Goto >> MobilNet_SSD_opencv-master\datasets\SetParkingSlot

Click capImg.py

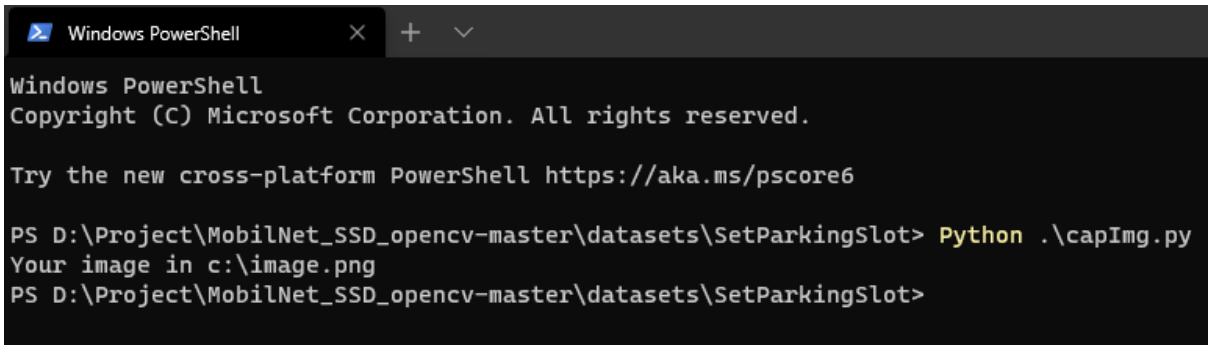
```
import cv2
url = 'http://10.8.10.116:8080/videostream.cgi?user=admin&pwd=12345678' #URL กล้อง
capture = cv2.VideoCapture(url)

ret, frame = capture.read()
cv2.imshow('Output', frame)
cv2.imwrite('c:\image.png',frame)
```

Change URL Camera

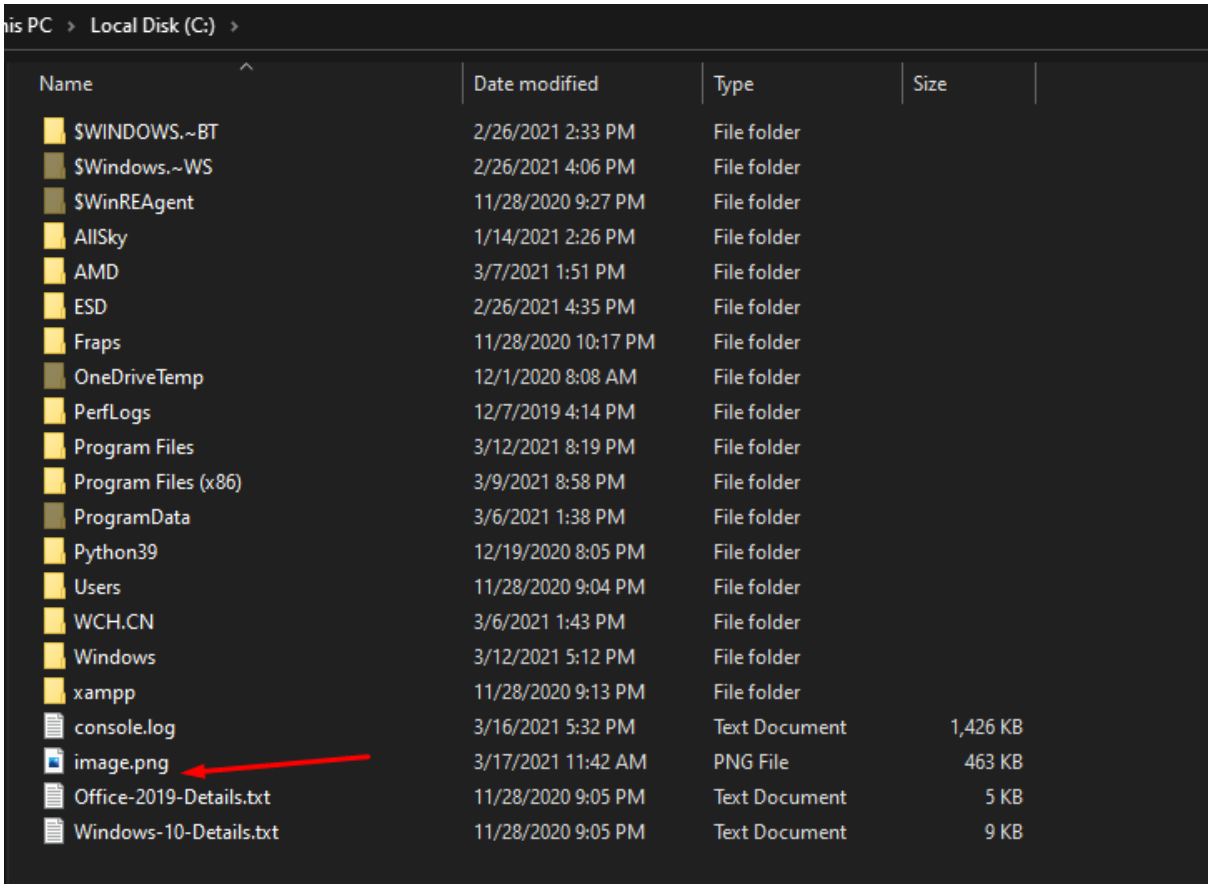
```
import cv2
url = 'http://10.8.10.116:8080/videostream.cgi?user=admin&pwd=12345678' #URL กล้อง
capture = cv2.VideoCapture(url)

ret, frame = capture.read()
cv2.imshow('Output', frame)
cv2.imwrite('c:\image.png',frame)
_
```

Run capImg.py

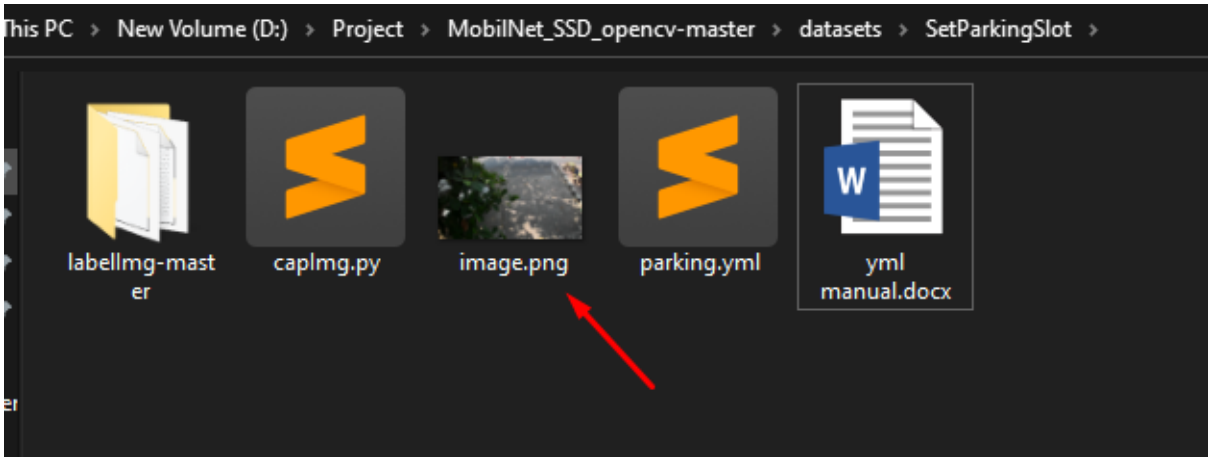
>> Python capImg.py



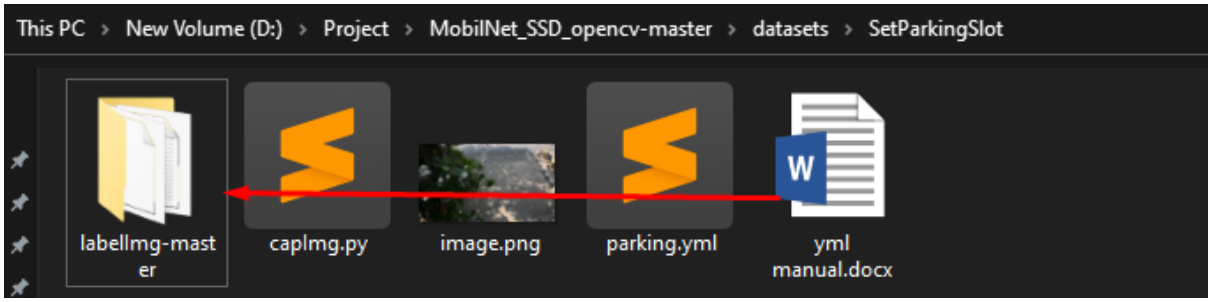
Go to C: drive

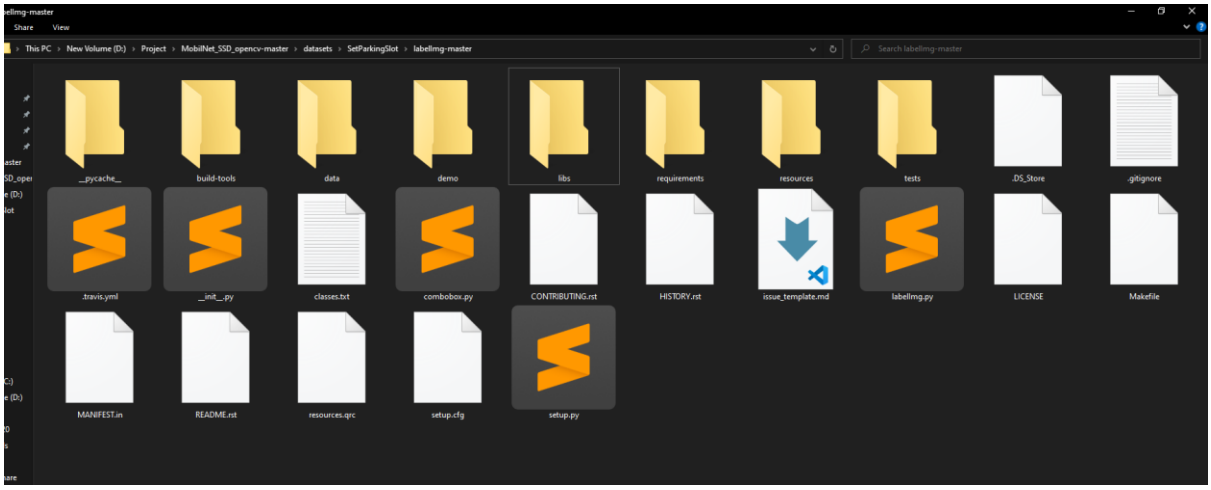


Copy to MobilNet_SSD_opencv-master\datasets\SetParkingSlot



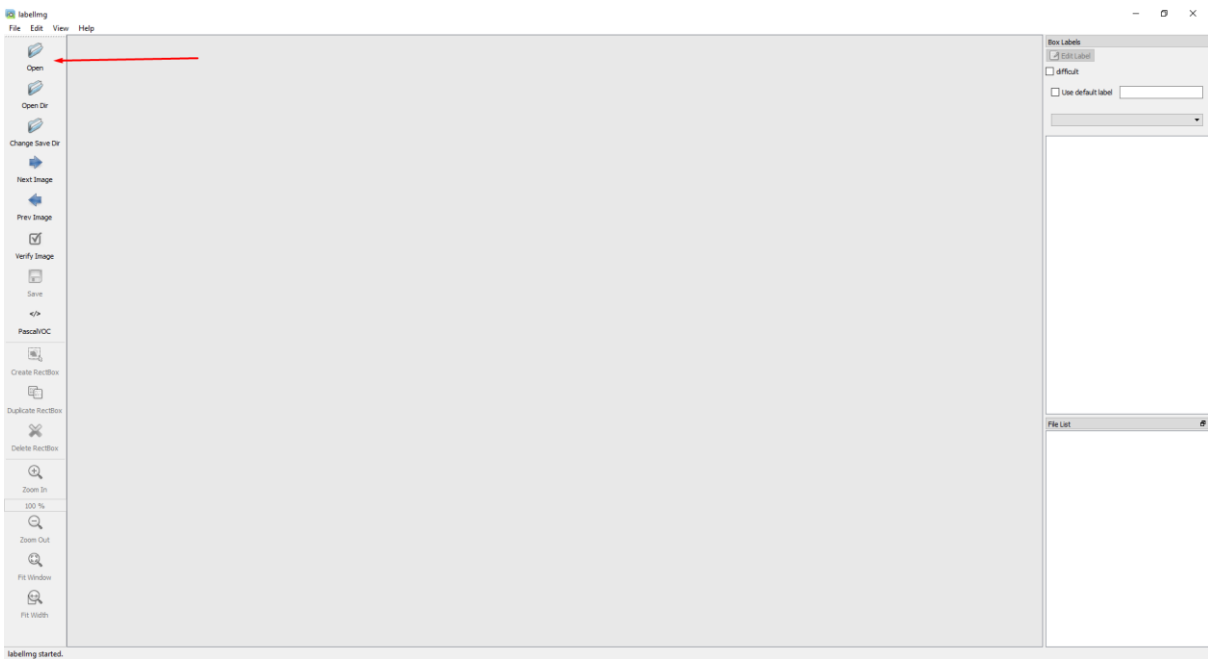
Go to labelImg-master

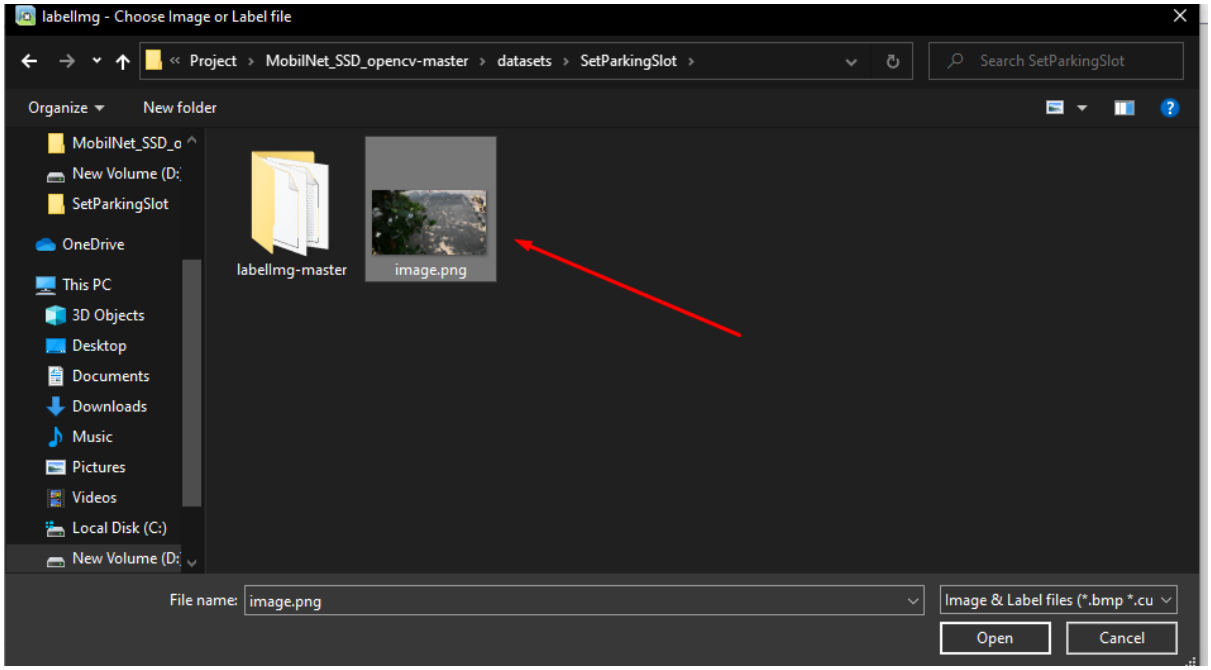




Run labelImg.py

>> Python capImg.py



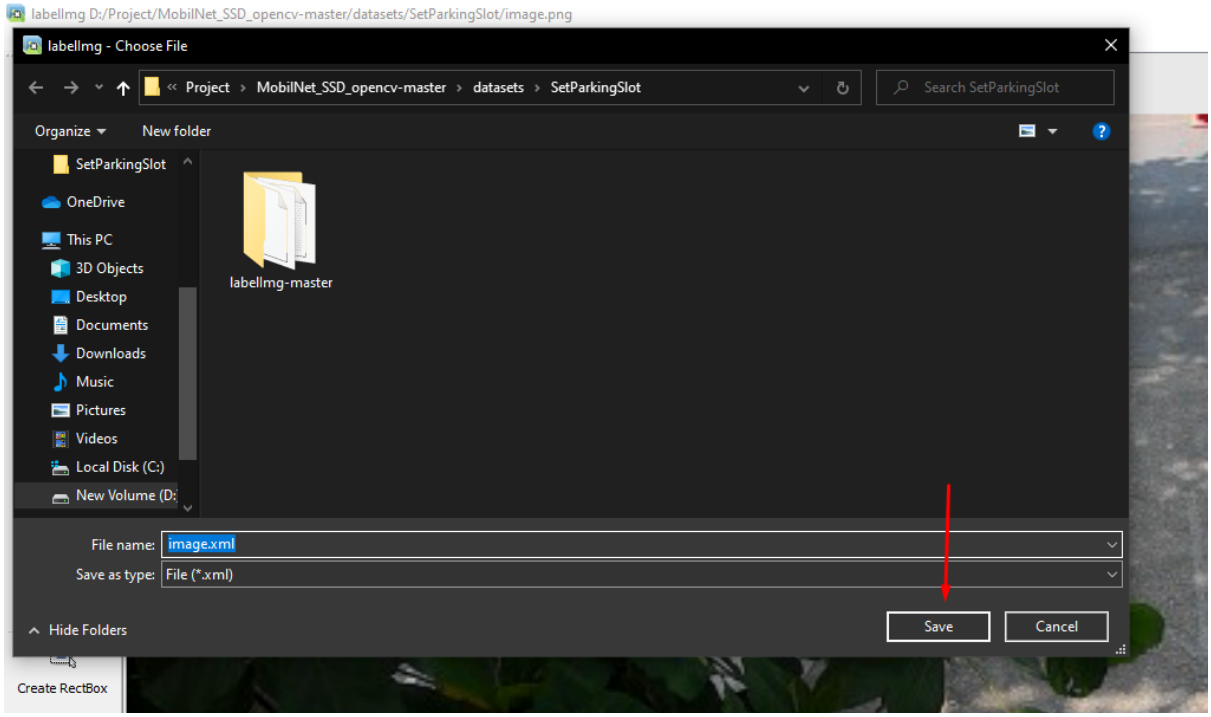

labelImg - Choose Image or Label file
Project › MobilNet_SSD_opencv-master › datasets › SetParkingSlot ›
Search SetParkingSlot
Organize
New folder
MobilNet_SSD_o
New Volume (D:
SetParkingSlot
OneDrive
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
New Volume (D:
labelImg-master
image.png
File name: image.png
Image & Label files (*.bmp *.cu
Open
Cancel

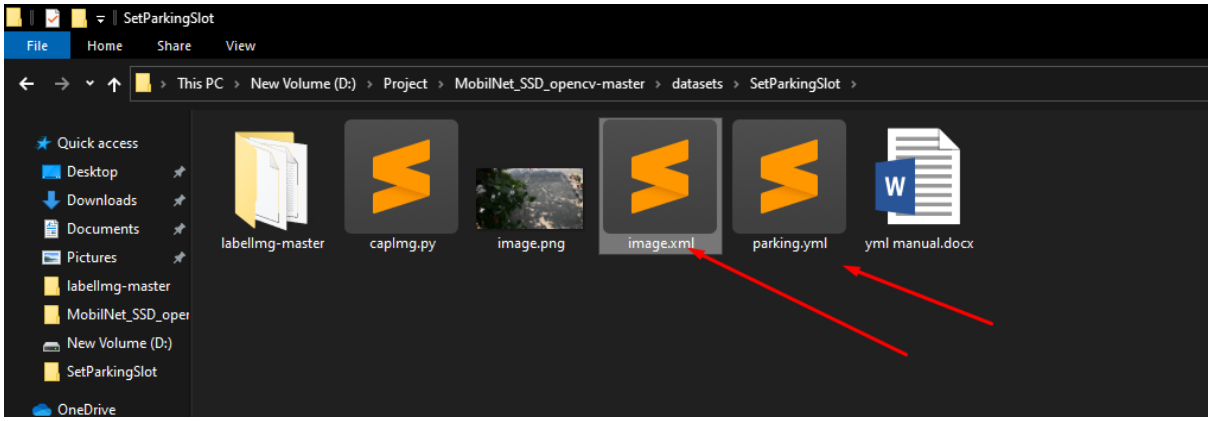

03/17/2021 11:42:24


labelImg D:/Project/MobileNet_SSD_opencv-master/datasets/SetParkingSlot/image.png
File Edit View Help
Open
Open Dir
Change Save Dir
Next Image
Prev Image
Verify Image
Save
PascalVOC
Create RectBox
Duplicate RectBox
Delete RectBox
Zoom In
242 %
Zoom Out
Fit Window
Fit Width
Box Labels
Edit Label
difficult
Use default label
labelImg
id1
OK
Cancel
dog
person
cat
tv
car
meatballs
marinara sauce
tomato soup
chicken noodle soup
french onion soup
chicken breast
03/17/2021 11:42:24
Width: 197, Height: 98 / X: 594; Y: 175
ENG
11:48 AM
3/17/2021


labelImg D:/Project/MobileNet_SSD_opencv-master/datasets/SetParkingSlot/image.png
File Edit View Help
Open
Open Dir
Change Save Dir
Next Image
Prev Image
Verify Image
Save
PascalVOC
Create RectBox
Duplicate RectBox
Delete RectBox
Zoom In
242 %
Zoom Out
Fit Window
Fit Width
Box Labels
Edit Label
difficult
Use default label
id1
File List
labelImg
id1
OK
Cancel
dog
person
03/17/2021 11:
ENG
11:49 AM
3/17/2021


labelImg D:/Project/MobilNet_SSD_opencv-master/datasets/SetParkingSlot/image.png
File Edit View Help
Open
Open Dir
Change Save Dir
Next Image
Prev Image
Verify Image
Save
Save the labels to a file
PascalVOC
Create RectBox
Duplicate RectBox
Delete RectBox
Zoom In
242 %
Zoom Out
Fit Window
Fit Width
Box Labels
Edit Label
difficult
Use default label
Id1
Id2
File List
03/17/2021 11:42:24
Save the labels to a file


labelImg D:/Project/MobilNet_SSD_opencv-master/datasets/SetParkingSlot/image.png
labelImg - Choose File
Project › MobilNet_SSD_opencv-master › datasets › SetParkingSlot
Search SetParkingSlot
Organize
New folder
SetParkingSlot
OneDrive
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
New Volume (D:
labelImg-master
File name: image.xml
Save as type: File (*.xml)
Hide Folders
Save
Cancel
Create RectBox


SetParkingSlot
File
Home
Share
View
This PC › New Volume (D:) › Project › MobilNet_SSD_opencv-master › datasets › SetParkingSlot ›
Quick access
Desktop
Downloads
Documents
Pictures
labelImg-master
MobilNet_SSD_oper
New Volume (D:)
SetParkingSlot
OneDrive
labelImg-master
captImg.py
image.png
image.xml
parking.yml
yml manual.docx

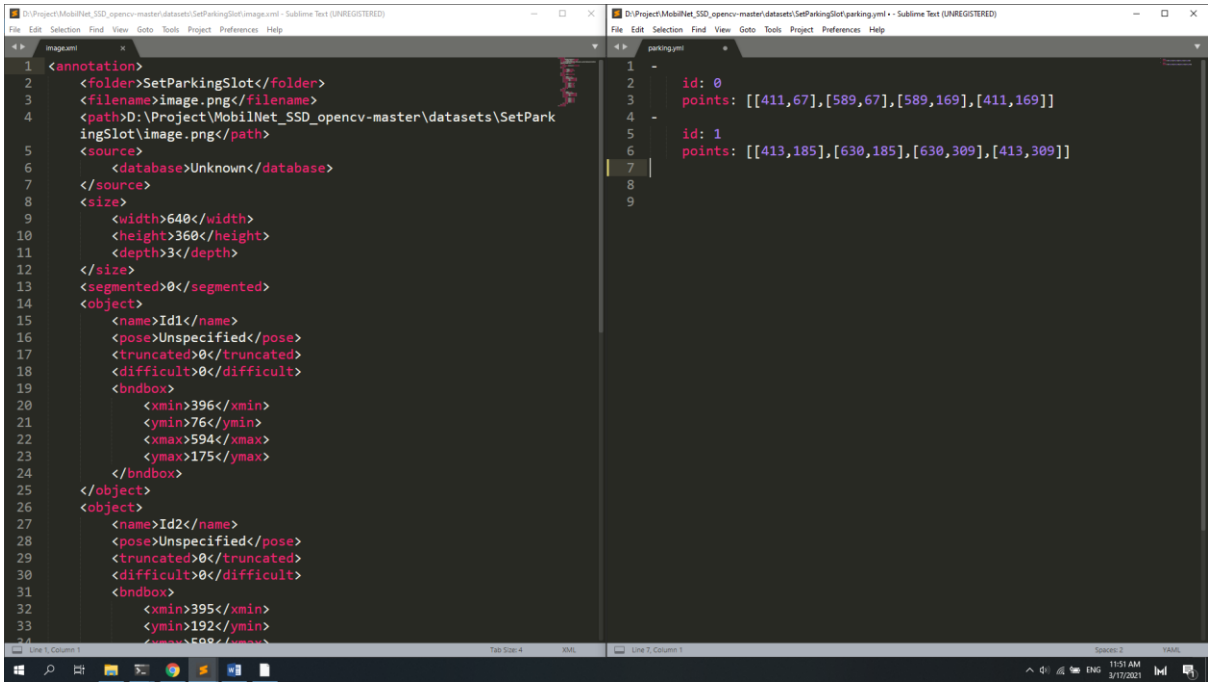


image.xml
<annotation>
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<filename>image.png</filename>
<path>D:\Project\MobilNet_SSD_opencv-master\datasets\SetParkingSlot\image.png</path>
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<database>Unknown</database>
</source>
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<width>640</width>
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</size>
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<object>
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<pose>Unspecified</pose>
<truncated>0</truncated>
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<bndbox>
<xmin>396</xmin>
<ymin>76</ymin>
<xmax>594</xmax>
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</bndbox>
</object>
<object>
<name>Id2</name>
<pose>Unspecified</pose>
<truncated>0</truncated>
<difficult>0</difficult>
<bndbox>
<xmin>395</xmin>
<ymin>192</ymin>
parking.yml
- id: 0 points: [[411,67],[589,67],[589,169],[411,169]]
- id: 1 points: [[413,185],[630,185],[630,309],[413,309]]


image.xml
<annotation>
<folder>SetParkingSlot</folder>
<filename>image.png</filename>
<path>D:\Project\MobilNet_SSD_opencv-master\datasets\SetParkingSlot\image.png</path>
<source>
<database>Unknown</database>
</source>
<size>
<width>640</width>
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</size>
<segmented>0</segmented>
<object>
<name>Id1</name>
<pose>Unspecified</pose>
<truncated>0</truncated>
<difficult>0</difficult>
<bndbox>
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<ymin>76</ymin>
<xmax>594</xmax>
<ymax>175</ymax>
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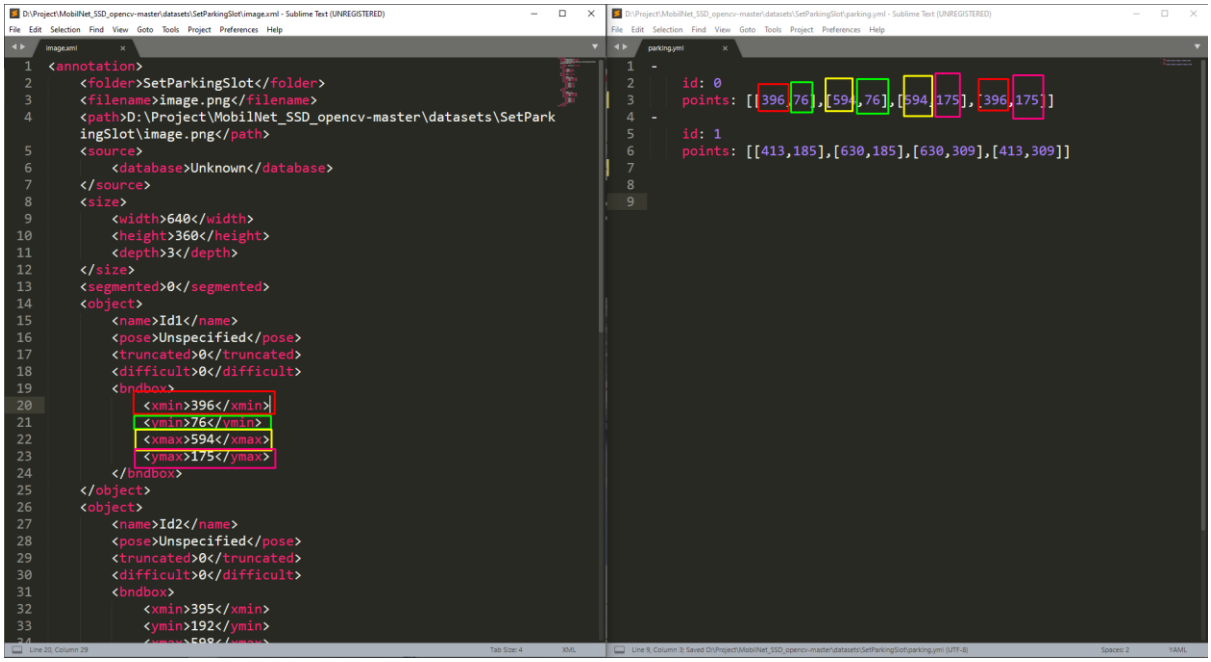
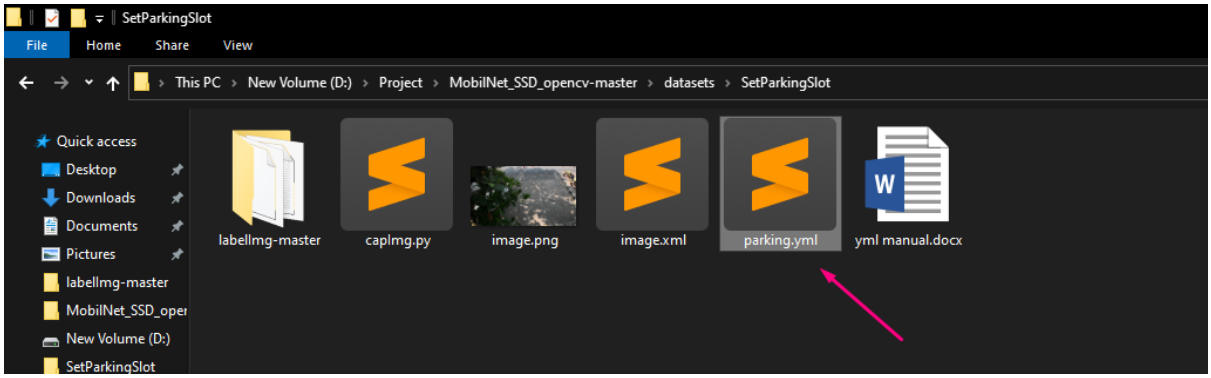
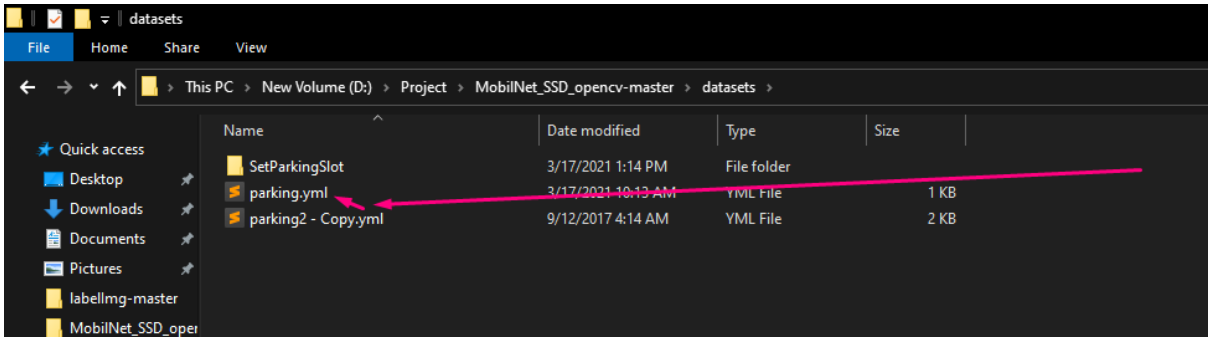
</object>
<object>
<name>Id2</name>
<pose>Unspecified</pose>
<truncated>0</truncated>
<difficult>0</difficult>
<bndbox>
<xmin>395</xmin>
<ymin>192</ymin>
parking.yml
- id: 0 points: [[411,67],[589,67],[589,169],[411,169]]
- id: 1 points: [[413,185],[630,185],[630,309],[413,309]]



Copy parking.yml to datasets



datasets



Now your can run programs