.12s/it]
 Examining conflict for statsmodels numexpr astropy distributed sphinx anaconda
 matplotlib pytest seaborn pytables pytest-doctestplus dask-core bleach qtpy
 scikit-image nbconvert ipykernel pyparsing jupyterlab_server bokeh packaging pip
 jupyterlab nltk sip: 44%| | 126/285 [2:26:57<26:48, 10.12s/it]
 Examining conflict for statsmodels numexpr astropy distributed sphinx anaconda
 matplotlib pytest seaborn pytables pytest-doctestplus dask-core bleach qtpy
 scikit-image nbconvert ipykernel pyparsing jupyterlab_server bokeh packaging pip
 jupyterlab nltk sip: 45%| | 127/285 [2:26:57<34:03, 12.94s/it]
 Examining conflict for pillow sdl2_ttf libpng bokeh anaconda scikit-image

```

matplotlib seaborn nltk qt pyqt freetype astropy: 45%|          | 127/285
[2:27:16<34:03, 12.94s/it]
Examining conflict for pillow sdl2_ttf libpng bokeh anaconda scikit-image
matplotlib seaborn nltk qt pyqt freetype astropy: 45%|          | 128/285
[2:27:16<38:13, 14.61s/it]
Examining conflict for bokeh anaconda jupyter_client pylint astroid numba
terminado ipykernel singledispatch jupyterlab tornado dask matplotlib spyder
nltk notebook anaconda-project distributed: 45%|          | 128/285
[2:27:31<38:13, 14.61s/it]
Examining conflict for bokeh anaconda jupyter_client pylint astroid numba
terminado ipykernel singledispatch jupyterlab tornado dask matplotlib spyder
nltk notebook anaconda-project distributed: 45%|          | 129/285
[2:27:31<38:19, 14.74s/it]
Examining conflict for gevent navigator-updater cython ipython conda-build
anaconda-project astropy distributed sphinx conda anaconda numba jinja2 tornado
pywinpty matplotlib certifi seaborn pytest pytest-doctestplus pygments bleach
jupyter_client astroid scikit-image nose jsonschema terminado ipykernel isort
backports.functools_lru_cache sympy jupyterlab_server anaconda-navigator
requests notebook networkx setuptools bokeh pyflakes urllib3 clyent anaconda-
client pip jupyterlab joblib spyder nltk wheel: 45%|          | 129/285
[2:27:49<38:19, 14.74s/it]
Examining conflict for gevent navigator-updater cython ipython conda-build
anaconda-project astropy distributed sphinx conda anaconda numba jinja2 tornado
pywinpty matplotlib certifi seaborn pytest pytest-doctestplus pygments bleach
jupyter_client astroid scikit-image nose jsonschema terminado ipykernel isort
backports.functools_lru_cache sympy jupyterlab_server anaconda-navigator
requests notebook networkx setuptools bokeh pyflakes urllib3 clyent anaconda-
client pip jupyterlab joblib spyder nltk wheel: 46%|          | 130/285
[2:27:49<40:59, 15.87s/it]
Examining conflict for bokeh anaconda scikit-image jsonschema nbformat
matplotlib spyder jupyterlab_server nltk seaborn: 46%|          | 130/285
[2:28:11<40:59, 15.87s/it]
Examining conflict for bokeh anaconda scikit-image jsonschema nbformat
matplotlib spyder jupyterlab_server nltk seaborn: 46%|          | 131/285
[2:28:11<44:57, 17.51s/it]
Examining conflict for gevent navigator-updater cython ipython conda-build
astropy distributed sphinx conda anaconda numba jinja2 pywinpty matplotlib
pytest pytest-doctestplus pygments bleach astroid nose jsonschema isort
backports.functools_lru_cache sympy anaconda-navigator networkx setuptools
pyflakes wincertstore clyent anaconda-client pip joblib spyder wheel: 46%|
| 131/285 [2:28:25<44:57, 17.51s/it]
Examining conflict for gevent navigator-updater cython ipython conda-build
astropy distributed sphinx conda anaconda numba jinja2 pywinpty matplotlib
pytest pytest-doctestplus pygments bleach astroid nose jsonschema isort
backports.functools_lru_cache sympy anaconda-navigator networkx setuptools
pyflakes wincertstore clyent anaconda-client pip joblib spyder wheel: 46%|
| 132/285 [2:28:25<42:18, 16.59s/it]
Examining conflict for navigator-updater matplotlib spyder anaconda-navigator

```



```

qtconsole pyqt: 46%|          | 132/285 [2:28:41<42:18, 16.59s/it]
Examining conflict for navigator-updater matplotlib spyder anaconda-navigator
qtconsole pyqt: 47%|          | 133/285 [2:28:41<41:45, 16.48s/it]
Examining conflict for navigator-updater qt matplotlib spyder anaconda-navigator
qtconsole pyqt: 47%|          | 133/285 [2:28:44<41:45, 16.48s/it]
Examining conflict for navigator-updater qt matplotlib spyder anaconda-navigator
qtconsole pyqt: 47%|          | 134/285 [2:28:44<31:12, 12.40s/it]
Examining conflict for bokeh anaconda scikit-image cycler matplotlib nltk
seaborn astropy: 47%|          | 134/285 [2:28:47<31:12, 12.40s/it]
Examining conflict for bokeh anaconda scikit-image cycler matplotlib nltk
seaborn astropy: 47%|          | 135/285 [2:28:47<23:55, 9.57s/it]
Examining conflict for bokeh anaconda jupyter_client terminado ipykernel
jupyterlab tornado matplotlib notebook anaconda-project distributed: 47%|
| 135/285 [2:29:02<23:55, 9.57s/it]
Examining conflict for bokeh anaconda jupyter_client terminado ipykernel
jupyterlab tornado matplotlib notebook anaconda-project distributed: 48%|
| 136/285 [2:29:02<27:36, 11.12s/it]
Examining conflict for dask statsmodels conda-build anaconda-project astropy
babel sphinx anaconda pytz matplotlib seaborn pandas scikit-image
jupyterlab_server anaconda-navigator networkx bokeh anaconda-client bkcharts
nltk: 48%|          | 136/285 [2:29:06<27:36, 11.12s/it]
Examining conflict for dask statsmodels conda-build anaconda-project astropy
babel sphinx anaconda pytz matplotlib seaborn pandas scikit-image
jupyterlab_server anaconda-navigator networkx bokeh anaconda-client bkcharts
nltk: 48%|          | 137/285 [2:29:06<22:00, 8.92s/it]
Examining conflict for bokeh anaconda scikit-image kiwisolver matplotlib nltk
seaborn astropy: 48%|          | 137/285 [2:29:29<22:00, 8.92s/it]
Examining conflict for bokeh anaconda scikit-image kiwisolver matplotlib nltk
seaborn astropy: 48%|          | 138/285 [2:29:29<32:22, 13.22s/it]
Examining conflict for sphinx anaconda numpypdoc spyder sphinxcontrib-htmlhelp:
48%|          | 138/285 [2:29:44<32:22, 13.22s/it]
Examining conflict for sphinx anaconda numpypdoc spyder sphinxcontrib-htmlhelp:
49%|          | 139/285 [2:29:44<33:33, 13.79s/it]
Examining conflict for bokeh anaconda scikit-image pandas bkcharts statsmodels
dask seaborn networkx: 49%|          | 139/285 [2:29:55<33:33, 13.79s/it]
Examining conflict for bokeh anaconda scikit-image pandas bkcharts statsmodels
dask seaborn networkx: 49%|          | 140/285 [2:29:55<30:52, 12.78s/it]
Examining conflict for bokeh anaconda pandas bkcharts statsmodels dask numexpr
pytables seaborn networkx: 49%|          | 140/285 [2:30:14<30:52, 12.78s/it]
Examining conflict for bokeh anaconda pandas bkcharts statsmodels dask numexpr
pytables seaborn networkx: 49%|          | 141/285 [2:30:14<35:15, 14.69s/it]
Examining conflict for bokeh anaconda pandas bkcharts statsmodels dask seaborn
networkx bottleneck: 49%|          | 141/285 [2:30:34<35:15, 14.69s/it]
Examining conflict for bokeh anaconda pandas bkcharts statsmodels dask seaborn
networkx bottleneck: 50%|          | 142/285 [2:30:34<38:42, 16.24s/it]
Examining conflict for anaconda nbconvert spyder notebook jupyter lxml:
50%|          | 142/285 [2:30:54<38:42, 16.24s/it]
Examining conflict for anaconda nbconvert spyder notebook jupyter lxml:

```

50%| | 143/285 [2:30:54<41:35, 17.57s/it]
Examining conflict for anaconda nbconvert pyqt lxml libxslt: 50%| |
143/285 [2:31:04<41:35, 17.57s/it]
Examining conflict for anaconda nbconvert pyqt lxml libxslt: 51%| |
144/285 [2:31:04<36:06, 15.37s/it]
Examining conflict for anaconda nbconvert python-libarchive-c conda-package-
handling libarchive libxml2 conda-build pyqt lxml libxslt: 51%| |
144/285 [2:31:13<36:06, 15.37s/it]
Examining conflict for anaconda nbconvert python-libarchive-c conda-package-
handling libarchive libxml2 conda-build pyqt lxml libxslt: 51%| |
145/285 [2:31:13<31:11, 13.37s/it]
Examining conflict for pylint anaconda spyder astroid: 51%| | 145/285
[2:31:22<31:11, 13.37s/it]
Examining conflict for pylint anaconda spyder astroid: 51%| | 146/285
[2:31:22<27:52, 12.03s/it]
Examining conflict for pylint lazy-object-proxy anaconda astroid: 51%|
| 146/285 [2:31:32<27:52, 12.03s/it]
Examining conflict for pylint lazy-object-proxy anaconda astroid: 52%|
| 147/285 [2:31:32<26:27, 11.51s/it]
Examining conflict for pylint anaconda astroid wrapt: 52%| | 147/285
[2:31:41<26:27, 11.51s/it]
Examining conflict for pylint anaconda astroid wrapt: 52%| | 148/285
[2:31:41<24:19, 10.66s/it]
Examining conflict for notebook pylint astroid: 52%| | 148/285
[2:31:49<24:19, 10.66s/it]
Examining conflict for notebook pylint astroid: 52%| | 149/285
[2:31:49<22:38, 9.99s/it]
Examining conflict for pylint anaconda astroid: 52%| | 149/285
[2:31:50<22:38, 9.99s/it]
Examining conflict for pylint anaconda astroid: 53%| | 150/285
[2:31:50<16:00, 7.12s/it]
Examining conflict for zeromq anaconda spyder-kernels jupyter_client ipykernel
spyder qtconsole notebook pyzmq: 53%| | 150/285 [2:31:58<16:00,
7.12s/it]
Examining conflict for zeromq anaconda spyder-kernels jupyter_client ipykernel
spyder qtconsole notebook pyzmq: 53%| | 151/285 [2:31:58<16:45,
7.51s/it]
Examining conflict for zeromq anaconda spyder-kernels jupyter_client ipykernel
spyder libsodium qtconsole notebook pyzmq: 53%| | 151/285
[2:32:09<16:45, 7.51s/it]
Examining conflict for zeromq anaconda spyder-kernels jupyter_client ipykernel
spyder libsodium qtconsole notebook pyzmq: 53%| | 152/285
[2:32:09<18:48, 8.48s/it]
Examining conflict for sphinx path.py anaconda numba click zipp jsonschema
ipykernel pluggy flask sqlalchemy jupyterlab_server spyder keyring pytest
virtualenv importlib_metadata astropy: 53%| | 152/285 [2:32:20<18:48,
8.48s/it]
Examining conflict for sphinx path.py anaconda numba click zipp jsonschema

```

ipykernel pluggy flask sqlalchemy jupyterlab_server spyder keyring pytest
virtualenv importlib_metadata astropy: 54%|          | 153/285 [2:32:20<20:07,
9.15s/it]
Examining conflict for anaconda terminado widgetsnbextension jupyterlab
jupyterlab_server notebook jupyter: 54%|          | 153/285 [2:32:34<20:07,
9.15s/it]
Examining conflict for anaconda terminado widgetsnbextension jupyterlab
jupyterlab_server notebook jupyter: 54%|          | 154/285 [2:32:34<23:08,
10.60s/it]
Examining conflict for anaconda terminado pywinpty jupyterlab jupyterlab_server
notebook: 54%|          | 154/285 [2:32:43<23:08, 10.60s/it]
Examining conflict for anaconda terminado pywinpty jupyterlab jupyterlab_server
notebook: 54%|          | 155/285 [2:32:43<22:15, 10.27s/it]
Examining conflict for terminado anaconda pywinpty: 54%|          | 155/285
[2:32:52<22:15, 10.27s/it]
Examining conflict for terminado anaconda pywinpty: 55%|          | 156/285
[2:32:52<21:20, 9.92s/it]
Examining conflict for pywinpty terminado anaconda winpty: 55%|          |
156/285 [2:33:00<21:20, 9.92s/it]
Examining conflict for pywinpty terminado anaconda winpty: 55%|          |
157/285 [2:33:00<20:01, 9.38s/it]
Examining conflict for m2w64-gcc-libgfortran anaconda m2w64-gcc-libs terminado
pywinpty m2w64-gcc-libs-core: 55%|          | 157/285 [2:33:09<20:01,
9.38s/it]
Examining conflict for m2w64-gcc-libgfortran anaconda m2w64-gcc-libs terminado
pywinpty m2w64-gcc-libs-core: 55%|          | 158/285 [2:33:09<19:07,
9.03s/it]
Examining conflict for m2w64-gcc-libgfortran anaconda m2w64-gcc-libs terminado
pywinpty: 55%|          | 158/285 [2:33:24<19:07, 9.03s/it]
Examining conflict for m2w64-gcc-libgfortran anaconda m2w64-gcc-libs terminado
pywinpty: 56%|          | 159/285 [2:33:24<22:44, 10.83s/it]
Examining conflict for anaconda nbconvert testpath spyder notebook jupyter:
56%|          | 159/285 [2:33:39<22:44, 10.83s/it]
Examining conflict for anaconda nbconvert testpath spyder notebook jupyter:
56%|          | 160/285 [2:33:39<25:18, 12.15s/it]
Examining conflict for sphinx bokeh conda anaconda navigator-updater anaconda-
client pip jupyterlab dask anaconda-navigator numpydoc python jupyterlab_server
spyder nltk requests conda-build anaconda-project: 56%|          | 160/285
[2:33:57<25:18, 12.15s/it]
Examining conflict for sphinx bokeh conda anaconda navigator-updater anaconda-
client pip jupyterlab dask anaconda-navigator numpydoc python jupyterlab_server
spyder nltk requests conda-build anaconda-project: 56%|          | 161/285
[2:33:57<28:59, 14.03s/it]
Examining conflict for sphinx bokeh conda anaconda anaconda-client pip anaconda-
navigator chardet spyder jupyterlab_server nltk requests conda-build anaconda-
project: 56%|          | 161/285 [2:34:29<28:59, 14.03s/it]
Examining conflict for sphinx bokeh conda anaconda anaconda-client pip anaconda-
navigator chardet spyder jupyterlab_server nltk requests conda-build anaconda-

```

```

project: 57%|          | 162/285 [2:34:29<39:53, 19.46s/it]
Examining conflict for requests anaconda-client urllib3 distributed: 57%|
| 162/285 [2:34:51<39:53, 19.46s/it]
Examining conflict for requests anaconda-client urllib3 distributed: 57%|
| 163/285 [2:34:51<40:57, 20.14s/it]
Examining conflict for sphinx bokeh conda anaconda urllib3 anaconda-client pip
dask anaconda-navigator conda-build jupyterlab_server nltk requests anaconda-
project distributed: 57%|          | 163/285 [2:34:52<40:57, 20.14s/it]
Examining conflict for sphinx bokeh conda anaconda urllib3 anaconda-client pip
dask anaconda-navigator conda-build jupyterlab_server nltk requests anaconda-
project distributed: 58%|          | 164/285 [2:34:52<28:51, 14.31s/it]
Examining conflict for sphinx bokeh conda anaconda-client pip anaconda-navigator
conda-build jupyterlab_server nltk requests anaconda-project: 58%|          |
164/285 [2:35:21<28:51, 14.31s/it]
Examining conflict for sphinx bokeh conda anaconda-client pip anaconda-navigator
conda-build jupyterlab_server nltk requests anaconda-project: 58%|          |
165/285 [2:35:21<37:18, 18.65s/it]
Examining conflict for anaconda urllib3 pyopenssl jupyterlab widgetsnbextension
jupyterlab_server cryptography requests notebook jupyter distributed:
58%|          | 165/285 [2:35:24<37:18, 18.65s/it]
Examining conflict for anaconda urllib3 pyopenssl jupyterlab widgetsnbextension
jupyterlab_server cryptography requests notebook jupyter distributed:
58%|          | 166/285 [2:35:24<28:08, 14.19s/it]
Examining conflict for qt pyqt: 58%|          | 166/285 [2:35:41<28:08,
14.19s/it]
Examining conflict for qt pyqt: 59%|          | 167/285 [2:35:41<29:31,
15.02s/it]
Examining conflict for pillow bokeh kivy anaconda scikit-image libtiff imageio
anaconda-navigator qt pyqt jpeg: 59%|          | 167/285 [2:35:42<29:31,
15.02s/it]
Examining conflict for pillow bokeh kivy anaconda scikit-image libtiff imageio
anaconda-navigator qt pyqt jpeg: 59%|          | 168/285 [2:35:42<20:37,
10.57s/it]
Examining conflict for qt pyqt icu anaconda: 59%|          | 168/285
[2:36:01<20:37, 10.57s/it]
Examining conflict for qt pyqt icu anaconda: 59%|          | 169/285
[2:36:01<25:23, 13.13s/it]
Examining conflict for pillow bokeh kivy scikit-image imageio anaconda-navigator
pyqt: 59%|          | 169/285 [2:36:15<25:23, 13.13s/it]
Examining conflict for pillow bokeh kivy scikit-image imageio anaconda-navigator
pyqt: 60%|          | 170/285 [2:36:15<25:46, 13.45s/it]
Examining conflict for pillow anaconda zstd python-libarchive-c conda-package-
handling libarchive libtiff blosc conda-build qt pyqt pytables: 60%|          |
170/285 [2:36:20<25:46, 13.45s/it]
Examining conflict for pillow anaconda zstd python-libarchive-c conda-package-
handling libarchive libtiff blosc conda-build qt pyqt pytables: 60%|          |
171/285 [2:36:20<20:41, 10.89s/it]
Examining conflict for pyqt anaconda ply sip: 60%|          | 171/285

```

```

[2:36:36<20:41, 10.89s/it]
Examining conflict for pyqt anaconda ply sip: 60%|          | 172/285
[2:36:36<23:22, 12.41s/it]
Examining conflict for anaconda jupyterlab jupyterlab_server jupyter
_ipyw_jlab_nb_ext_conf: 60%|          | 172/285 [2:36:51<23:22, 12.41s/it]
Examining conflict for anaconda jupyterlab jupyterlab_server jupyter
_ipyw_jlab_nb_ext_conf: 61%|          | 173/285 [2:36:51<24:40, 13.22s/it]
Examining conflict for widgetsnbextension jupyterlab jupyterlab_server notebook
jupyter _ipyw_jlab_nb_ext_conf: 61%|          | 173/285 [2:37:08<24:40,
13.22s/it]
Examining conflict for widgetsnbextension jupyterlab jupyterlab_server notebook
jupyter _ipyw_jlab_nb_ext_conf: 61%|          | 174/285 [2:37:08<26:46,
14.48s/it]
Examining conflict for jupyter _ipyw_jlab_nb_ext_conf jupyterlab: 61%|
| 174/285 [2:37:09<26:46, 14.48s/it]
Examining conflict for jupyter _ipyw_jlab_nb_ext_conf jupyterlab: 61%|
| 175/285 [2:37:09<19:12, 10.48s/it]
Examining conflict for anaconda nbconvert anaconda-client nbformat jupyterlab
widgetsnbextension spyder jupyterlab_server anaconda-navigator notebook
anaconda-project jupyter _ipyw_jlab_nb_ext_conf ipywidgets: 61%|          |
175/285 [2:37:10<19:12, 10.48s/it]
Examining conflict for anaconda nbconvert anaconda-client nbformat jupyterlab
widgetsnbextension spyder jupyterlab_server anaconda-navigator notebook
anaconda-project jupyter _ipyw_jlab_nb_ext_conf ipywidgets: 62%|          |
176/285 [2:37:10<13:30, 7.43s/it]
Examining conflict for anaconda widgetsnbextension jupyter
_ipyw_jlab_nb_ext_conf ipywidgets: 62%|          | 176/285 [2:37:31<13:30,
7.43s/it]
Examining conflict for anaconda widgetsnbextension jupyter
_ipyw_jlab_nb_ext_conf ipywidgets: 62%|          | 177/285 [2:37:31<20:47,
11.55s/it]
Examining conflict for anaconda jupyter _ipyw_jlab_nb_ext_conf jupyterlab:
62%|          | 177/285 [2:37:47<20:47, 11.55s/it]
Examining conflict for anaconda jupyter _ipyw_jlab_nb_ext_conf jupyterlab:
62%|          | 178/285 [2:37:47<22:56, 12.86s/it]
Examining conflict for jupyterlab jupyterlab_server notebook jupyter
_ipyw_jlab_nb_ext_conf: 62%|          | 178/285 [2:37:57<22:56, 12.86s/it]
Examining conflict for jupyterlab jupyterlab_server notebook jupyter
_ipyw_jlab_nb_ext_conf: 63%|          | 179/285 [2:37:57<21:15, 12.03s/it]
Examining conflict for anaconda widgetsnbextension jupyterlab jupyterlab_server
notebook jupyter _ipyw_jlab_nb_ext_conf ipywidgets: 63%|          | 179/285
[2:37:58<21:15, 12.03s/it]
Examining conflict for anaconda widgetsnbextension jupyterlab jupyterlab_server
notebook jupyter _ipyw_jlab_nb_ext_conf ipywidgets: 63%|          | 180/285
[2:37:58<15:15, 8.72s/it]
Examining conflict for jupyter _ipyw_jlab_nb_ext_conf ipywidgets: 63%|
| 180/285 [2:38:07<15:15, 8.72s/it]
Examining conflict for jupyter _ipyw_jlab_nb_ext_conf ipywidgets: 64%|

```

```

| 181/285 [2:38:07<15:15, 8.81s/it]
Examining conflict for anaconda jupyter_ipyw_jlab_nb_ext_conf ipywidgets:
64%|      | 181/285 [2:38:07<15:15, 8.81s/it]
Examining conflict for anaconda jupyter_ipyw_jlab_nb_ext_conf ipywidgets:
64%|      | 182/285 [2:38:07<10:41, 6.23s/it]
Examining conflict for anaconda pyrsistent jsonschema nbformat jupyterlab_server
spyder: 64%|      | 182/285 [2:38:15<10:41, 6.23s/it]
Examining conflict for anaconda pyrsistent jsonschema nbformat jupyterlab_server
spyder: 64%|      | 183/285 [2:38:15<11:30, 6.77s/it]
Examining conflict for anaconda spyder pylint: 64%|      | 183/285
[2:38:25<11:30, 6.77s/it]
Examining conflict for anaconda spyder pylint: 65%|      | 184/285
[2:38:25<13:00, 7.73s/it]
Examining conflict for path.py anaconda jupyter_client numba pylint jsonschema
nbconvert pluggy jupyterlab_server sqlalchemy spyder keyring entrypoints pytest
importlib_metadata: 65%|      | 184/285 [2:38:38<13:00, 7.73s/it]
Examining conflict for path.py anaconda jupyter_client numba pylint jsonschema
nbconvert pluggy jupyterlab_server sqlalchemy spyder keyring entrypoints pytest
importlib_metadata: 65%|      | 185/285 [2:38:38<15:32, 9.32s/it]
Examining conflict for spyder pylint: 65%|      | 185/285 [2:38:59<15:32,
9.32s/it]
Examining conflict for spyder pylint: 65%|      | 186/285 [2:38:59<21:14,
12.88s/it]
Examining conflict for bokeh pylint kiwisolver jsonschema seaborn: 65%|
| 186/285 [2:39:05<21:14, 12.88s/it]
Examining conflict for bokeh pylint kiwisolver jsonschema seaborn: 66%|
| 187/285 [2:39:05<17:30, 10.72s/it]
Examining conflict for mccabe anaconda spyder pylint: 66%|      | 187/285
[2:39:09<17:30, 10.72s/it]
Examining conflict for mccabe anaconda spyder pylint: 66%|      | 188/285
[2:39:09<14:11, 8.78s/it]
Examining conflict for anaconda spyder pylint isort: 66%|      | 188/285
[2:39:27<14:11, 8.78s/it]
Examining conflict for anaconda spyder pylint isort: 66%|      | 189/285
[2:39:27<18:09, 11.35s/it]
Examining conflict for spyder virtualenv pylint: 66%|      | 189/285
[2:39:44<18:09, 11.35s/it]
Examining conflict for spyder virtualenv pylint: 67%|      | 190/285
[2:39:44<20:54, 13.21s/it]
Examining conflict for h5py pyreadline anaconda pylint: 67%|      | 190/285
[2:39:47<20:54, 13.21s/it]
Examining conflict for h5py pyreadline anaconda pylint: 67%|      | 191/285
[2:39:47<15:54, 10.15s/it]
Examining conflict for path.py anaconda backports.os: 67%|      | 191/285
[2:40:02<15:54, 10.15s/it]
Examining conflict for path.py anaconda backports.os: 67%|      | 192/285
[2:40:02<17:52, 11.53s/it]
Examining conflict for kivy sdl2_image: 67%|      | 192/285 [2:40:17<17:52,

```

```

11.53s/it]
Examining conflict for kivy sdl2_image: 68%|          | 193/285 [2:40:17<19:22,
12.64s/it]
Examining conflict for greenlet anaconda sqlalchemy gevent: 68%|          |
193/285 [2:40:17<19:22, 12.64s/it]
Examining conflict for anaconda ipython numpydoc jedi spyder: 68%|          |
194/285 [2:40:33<19:09, 12.64s/it]
Examining conflict for anaconda ipython numpydoc jedi spyder: 68%|          |
195/285 [2:40:33<16:44, 11.16s/it]
Examining conflict for sphinx anaconda sphinxcontrib-jsmath numpydoc spyder:
68%|          | 195/285 [2:40:50<16:44, 11.16s/it]
Examining conflict for sphinx anaconda sphinxcontrib-jsmath numpydoc spyder:
69%|          | 196/285 [2:40:50<19:30, 13.15s/it]
Examining conflict for sphinx anaconda numpydoc jedi spyder: 69%|          |
196/285 [2:41:08<19:30, 13.15s/it]
Examining conflict for sphinx anaconda numpydoc jedi spyder: 69%|          |
197/285 [2:41:08<21:09, 14.43s/it]
Examining conflict for sphinx anaconda snowballstemmer numpydoc spyder:
69%|          | 197/285 [2:41:26<21:09, 14.43s/it]
Examining conflict for sphinx anaconda snowballstemmer numpydoc spyder:
69%|          | 198/285 [2:41:26<22:31, 15.53s/it]
Examining conflict for sphinx anaconda sphinxcontrib-serializinghtml numpydoc
spyder: 69%|          | 198/285 [2:41:44<22:31, 15.53s/it]
Examining conflict for sphinx anaconda sphinxcontrib-serializinghtml numpydoc
spyder: 70%|          | 199/285 [2:41:44<23:31, 16.42s/it]
Examining conflict for sphinx docutils kivy anaconda numpydoc spyder:
70%|          | 199/285 [2:42:03<23:31, 16.42s/it]
Examining conflict for sphinx docutils kivy anaconda numpydoc spyder:
70%|          | 200/285 [2:42:03<24:01, 16.96s/it]
Examining conflict for sphinx anaconda jupyterlab numpydoc jupyterlab_server
spyder babel: 70%|          | 200/285 [2:42:21<24:01, 16.96s/it]
Examining conflict for sphinx anaconda jupyterlab numpydoc jupyterlab_server
spyder babel: 71%|          | 201/285 [2:42:21<24:10, 17.27s/it]
Examining conflict for sphinx anaconda alabaster numpydoc spyder: 71%|
| 201/285 [2:42:40<24:10, 17.27s/it]
Examining conflict for sphinx anaconda alabaster numpydoc spyder: 71%|
| 202/285 [2:42:40<24:36, 17.79s/it]
Examining conflict for sphinx anaconda sphinxcontrib-applehelp numpydoc spyder:
71%|          | 202/285 [2:42:54<24:36, 17.79s/it]
Examining conflict for sphinx anaconda sphinxcontrib-applehelp numpydoc spyder:
71%|          | 203/285 [2:42:54<22:48, 16.69s/it]
Examining conflict for sphinx sphinxcontrib-qthelp anaconda numpydoc spyder:
71%|          | 203/285 [2:43:03<22:48, 16.69s/it]
Examining conflict for sphinx sphinxcontrib-qthelp anaconda numpydoc spyder:
72%|          | 204/285 [2:43:03<19:43, 14.61s/it]
Examining conflict for sphinx anaconda sphinxcontrib-devhelp numpydoc spyder:
72%|          | 204/285 [2:43:14<19:43, 14.61s/it]
Examining conflict for sphinx anaconda sphinxcontrib-devhelp numpydoc spyder:

```

```

72%|          | 205/285 [2:43:14<17:40, 13.26s/it]
Examining conflict for sphinx bokeh anaconda kiwisolver jsonschema numpydoc
spyder seaborn: 72%|          | 205/285 [2:43:24<17:40, 13.26s/it]
Examining conflict for sphinx bokeh anaconda kiwisolver jsonschema numpydoc
spyder seaborn: 72%|          | 206/285 [2:43:24<16:09, 12.27s/it]
Examining conflict for anaconda nbconvert spyder notebook defusedxml jupyter:
72%|          | 206/285 [2:43:36<16:09, 12.27s/it]
Examining conflict for anaconda nbconvert spyder notebook defusedxml jupyter:
73%|          | 207/285 [2:43:36<16:00, 12.32s/it]
Examining conflict for anaconda urllib3 pyopenssl cryptography asn1crypto:
73%|          | 207/285 [2:43:46<16:00, 12.32s/it]
Examining conflict for anaconda urllib3 pyopenssl cryptography asn1crypto:
73%|          | 208/285 [2:43:46<15:06, 11.77s/it]
Examining conflict for cython anaconda nltk: 73%|          | 208/285
[2:43:55<15:06, 11.77s/it]
Examining conflict for cython anaconda nltk: 73%|          | 209/285
[2:43:55<13:44, 10.85s/it]
Examining conflict for openpyxl et_xmlfile anaconda: 73%|          | 209/285
[2:44:04<13:44, 10.85s/it]
Examining conflict for openpyxl et_xmlfile anaconda: 74%|          | 210/285
[2:44:04<12:44, 10.20s/it]
Examining conflict for anaconda nbconvert pandocfilters spyder notebook jupyter:
74%|          | 210/285 [2:44:12<12:44, 10.20s/it]
Examining conflict for anaconda nbconvert pandocfilters spyder notebook jupyter:
74%|          | 211/285 [2:44:12<11:51, 9.62s/it]
Examining conflict for pillow bokeh kivy anaconda scikit-image imageio anaconda-
navigator libtiff: 74%|          | 211/285 [2:44:22<11:51, 9.62s/it]
Examining conflict for pillow bokeh kivy anaconda scikit-image imageio anaconda-
navigator libtiff: 74%|          | 212/285 [2:44:22<11:50, 9.73s/it]
Examining conflict for pillow libtiff: 74%|          | 212/285 [2:44:33<11:50,
9.73s/it]
Examining conflict for pillow libtiff: 75%|          | 213/285 [2:44:33<12:07,
10.10s/it]
Examining conflict for pillow bokeh kivy anaconda scikit-image imageio anaconda-
navigator olefile: 75%|          | 213/285 [2:44:33<12:07, 10.10s/it]
Examining conflict for pillow bokeh kivy anaconda scikit-image imageio anaconda-
navigator olefile: 75%|          | 214/285 [2:44:33<08:24, 7.11s/it]
Examining conflict for pillow bokeh kivy scikit-image imageio anaconda-
navigator: 75%|          | 214/285 [2:44:44<08:24, 7.11s/it]
Examining conflict for pillow bokeh kivy scikit-image imageio anaconda-
navigator: 75%|          | 215/285 [2:44:44<09:39, 8.28s/it]
Examining conflict for anaconda numba: 75%|          | 215/285 [2:44:47<09:39,
8.28s/it]
Examining conflict for anaconda numba: 76%|          | 216/285 [2:44:47<07:39,
6.65s/it]
Examining conflict for llvmlite anaconda numba: 76%|          | 216/285
[2:44:55<07:39, 6.65s/it]
Examining conflict for llvmlite anaconda numba: 76%|          | 217/285

```



```

[2:44:55<08:04, 7.13s/it]
Examining conflict for path.py anaconda numba jsonschema pluggy contextlib2
conda-build sqlalchemy keyring pytest importlib_metadata: 76%|          |
217/285 [2:45:05<08:04, 7.13s/it]
Examining conflict for path.py anaconda numba jsonschema pluggy contextlib2
conda-build sqlalchemy keyring pytest importlib_metadata: 76%|          |
218/285 [2:45:05<08:41, 7.78s/it]
Examining conflict for numpy-base anaconda numba tbb: 76%|          | 218/285
[2:45:14<08:41, 7.78s/it]
Examining conflict for numpy-base anaconda numba tbb: 77%|          | 219/285
[2:45:14<09:03, 8.24s/it]
Examining conflict for llvmlite numba: 77%|          | 219/285 [2:45:23<09:03,
8.24s/it]
Examining conflict for llvmlite numba: 77%|          | 220/285 [2:45:23<09:16,
8.56s/it]
Examining conflict for snappy pytables anaconda blosc: 77%|          | 220/285
[2:45:24<09:16, 8.56s/it]
Examining conflict for snappy pytables anaconda blosc: 78%|          | 221/285
[2:45:24<06:41, 6.27s/it]
Examining conflict for anaconda python-libarchive-c conda-package-handling
libarchive blosc dask lz4-c conda-build libtiff zstd pytables: 78%|          |
221/285 [2:45:33<06:41, 6.27s/it]
Examining conflict for anaconda python-libarchive-c conda-package-handling
libarchive blosc dask lz4-c conda-build libtiff zstd pytables: 78%|          |
222/285 [2:45:33<07:22, 7.03s/it]
Examining conflict for anaconda lzo python-libarchive-c libarchive conda-
package-handling conda-build pytables: 78%|          | 222/285 [2:45:48<07:22,
7.03s/it]
Examining conflict for anaconda lzo python-libarchive-c libarchive conda-
package-handling conda-build pytables: 78%|          | 223/285 [2:45:48<09:44,
9.43s/it]
Examining conflict for conda-build python-libarchive-c libarchive: 78%|
| 223/285 [2:45:57<09:44, 9.43s/it]
Examining conflict for conda-build python-libarchive-c libarchive: 79%|
| 224/285 [2:45:57<09:24, 9.25s/it]
Examining conflict for xlswriter anaconda: 79%|          | 224/285
[2:45:57<09:24, 9.25s/it]
Examining conflict for xlswriter anaconda: 79%|          | 225/285
[2:45:57<06:32, 6.55s/it]
Examining conflict for anaconda sqlalchemy: 79%|          | 225/285
[2:45:57<06:32, 6.55s/it]
Examining conflict for anaconda sqlalchemy: 79%|          | 226/285
[2:45:57<04:33, 4.63s/it]
Examining conflict for multipledispatch anaconda: 79%|          | 226/285
[2:46:05<04:33, 4.63s/it]
Examining conflict for multipledispatch anaconda: 80%|          | 227/285
[2:46:05<05:30, 5.70s/it]
Examining conflict for console_shortcut anaconda: 80%|          | 227/285

```

```

[2:46:14<05:30, 5.70s/it]
Examining conflict for console_shortcut anaconda: 80%|          | 228/285
[2:46:14<06:07, 6.45s/it]
Examining conflict for dask anaconda distributed tblib: 80%|          | 228/285
[2:46:14<06:07, 6.45s/it]
Examining conflict for krb5 libcurl anaconda pycurl curl: 80%|          |
229/285 [2:46:29<06:01, 6.45s/it]
Examining conflict for krb5 libcurl anaconda pycurl curl: 81%|          |
230/285 [2:46:29<06:15, 6.82s/it]
Examining conflict for conda anaconda pycosat navigator-updater conda-build:
81%|          | 230/285 [2:46:39<06:15, 6.82s/it]
Examining conflict for conda anaconda pycosat navigator-updater conda-build:
81%|          | 231/285 [2:46:39<06:59, 7.76s/it]
Examining conflict for anaconda clyent anaconda-client anaconda-navigator
anaconda-project: 81%|          | 231/285 [2:46:58<06:59, 7.76s/it]
Examining conflict for anaconda clyent anaconda-client anaconda-navigator
anaconda-project: 81%|          | 232/285 [2:46:58<09:57, 11.27s/it]
Examining conflict for urllib3 pyopenssl cryptography: 81%|          | 232/285
[2:47:16<09:57, 11.27s/it]
Examining conflict for urllib3 pyopenssl cryptography: 82%|          | 233/285
[2:47:16<11:31, 13.31s/it]
Examining conflict for gevent anaconda cffi urllib3 pyopenssl cryptography
notebook: 82%|          | 233/285 [2:47:17<11:31, 13.31s/it]
Examining conflict for gevent anaconda cffi urllib3 pyopenssl cryptography
notebook: 82%|          | 234/285 [2:47:17<07:59, 9.41s/it]
Examining conflict for parso anaconda ipython jedi spyder: 82%|          |
234/285 [2:47:35<07:59, 9.41s/it]
Examining conflict for parso anaconda ipython jedi spyder: 82%|          |
235/285 [2:47:35<10:01, 12.03s/it]
Examining conflict for spyder anaconda spyder-kernels: 82%|          | 235/285
[2:47:57<10:01, 12.03s/it]
Examining conflict for spyder anaconda spyder-kernels: 83%|          | 236/285
[2:47:57<12:10, 14.91s/it]
Examining conflict for cloudpickle dask-core spyder-kernels anaconda scikit-
image dask spyder distributed: 83%|          | 236/285 [2:48:17<12:10,
14.91s/it]
Examining conflict for cloudpickle dask-core spyder-kernels anaconda scikit-
image dask spyder distributed: 83%|          | 237/285 [2:48:17<13:16,
16.60s/it]
Examining conflict for scikit-learn anaconda scikit-image patsy scipy
statsmodels nltk seaborn networkx astropy: 83%|          | 237/285
[2:48:54<13:16, 16.60s/it]
Examining conflict for scikit-learn anaconda scikit-image patsy scipy
statsmodels nltk seaborn networkx astropy: 84%|          | 238/285
[2:48:54<17:48, 22.74s/it]
Examining conflict for scikit-learn scikit-image patsy scipy statsmodels nltk
seaborn networkx astropy: 84%|          | 238/285 [2:49:25<17:48, 22.74s/it]
Examining conflict for scikit-learn scikit-image patsy scipy statsmodels nltk

```

```

seaborn networkx astropy: 84%|          | 239/285 [2:49:25<19:17, 25.16s/it]
Examining conflict for h5py anaconda: 84%|          | 239/285 [2:49:38<19:17,
25.16s/it]
Examining conflict for h5py anaconda: 84%|          | 240/285 [2:49:38<16:07,
21.50s/it]
Examining conflict for h5py hdf5 pytables anaconda: 84%|          | 240/285
[2:49:57<16:07, 21.50s/it]
Examining conflict for h5py hdf5 pytables anaconda: 85%|          | 241/285
[2:49:57<15:18, 20.88s/it]
Examining conflict for dask anaconda distributed scikit-image: 85%|          |
241/285 [2:50:19<15:18, 20.88s/it]
Examining conflict for dask anaconda distributed scikit-image: 85%|          |
242/285 [2:50:19<15:09, 21.14s/it]
Examining conflict for dask-core anaconda scikit-image dask distributed:
85%|          | 242/285 [2:50:55<15:09, 21.14s/it]
Examining conflict for dask-core anaconda scikit-image dask distributed:
85%|          | 243/285 [2:50:55<17:57, 25.65s/it]
Examining conflict for dask-core anaconda scikit-image fsspec dask distributed:
85%|          | 243/285 [2:51:31<17:57, 25.65s/it]
Examining conflict for dask-core anaconda scikit-image fsspec dask distributed:
86%|          | 244/285 [2:51:31<19:41, 28.81s/it]
Examining conflict for dask-core anaconda scikit-image dask partd distributed:
86%|          | 244/285 [2:52:09<19:41, 28.81s/it]
Examining conflict for dask-core anaconda scikit-image dask partd distributed:
86%|          | 245/285 [2:52:09<21:01, 31.53s/it]
Examining conflict for conda cytoolz anaconda scikit-image navigator-updater
dask conda-build distributed: 86%|          | 245/285 [2:52:45<21:01,
31.53s/it]
Examining conflict for conda cytoolz anaconda scikit-image navigator-updater
dask conda-build distributed: 86%|          | 246/285 [2:52:45<21:13,
32.65s/it]
Examining conflict for conda dask-core cytoolz anaconda scikit-image toolz
navigator-updater dask conda-build partd distributed: 86%|          | 246/285
[2:53:22<21:13, 32.65s/it]
Examining conflict for conda dask-core cytoolz anaconda scikit-image toolz
navigator-updater dask conda-build partd distributed: 87%|          | 247/285
[2:53:22<21:31, 33.97s/it]
Examining conflict for anaconda pip dask msgpack-python distributed:
87%|          | 247/285 [2:53:59<21:31, 33.97s/it]
Examining conflict for anaconda pip dask msgpack-python distributed:
87%|          | 248/285 [2:53:59<21:38, 35.08s/it]
Examining conflict for anaconda dask-core locket dask partd distributed:
87%|          | 248/285 [2:54:32<21:38, 35.08s/it]
Examining conflict for anaconda dask-core locket dask partd distributed:
87%|          | 249/285 [2:54:32<20:39, 34.42s/it]
Examining conflict for dask distributed: 87%|          | 249/285
[2:55:05<20:39, 34.42s/it]
Examining conflict for dask distributed: 88%|          | 250/285

```

```

[2:55:05<19:44, 33.85s/it]
Examining conflict for gevent anaconda cffi pycparser cryptography:
88%|          | 250/285 [2:55:18<19:44, 33.85s/it]
Examining conflict for gevent anaconda cffi pycparser cryptography:
88%|          | 251/285 [2:55:18<15:46, 27.82s/it]
Examining conflict for numpy-base mkl_random mkl_fft: 88%|          | 251/285
[2:55:37<15:46, 27.82s/it]
Examining conflict for numpy-base mkl_random mkl_fft: 88%|          | 252/285
[2:55:37<13:41, 24.90s/it]
Examining conflict for curl anaconda pycurl: 88%|          | 252/285
[2:55:39<13:41, 24.90s/it]
Examining conflict for curl anaconda pycurl: 89%|          | 253/285
[2:55:39<09:37, 18.03s/it]
Examining conflict for libcurl anaconda pycurl curl libssh2: 89%|          |
253/285 [2:55:57<09:37, 18.03s/it]
Examining conflict for libcurl anaconda pycurl curl libssh2: 89%|          |
254/285 [2:55:57<09:18, 18.01s/it]
Examining conflict for curl libcurl anaconda pycurl: 89%|          | 254/285
[2:56:14<09:18, 18.01s/it]
Examining conflict for curl libcurl anaconda pycurl: 89%|          | 255/285
[2:56:14<08:58, 17.94s/it]
Examining conflict for anaconda pep8: 89%|          | 255/285 [2:56:32<08:58,
17.94s/it]
Examining conflict for anaconda pep8: 90%|          | 256/285 [2:56:32<08:35,
17.78s/it]
Examining conflict for anaconda scikit-image: 90%|          | 256/285
[2:56:49<08:35, 17.78s/it]
Examining conflict for anaconda scikit-image: 90%|          | 257/285
[2:56:49<08:14, 17.66s/it]
Examining conflict for networkx anaconda scikit-image: 90%|          | 257/285
[2:57:07<08:14, 17.66s/it]
Examining conflict for networkx anaconda scikit-image: 91%|          | 258/285
[2:57:07<07:55, 17.59s/it]
Examining conflict for dask anaconda scikit-image: 91%|          | 258/285
[2:57:27<07:55, 17.59s/it]
Examining conflict for dask anaconda scikit-image: 91%|          | 259/285
[2:57:27<08:01, 18.51s/it]
Examining conflict for dask anaconda bokeh scikit-image: 91%|          |
259/285 [2:57:45<08:01, 18.51s/it]
Examining conflict for dask anaconda bokeh scikit-image: 91%|          |
260/285 [2:57:45<07:37, 18.28s/it]
Examining conflict for dask scikit-image: 91%|          | 260/285
[2:58:19<07:37, 18.28s/it]
Examining conflict for dask scikit-image: 92%|          | 261/285
[2:58:19<09:09, 22.88s/it]
Examining conflict for imageio anaconda scikit-image: 92%|          | 261/285
[2:58:22<09:09, 22.88s/it]
Examining conflict for imageio anaconda scikit-image: 92%|          | 262/285

```

```

[2:58:22<06:30, 17.00s/it]
Examining conflict for anaconda pywavelets scikit-image: 92%|      |
262/285 [2:58:43<06:30, 17.00s/it]
Examining conflict for anaconda pywavelets scikit-image: 92%|      |
263/285 [2:58:43<06:44, 18.37s/it]
Examining conflict for xlwt anaconda: 92%|      | 263/285 [2:59:04<06:44,
18.37s/it]
Examining conflict for xlwt anaconda: 93%|      | 264/285 [2:59:04<06:42,
19.19s/it]
Examining conflict for kivy glew: 93%|      | 264/285 [2:59:23<06:42,
19.19s/it]
Examining conflict for kivy glew: 93%|      | 265/285 [2:59:23<06:17,
18.89s/it]
Examining conflict for bkcharts anaconda bokeh dask: 93%|      | 265/285
[2:59:23<06:17, 18.89s/it]
Examining conflict for conda-build filelock anaconda virtualenv:
93%|      | 266/285 [2:59:56<05:58, 18.89s/it]
Examining conflict for conda-build filelock anaconda virtualenv:
94%|      | 267/285 [2:59:56<05:29, 18.29s/it]
Examining conflict for beautifulsoup4 anaconda nbconvert soupsieve conda-build:
94%|      | 267/285 [2:59:57<05:29, 18.29s/it]
Examining conflict for beautifulsoup4 anaconda nbconvert soupsieve conda-build:
94%|      | 268/285 [2:59:57<03:38, 12.86s/it]
Examining conflict for anaconda beautifulsoup4 nbconvert soupsieve conda-build
spyder notebook jupyter: 94%|      | 268/285 [3:00:17<03:38, 12.86s/it]
Examining conflict for anaconda beautifulsoup4 nbconvert soupsieve conda-build
spyder notebook jupyter: 94%|      | 269/285 [3:00:17<04:00, 15.00s/it]
Examining conflict for anaconda nltk: 94%|      | 269/285 [3:00:40<04:00,
15.00s/it]
Examining conflict for anaconda nltk: 95%|      | 270/285 [3:00:40<04:23,
17.60s/it]
Examining conflict for scikit-learn nltk: 95%|      | 270/285
[3:00:59<04:23, 17.60s/it]
Examining conflict for scikit-learn nltk: 95%|      | 271/285
[3:00:59<04:08, 17.78s/it]
Examining conflict for scikit-learn anaconda joblib nltk: 95%|      |
271/285 [3:01:01<04:08, 17.78s/it]
Examining conflict for scikit-learn anaconda joblib nltk: 95%|      |
272/285 [3:01:01<02:49, 13.07s/it]
Examining conflict for flask jupyterlab werkzeug jupyterlab_server nltk:
95%|      | 272/285 [3:01:19<02:49, 13.07s/it]
Examining conflict for flask jupyterlab werkzeug jupyterlab_server nltk:
96%|      | 273/285 [3:01:19<02:57, 14.78s/it]
Examining conflict for scikit-learn anaconda nltk: 96%|      | 273/285
[3:01:21<02:57, 14.78s/it]
Examining conflict for scikit-learn anaconda nltk: 96%|      | 274/285
[3:01:21<02:00, 10.97s/it]
Examining conflict for xlrd anaconda: 96%|      | 274/285 [3:01:38<02:00,

```

10.97s/it]
Examining conflict for xlrd anaconda: 96%| | 275/285 [3:01:38<02:07, 12.79s/it]
Examining conflict for statsmodels seaborn anaconda: 96%| | 275/285 [3:01:55<02:07, 12.79s/it]
Examining conflict for statsmodels seaborn anaconda: 97%| | 276/285 [3:01:55<02:06, 14.03s/it]
Examining conflict for patsy statsmodels seaborn anaconda: 97%| | 276/285 [3:02:16<02:06, 14.03s/it]
Examining conflict for patsy statsmodels seaborn anaconda: 97%| | 277/285 [3:02:16<02:08, 16.11s/it]
Examining conflict for anaconda flask: 97%| | 277/285 [3:02:39<02:08, 16.11s/it]
Examining conflict for anaconda flask: 98%| | 278/285 [3:02:39<02:05, 17.98s/it]
Examining conflict for werkzeug anaconda flask: 98%| | 278/285 [3:02:39<02:05, 17.98s/it]
Examining conflict for itsdangerous anaconda flask: 98%| | 279/285 [3:02:56<01:47, 17.98s/it]
Examining conflict for itsdangerous anaconda flask: 98%| | 280/285 [3:02:56<01:15, 15.16s/it]
Examining conflict for anaconda sortedcollections: 98%| | 280/285 [3:03:13<01:15, 15.16s/it]
Examining conflict for anaconda sortedcollections: 99%| | 281/285 [3:03:13<01:02, 15.72s/it]
Examining conflict for json5 anaconda jupyterlab_server jupyterlab: 99%| | 281/285 [3:03:30<01:02, 15.72s/it]
Examining conflict for json5 anaconda jupyterlab_server jupyterlab: 99%| | 282/285 [3:03:30<00:48, 16.06s/it]
Examining conflict for jsonschema nbformat jupyterlab_server spyder virtualenv: 99%| | 282/285 [3:03:47<00:48, 16.06s/it]
Examining conflict for jsonschema nbformat jupyterlab_server spyder virtualenv: 99%| | 283/285 [3:03:47<00:32, 16.44s/it]
Examining conflict for python virtualenv pip: 99%| | 283/285 [3:03:51<00:32, 16.44s/it]
Examining conflict for python virtualenv pip: 100%| | 284/285 [3:03:51<00:12, 12.65s/it]
Examining conflict for nose anaconda: 100%| | 284/285 [3:03:51<00:12, 12.65s/it]
Examining conflict for nose anaconda: 100%| | 285/285 [3:03:51<00:00, 8.89s/it]
Examining conflict for anaconda nbconvert jupyterlab widgetsnbextension spyder jupyterlab_server notebook jupyter: 100%| | 285/285 [3:04:05<00:00, 8.89s/it]
Examining conflict for anaconda nbconvert jupyterlab widgetsnbextension spyder jupyterlab_server notebook jupyter: : 286it [3:04:05, 10.44s/it]
Examining conflict for widgetsnbextension jupyterlab jupyterlab_server notebook jupyter: : 286it [3:04:20, 10.44s/it]

Examining conflict for widgetsnbextension jupyterlab jupyterlab_server notebook
jupyter: : 287it [3:04:20, 11.79s/it]
Examining conflict for jupyterlab_server jupyterlab: : 287it [3:04:21,
11.79s/it]
Examining conflict for jupyterlab_server jupyterlab: : 288it [3:04:21,
8.53s/it]
Examining conflict for send2trash anaconda widgetsnbextension jupyterlab
jupyterlab_server notebook jupyter: : 288it [3:04:22, 8.53s/it]
Examining conflict for send2trash anaconda widgetsnbextension jupyterlab
jupyterlab_server notebook jupyter: : 289it [3:04:22, 6.19s/it]
Examining conflict for anaconda jsonschema nbconvert anaconda-client nbformat
jupyterlab spyder jupyterlab_server notebook ipywidgets: : 289it [3:04:31,
6.19s/it]
Examining conflict for anaconda jsonschema nbconvert anaconda-client nbformat
jupyterlab spyder jupyterlab_server notebook ipywidgets: : 290it [3:04:31,
7.01s/it]
Examining conflict for spyder jsonschema jupyterlab_server nbformat: : 290it
[3:04:40, 7.01s/it]
Examining conflict for spyder jsonschema jupyterlab_server nbformat: : 291it
[3:04:40, 7.63s/it]
Examining conflict for qtconsole jupyter spyder anaconda: : 291it [3:04:41,
7.63s/it]
Examining conflict for qtconsole jupyter spyder anaconda: : 292it [3:04:41,
5.88s/it]
Examining conflict for anaconda qtpy navigator-updater qtawesome spyder
anaconda-navigator qtconsole jupyter: : 292it [3:04:51, 5.88s/it]
Examining conflict for anaconda qtpy navigator-updater qtawesome spyder
anaconda-navigator qtconsole jupyter: : 293it [3:04:51, 7.03s/it]
Examining conflict for anaconda nbconvert spyder notebook mistune jupyter: :
293it [3:05:01, 7.03s/it]
Examining conflict for anaconda nbconvert spyder notebook mistune jupyter: :
294it [3:05:01, 8.02s/it]
Examining conflict for path.py anaconda: : 294it [3:05:12, 8.02s/it]
Examining conflict for path.py anaconda: : 295it [3:05:12, 8.70s/it]
Examining conflict for qtawesome anaconda spyder: : 295it [3:05:20, 8.70s/it]
Examining conflict for qtawesome anaconda spyder: : 296it [3:05:20, 8.58s/it]
Examining conflict for notebook jupyterlab: : 296it [3:05:30, 8.58s/it]
Examining conflict for notebook jupyterlab: : 297it [3:05:30, 9.11s/it]
Examining conflict for anaconda spyder: : 297it [3:05:31, 9.11s/it]
Examining conflict for anaconda spyder: : 298it [3:05:31, 6.60s/it]
Examining conflict for anaconda nbconvert pandoc spyder notebook jupyter: :
298it [3:05:40, 6.60s/it]
Examining conflict for anaconda nbconvert pandoc spyder notebook jupyter: :
299it [3:05:40, 7.41s/it]
Examining conflict for pyflakes anaconda spyder: : 299it [3:05:51, 7.41s/it]
Examining conflict for pyflakes anaconda spyder: : 300it [3:05:51, 8.45s/it]
Examining conflict for pycodestyle anaconda spyder: : 300it [3:06:02, 8.45s/it]
Examining conflict for pycodestyle anaconda spyder: : 301it [3:06:02, 9.03s/it]

Examining conflict for navigator-updater spyder anaconda-navigator: : 301it [3:06:12, 9.03s/it]

Examining conflict for navigator-updater spyder anaconda-navigator: : 302it [3:06:12, 9.46s/it]

Examining conflict for keyring anaconda spyder: : 302it [3:06:14, 9.46s/it]

Examining conflict for keyring anaconda spyder: : 303it [3:06:14, 7.20s/it]

Examining conflict for notebook nbconvert jupyter spyder: : 303it [3:06:24, 7.20s/it]

Examining conflict for notebook nbconvert jupyter spyder: : 304it [3:06:24, 8.15s/it]

Examining conflict for keyring spyder: : 304it [3:06:27, 8.15s/it]

Examining conflict for keyring spyder: : 305it [3:06:27, 6.52s/it]

Examining conflict for rope anaconda spyder: : 305it [3:06:29, 6.52s/it]

Examining conflict for rope anaconda spyder: : 306it [3:06:29, 5.07s/it]

Examining conflict for attrs pytest spyder: : 306it [3:06:39, 5.07s/it]

Examining conflict for attrs pytest spyder: : 307it [3:06:39, 6.65s/it]

Examining conflict for bleach anaconda nbconvert spyder notebook jupyter: : 307it [3:06:39, 6.65s/it]

Examining conflict for bleach anaconda nbconvert spyder notebook jupyter: : 308it [3:06:39, 4.70s/it]

Examining conflict for pycrypto anaconda spyder: : 308it [3:06:50, 4.70s/it]

Examining conflict for pycrypto anaconda spyder: : 309it [3:06:50, 6.46s/it]

Examining conflict for m2w64-gcc-libgfortran anaconda m2w64-gcc-libs pywinpty m2w64-libwinpthread-git m2w64-gcc-libs-core: : 309it [3:07:00, 6.46s/it]

Examining conflict for m2w64-gcc-libgfortran anaconda m2w64-gcc-libs pywinpty m2w64-libwinpthread-git m2w64-gcc-libs-core: : 310it [3:07:00, 7.60s/it]

Examining conflict for msys2-conda-epoch m2w64-gcc-libgfortran anaconda m2w64-gcc-libs m2w64-gmp pywinpty conda-build m2w64-libwinpthread-git m2w64-gcc-libs-core: : 310it [3:07:09, 7.60s/it]

Examining conflict for msys2-conda-epoch m2w64-gcc-libgfortran anaconda m2w64-gcc-libs m2w64-gmp pywinpty conda-build m2w64-libwinpthread-git m2w64-gcc-libs-core: : 311it [3:07:09, 7.93s/it]

Examining conflict for jdcal openpyxl anaconda: : 311it [3:07:17, 7.93s/it]

Examining conflict for jdcal openpyxl anaconda: : 312it [3:07:17, 8.13s/it]

Examining conflict for navigator-updater conda conda-build anaconda-navigator: : 312it [3:07:26, 8.13s/it]

Examining conflict for navigator-updater conda conda-build anaconda-navigator: : 313it [3:07:26, 8.25s/it]

Examining conflict for conda anaconda menuinst navigator-updater conda-build: : 313it [3:07:26, 8.25s/it]

Examining conflict for conda anaconda menuinst navigator-updater conda-build: : 314it [3:07:26, 5.92s/it]

Examining conflict for navigator-updater conda conda-build: : 314it [3:07:36, 5.92s/it]

Examining conflict for navigator-updater conda conda-build: : 315it [3:07:36, 6.90s/it]

Examining conflict for bleach anaconda nbconvert pip python html5lib: : 315it [3:07:36, 6.90s/it]

Examining conflict for bleach anaconda nbconvert pip python html5lib: : 316it [3:07:36, 4.92s/it]

Examining conflict for bleach anaconda nbconvert pip webencodings python html5lib: : 316it [3:07:45, 4.92s/it]

Examining conflict for bleach anaconda nbconvert pip webencodings python html5lib: : 317it [3:07:45, 6.11s/it]

Examining conflict for seaborn anaconda: : 317it [3:07:54, 6.11s/it]

Examining conflict for seaborn anaconda: : 318it [3:07:54, 6.92s/it]

Examining conflict for pytables anaconda: : 318it [3:08:03, 6.92s/it]

Examining conflict for pytables anaconda: : 319it [3:08:03, 7.50s/it]

Examining conflict for pytables anaconda blosc: : 319it [3:08:11, 7.50s/it]

Examining conflict for pytables anaconda blosc: : 320it [3:08:11, 7.80s/it]

Examining conflict for pytables mock: : 320it [3:08:20, 7.80s/it]

Examining conflict for pytables mock: : 321it [3:08:20, 8.28s/it]

Examining conflict for mock pytables anaconda: : 321it [3:08:21, 8.28s/it]

Examining conflict for mock pytables anaconda: : 322it [3:08:21, 5.97s/it]

Examining conflict for unicodcsv anaconda: : 322it [3:08:31, 5.97s/it]

Examining conflict for unicodcsv anaconda: : 323it [3:08:31, 7.06s/it]

Examining conflict for anaconda python wheel pip: : 323it [3:08:39, 7.06s/it]

Examining conflict for anaconda python wheel pip: : 324it [3:08:39, 7.55s/it]

Examining conflict for python pip: : 324it [3:08:48, 7.55s/it]

Examining conflict for python pip: : 325it [3:08:48, 7.95s/it]

Examining conflict for zipp importlib_metadata: : 325it [3:08:48, 7.95s/it]

Examining conflict for xlwings anaconda: : 326it [3:08:48, 7.95s/it]

Examining conflict for xlwings anaconda comtypes: : 327it [3:08:57, 7.95s/it]

Examining conflict for xlwings anaconda comtypes: : 328it [3:08:57, 6.46s/it]

Examining conflict for jupyter anaconda: : 328it [3:09:06, 6.46s/it]

Examining conflict for jupyter anaconda: : 329it [3:09:06, 7.14s/it]

Examining conflict for pywinpty m2w64-gcc-libgfortran anaconda m2w64-gcc-libs: : 329it [3:09:15, 7.14s/it]

Examining conflict for pywinpty m2w64-gcc-libgfortran anaconda m2w64-gcc-libs: : 330it [3:09:15, 7.63s/it]

Examining conflict for m2w64-gcc-libgfortran anaconda m2w64-gcc-libs m2w64-gmp pywinpty m2w64-gcc-libs-core: : 330it [3:09:24, 7.63s/it]

Examining conflict for m2w64-gcc-libgfortran anaconda m2w64-gcc-libs m2w64-gmp pywinpty m2w64-gcc-libs-core: : 331it [3:09:24, 8.09s/it]

Examining conflict for anaconda-project anaconda anaconda-navigator: : 331it [3:09:32, 8.09s/it]

Examining conflict for anaconda-project anaconda anaconda-navigator: : 332it [3:09:32, 8.16s/it]

Examining conflict for anaconda-project anaconda-navigator: : 332it [3:09:32, 8.16s/it]

Examining conflict for anaconda-project anaconda-navigator: : 333it [3:09:32, 5.78s/it]

Examining conflict for anaconda-project anaconda anaconda-client anaconda-navigator: : 333it [3:09:33, 5.78s/it]

Examining conflict for anaconda-project anaconda anaconda-client anaconda-navigator: : 334it [3:09:33, 4.11s/it]

Examining conflict for attrs gevent pytest: : 334it [3:09:41, 4.11s/it]
Examining conflict for attrs gevent pytest: : 335it [3:09:41, 5.45s/it]
Examining conflict for sdl2_ttf kivy: : 335it [3:09:41, 5.45s/it]
Examining conflict for sdl2_ttf kivy: : 336it [3:09:41, 3.85s/it]
Examining conflict for nbconvert anaconda-client nbformat notebook ipywidgets: : 336it [3:09:41, 3.85s/it]
Examining conflict for anaconda pycurl: : 337it [3:09:42, 3.85s/it]
Examining conflict for anaconda pycurl: : 338it [3:09:42, 2.78s/it]
Examining conflict for anaconda get_terminal_size: : 338it [3:09:50, 2.78s/it]
Examining conflict for anaconda get_terminal_size: : 339it [3:09:50, 4.37s/it]
Examining conflict for anaconda bitarray: : 339it [3:09:50, 4.37s/it]
Examining conflict for gevent anaconda: : 340it [3:09:58, 4.37s/it]
Examining conflict for gevent anaconda: : 341it [3:09:58, 4.32s/it]
Examining conflict for navigator-updater conda-build conda-env: : 341it [3:10:07, 4.32s/it]
Examining conflict for navigator-updater conda-build conda-env: : 342it [3:10:07, 5.63s/it]
Examining conflict for dask bokeh: : 342it [3:10:07, 5.63s/it]
Examining conflict for dask bokeh: : 343it [3:10:07, 4.03s/it]
Examining conflict for conda-build anaconda pkginfo: : 343it [3:10:14, 4.03s/it]
Examining conflict for conda-build anaconda pkginfo: : 344it [3:10:14, 4.72s/it]
Examining conflict for sympy anaconda mpmath: : 344it [3:10:22, 4.72s/it]
Examining conflict for sympy anaconda mpmath: : 345it [3:10:22, 5.93s/it]
Examining conflict for astropy anaconda: : 345it [3:10:31, 5.93s/it]
Examining conflict for astropy anaconda: : 346it [3:10:31, 6.63s/it]
Examining conflict for openpyxl anaconda: : 346it [3:10:39, 6.63s/it]
Examining conflict for openpyxl anaconda: : 347it [3:10:39, 7.11s/it]
Examining conflict for pyodbc anaconda: : 347it [3:10:47, 7.11s/it]
Examining conflict for pyodbc anaconda: : 348it [3:10:47, 7.45s/it]
Examining conflict for conda-build glob2 anaconda: : 348it [3:10:57, 7.45s/it]
Examining conflict for conda-build glob2 anaconda: : 349it [3:10:57, 8.14s/it]
Examining conflict for conda-build py-lief anaconda: : 349it [3:10:57, 8.14s/it]
Examining conflict for conda-build py-lief anaconda: : 350it [3:10:57, 5.75s/it]
Examining conflict for liblief conda-build py-lief anaconda: : 350it [3:11:05, 5.75s/it]
Examining conflict for liblief conda-build py-lief anaconda: : 351it [3:11:05, 6.52s/it]
Examining conflict for sympy anaconda: : 351it [3:11:06, 6.52s/it]
Examining conflict for sympy anaconda: : 352it [3:11:06, 4.63s/it]
Examining conflict for anaconda boto: : 352it [3:11:14, 4.63s/it]
Examining conflict for anaconda boto: : 353it [3:11:14, 5.68s/it]
Examining conflict for powershell_shortcut anaconda: : 353it [3:11:22, 5.68s/it]
Examining conflict for powershell_shortcut anaconda: : 354it [3:11:22,


```

File "c:\Users\Pawel\Anaconda3\lib\site-
packages\conda\cli\conda_argparse.py", line 82, in do_call
    return getattr(module, func_name)(args, parser)
File "c:\Users\Pawel\Anaconda3\lib\site-
packages\conda\cli\main_install.py", line 20, in execute
    install(args, parser, 'install')
File "c:\Users\Pawel\Anaconda3\lib\site-packages\conda\cli\install.py",
line 299, in install
    should_retry_solve=(repodata_fn != repodata_fns[-1]),
File "c:\Users\Pawel\Anaconda3\lib\site-packages\conda\core\solve.py",
line 117, in solve_for_transaction
    should_retry_solve)
File "c:\Users\Pawel\Anaconda3\lib\site-packages\conda\core\solve.py",
line 158, in solve_for_diff
    force_remove, should_retry_solve)
File "c:\Users\Pawel\Anaconda3\lib\site-packages\conda\core\solve.py",
line 281, in solve_final_state
    ssc = self._run_sat(ssc)
File "c:\Users\Pawel\Anaconda3\lib\site-packages\conda\common\io.py", line
88, in decorated
    return f(*args, **kwargs)
File "c:\Users\Pawel\Anaconda3\lib\site-packages\conda\core\solve.py",
line 808, in _run_sat
    should_retry_solve=ssc.should_retry_solve
File "c:\Users\Pawel\Anaconda3\lib\site-packages\conda\common\io.py", line
88, in decorated
    return f(*args, **kwargs)
File "c:\Users\Pawel\Anaconda3\lib\site-packages\conda\resolve.py", line
1318, in solve
    self.find_conflicts(specs, specs_to_add, history_specs)
File "c:\Users\Pawel\Anaconda3\lib\site-packages\conda\resolve.py", line
347, in find_conflicts
    bad_deps = self.build_conflict_map(specs, specs_to_add, history_specs)
File "c:\Users\Pawel\Anaconda3\lib\site-packages\conda\resolve.py", line
507, in build_conflict_map
    root, search_node, dep_graph, num_occurrences)
File "c:\Users\Pawel\Anaconda3\lib\site-packages\conda\resolve.py", line
369, in breadth_first_search_for_dep_graph
    last_spec = MatchSpec.union((path[-1], target_paths[-1][-1]))[0]
File "c:\Users\Pawel\Anaconda3\lib\site-
packages\conda\models\match_spec.py", line 481, in union
    return cls.merge(match_specs, union=True)
File "c:\Users\Pawel\Anaconda3\lib\site-
packages\conda\models\match_spec.py", line 475, in merge
    reduce(lambda x, y: x._merge(y, union), group) if len(group) > 1 else
group[0]
File "c:\Users\Pawel\Anaconda3\lib\site-
packages\conda\models\match_spec.py", line 475, in <lambda>

```

```

        reduce(lambda x, y: x._merge(y, union), group) if len(group) > 1 else
group[0]
    File "c:\Users\Pawel\Anaconda3\lib\site-
packages\conda\models\match_spec.py", line 502, in _merge
        final = this_component.union(that_component)
    File "c:\Users\Pawel\Anaconda3\lib\site-
packages\conda\models\match_spec.py", line 764, in union
        return ''.join(options)
TypeError: sequence item 0: expected str instance, Channel found

```

```

`$ c:\Users\Pawel\Anaconda3\lib\site-packages\conda\__main__.py install -y
numpy=1.19.2`

```

environment variables:

```

        CIO_TEST=<not set>
CONDA_DEFAULT_ENV=c:\Users\Pawel\Anaconda3
        CONDA_EXE=D:\studia\anaconda3\Scripts\conda.exe
        CONDA_EXES="D:\studia\anaconda3\condabin\..\Scripts\conda.exe"
        CONDA_PREFIX=c:\Users\Pawel\Anaconda3
CONDA_PROMPT_MODIFIER=(c:\Users\Pawel\Anaconda3)
        CONDA_PYTHON_EXE=D:\studia\anaconda3\python.exe
        CONDA_ROOT=D:\studia\anaconda3
        CONDA_SHLVL=1
        GTK_BASEPATH=C:\Program Files (x86)\GtkSharp\2.12\
        HOMEPATH=\Users\Pawel
PATH=c:\Users\Pawel\Anaconda3;c:\Users\Pawel\Anaconda3\Library\mingw-w64\bi
n;c:\Users\Pawel\Anaconda3\Library\usr\bin;c:\Users\Pawel\Anaconda3\Li
brary\bin;c:\Users\Pawel\Anaconda3\Scripts;c:\Users\Pawel\Anaconda3\bi
n;D:\studia\anaconda3\condabin;C:\ProgramData\Oracle\Java\javapath;C:\
        Program Files (x86)\Common
Files\Oracle\Java\javapath;C:\WINDOWS\sysste
m32;C:\WINDOWS;C:\WINDOWS\System32\Wbem;C:\WINDOWS\System32\WindowsPow
        erShell\v1.0;C:\Program Files
(x86)\GtkSharp\2.12\bin;C:\WINDOWS\System32\OpenSSH;C:\Program
        Files\dotnet;C:\Program Files\CMake\bin;C:\Program
Files\PuTTY;D:\Git\cmd;D:\opencv\opencv\build\x64\vc15\bin;C:\Program
        Files\Java\jdk1.8.0_261\jre\bin\server;C:\Program
Files\Java\jdk1.8.0_261\bin;C:\Program Files
(x86)\NVIDIA
        Corporation\PhysX\Common;C:\Program Files\NVIDIA
Corporation\NVIDIA Nv
DLISR;D:\CppBoost\boost_1_74_0\lib64-msvc-14.2;D:\studia\anaconda3;D:\
studia\anaconda3\Library\mingw-w64\bin;D:\studia\anaconda3\Library\usr
\bin;D:\studia\anaconda3\Library\bin;D:\studia\anaconda3\Scripts;C:\Us
ers\Pawel\AppData\Local\Programs\Python\Python310\Scripts;C:\Users\Paw
el\AppData\Local\Programs\Python\Python310;C:\Users\Pawel\AppData\Loca
        l\Programs\Python\Launcher;C:\Program
Files\MySQL\MySQL Shell 8.0\bin;

```

```

C:\Users\Pawel\AppData\Local\Programs\AdoptOpenJDK\jdk-11.0.8.10-hotspot\bin;C:\Users\Pawel\AppData\Local\Microsoft\WindowsApps;D:\PyCharm
Community Edition
2019.1.3\bin;C:\Users\Pawel\AppData\Local\Programs\Microsoft VS Code\bin;D:\openCV\opencv\build\x64\vc15\bin;C:\Users\Pawel\AppData\Local\Microsoft\WindowsApps;D:\flutter\flutter\bin;D:\CppBoost\boost_1_74_0\lib64-msvc-14.2;D:\studia\cygnus\cygwin-b20\H-i586-cygwin32\bin;C:\Users\Pawel\AppData\Local\Programs\MiKTeX\miktex\bin\x64;C:\ProgramData\Oracle\Java\javapath;C:\Program Files (x86)\Common
Files\Oracle\Java\java
path;C:\WINDOWS\system32;C:\WINDOWS;C:\WINDOWS\System32\Wbem;C:\WINDOWS\System32\WindowsPowerShell\v1.0\;C:\Program Files
(x86)\GtkSharp\2.12\bin;C:\WINDOWS\System32\OpenSSH\;C:\Program
Files\dotnet\;C:\Program Files\CMake\bin;C:\Program
Files\PuTTY\;D:\Git\cmd;D:\openCV\opencv\build\x64\vc15\bin;C:\Program
Files\Java\jdk1.8.0_261\jre\bin\server;C:\Program
Files\Java\jdk1.8.0_261\bin;C:\Program Files
(x86)\NVIDIA
Corporation\PhysX\Common;C:\Program Files\NVIDIA
Corporation\NVIDIA Nv
DLISR;D:\CppBoost\boost_1_74_0\lib64-msvc-14.2;D:\studia\anaconda3;D:\studia\anaconda3\Library\mingw-w64\bin;D:\studia\anaconda3\Library\usr\bin;D:\studia\anaconda3\Library\bin;D:\studia\anaconda3\Scripts;C:\Users\Pawel\AppData\Local\Programs\Python\Python310\Scripts\;C:\Users\Pawel\AppData\Local\Programs\Python\Python310\;C:\Users\Pawel\AppData\Local\Programs\Python\Launcher\;C:\Program
Files\MySQL\MySQL Shell 8.0\bin;C:\Users\Pawel\AppData\Local\Programs\AdoptOpenJDK\jdk-11.0.8.10-hotspot\bin;C:\Users\Pawel\AppData\Local\Microsoft\WindowsApps;D:\PyCharm Community Edition
2019.1.3\bin;C:\Users\Pawel\AppData\Local\Programs\Microsoft VS Code\bin;D:\openCV\opencv\build\x64\vc15\bin;C:\Users\Pawel\AppData\Local\Microsoft\WindowsApps;D:\flutter\flutter\bin;D:\CppBoost\boost_1_74_0\lib64-msvc-14.2;D:\studia\cygnus\cygwin-b20\H-i586-cygwin32\bin;C:\Users\Pawel\AppData\Local\Programs\MiKTeX\miktex\bin\x64\
PSMODULEPATH=C:\Program
Files\WindowsPowerShell\Modules;C:\WINDOWS\system32\Windows
PowerShell\v1.0\Modules
PYTHONIOENCODING=utf-8
PYTHONUNBUFFERED=1
PYTHONUTF8=1
REQUESTS_CA_BUNDLE=<not set>
SSL_CERT_FILE=<not set>
VBOX_MSI_INSTALL_PATH=D:\VirtualBox\
VSCODE_CODE_CACHE_PATH=C:\Users\Pawel\AppData\Roaming\Code\CachedData\5235c6b
b189b60b01b1f490
62f4ffa42384f8c91

```

```

    active environment : base
    active env location : c:\Users\Pawel\Anaconda3
        shell level : 1
        user config file : C:\Users\Pawel\.condarc
    populated config files :
        conda version : 4.8.2
    conda-build version : 3.18.9
        python version : 3.7.4.final.0
    virtual packages : __cuda=11.2
    base environment : c:\Users\Pawel\Anaconda3 (writable)
        channel URLs : https://repo.anaconda.com/pkgs/main/win-64
                      https://repo.anaconda.com/pkgs/main/noarch
                      https://repo.anaconda.com/pkgs/r/win-64
                      https://repo.anaconda.com/pkgs/r/noarch
                      https://repo.anaconda.com/pkgs/msys2/win-64
                      https://repo.anaconda.com/pkgs/msys2/noarch
        package cache : c:\Users\Pawel\Anaconda3\pkgs
                      C:\Users\Pawel\.conda\pkgs
                      C:\Users\Pawel\AppData\Local\conda\conda\pkgs
    envs directories : c:\Users\Pawel\Anaconda3\envs
                      C:\Users\Pawel\.conda\envs
                      C:\Users\Pawel\AppData\Local\conda\conda\envs
        platform : win-64
        user-agent : conda/4.8.2 requests/2.22.0 CPython/3.7.4 Windows/10
Windows/10.0.19041
        administrator : False
        netrc file : None
        offline mode : False

```

An unexpected error has occurred. Conda has prepared the above report.

Upload successful.

```

Collecting package metadata (current_repodata.json): ...working... done
Solving environment: ...working... failed with initial frozen solve. Retrying
with flexible solve.
Collecting package metadata (repodata.json): ...working... done
Solving environment: ...working... failed with initial frozen solve. Retrying
with flexible solve.
Solving environment: ...working...
Found conflicts! Looking for incompatible packages.
This can take several minutes. Press CTRL-C to abort.
failed

```

[]: