CUDA-version: 11010 (11020), cuDNN: 7.6.5, GPU count: 1

OpenCV version: 3.2.0

0 : compute\_capability = 600, cudnn\_half = 0, GPU: Tesla P100-PCIE-16GB

net.optimized\_memory = 0

mini\_batch = 1, batch = 16, time\_steps = 1, train = 0

layer filters size/strd(dil) input output

0 Create CUDA-stream - 0

Create cudnn-handle 0

conv 16 3 x 3/ 1 416 x 416 x 3 -> 416 x 416 x 16 0.150 BF

1 max 2x 2/ 2 416 x 416 x 16 -> 208 x 208 x 16 0.003 BF

2 conv 32 3 x 3/ 1 208 x 208 x 16 -> 208 x 208 x 32 0.399 BF

3 max 2x 2/ 2 208 x 208 x 32 -> 104 x 104 x 32 0.001 BF

4 conv 64 3 x 3/ 1 104 x 104 x 32 -> 104 x 104 x 64 0.399 BF

5 max 2x 2/ 2 104 x 104 x 64 -> 52 x 52 x 64 0.001 BF

6 conv 128 3 x 3/ 1 52 x 52 x 64 -> 52 x 52 x 128 0.399 BF

7 max 2x 2/ 2 52 x 52 x 128 -> 26 x 26 x 128 0.000 BF

8 conv 256 3 x 3/ 1 26 x 26 x 128 -> 26 x 26 x 256 0.399 BF

9 max 2x 2/ 2 26 x 26 x 256 -> 13 x 13 x 256 0.000 BF

10 conv 512 3 x 3/ 1 13 x 13 x 256 -> 13 x 13 x 512 0.399 BF

11 max 2x 2/ 1 13 x 13 x 512 -> 13 x 13 x 512 0.000 BF

12 conv 1024 3 x 3/ 1 13 x 13 x 512 -> 13 x 13 x1024 1.595 BF

13 conv 256 1 x 1/ 1 13 x 13 x1024 -> 13 x 13 x 256 0.089 BF

14 conv 512 3 x 3/ 1 13 x 13 x 256 -> 13 x 13 x 512 0.399 BF

15 conv 24 1 x 1/ 1 13 x 13 x 512 -> 13 x 13 x 24 0.004 BF

16 yolo

[yolo] params: iou loss: mse (2), iou\_norm: 0.75, obj\_norm: 1.00, cls\_norm: 1.00, delta\_norm: 1.00, scale\_x\_y: 1.00

17 route 13 -> 13 x 13 x 256

18 conv 128 1 x 1/ 1 13 x 13 x 256 -> 13 x 13 x 128 0.011 BF

19 upsample 2x 13 x 13 x 128 -> 26 x 26 x 128

20 route 19 8 -> 26 x 26 x 384

21 conv 256 3 x 3/ 1 26 x 26 x 384 -> 26 x 26 x 256 1.196 BF

22 conv 24 1 x 1/ 1 26 x 26 x 256 -> 26 x 26 x 24 0.008 BF

23 yolo

[yolo] params: iou loss: mse (2), iou\_norm: 0.75, obj\_norm: 1.00, cls\_norm: 1.00, delta\_norm: 1.00, scale\_x\_y: 1.00

Total BFLOPS 5.451

avg\_outputs = 325268

Allocate additional workspace\_size = 52.43 MB

Loading weights from /content/darknet/backup/yolov3-tiny\_obj\_best.weights...

seen 64, trained: 249 K-images (3 Kilo-batches\_64)

Done! Loaded 24 layers from weights-file

Detection layer: 16 - type = 28

Detection layer: 23 - type = 28

/content/cse6463\_22s\_120200208/obj/20035\_img00477.jpg: Predicted in 2.725000 milli-seconds.

car: 91% (left\_x: -3 top\_y: 420 width: 101 height: 132)

car: 100% (left\_x: 289 top\_y: 108 width: 51 height: 40)

car: 100% (left\_x: 351 top\_y: 164 width: 67 height: 62)

car: 98% (left\_x: 364 top\_y: 92 width: 45 height: 32)

car: 100% (left\_x: 390 top\_y: 108 width: 54 height: 46)

bus: 99% (left\_x: 419 top\_y: 222 width: 81 height: 131)

bus: 87% (left\_x: 430 top\_y: 56 width: 33 height: 36)

car: 100% (left\_x: 593 top\_y: 199 width: 79 height: 75)

car: 99% (left\_x: 598 top\_y: 58 width: 38 height: 36)

car: 100% (left\_x: 630 top\_y: 97 width: 47 height: 42)

car: 51% (left\_x: 634 top\_y: 75 width: 41 height: 31)

car: 95% (left\_x: 664 top\_y: 138 width: 65 height: 52)

car: 100% (left\_x: 791 top\_y: 190 width: 92 height: 73)

car: 99% (left\_x: 798 top\_y: 333 width: 161 height: 144)

Unable to init server: Could not connect: Connection refused

(predictions:1096498): Gtk-**WARNING** \*\*: 01:29:20.753: cannot open display:

텍스트, 길, 도로, 장면이(가) 표시된 사진

자동 생성된 설명