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: 256 K-images (4 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 2.718000 milli-seconds.

car: 87% (left\_x: 4 top\_y: 419 width: 91 height: 129)

car: 100% (left\_x: 287 top\_y: 107 width: 53 height: 42)

car: 100% (left\_x: 347 top\_y: 164 width: 69 height: 60)

car: 98% (left\_x: 367 top\_y: 89 width: 43 height: 37)

car: 100% (left\_x: 389 top\_y: 109 width: 56 height: 46)

bus: 27% (left\_x: 424 top\_y: 49 width: 32 height: 36)

bus: 100% (left\_x: 426 top\_y: 223 width: 74 height: 129)

bus: 91% (left\_x: 433 top\_y: 55 width: 31 height: 38)

car: 100% (left\_x: 588 top\_y: 199 width: 85 height: 76)

car: 98% (left\_x: 598 top\_y: 60 width: 34 height: 33)

car: 100% (left\_x: 628 top\_y: 95 width: 45 height: 44)

car: 84% (left\_x: 632 top\_y: 76 width: 40 height: 32)

car: 93% (left\_x: 664 top\_y: 136 width: 69 height: 56)

car: 100% (left\_x: 789 top\_y: 193 width: 102 height: 69)

car: 98% (left\_x: 806 top\_y: 331 width: 144 height: 152)

Unable to init server: Could not connect: Connection refused

(predictions:549073): Gtk-**WARNING** \*\*: 00:01:39.514: cannot open display:

텍스트, 도로, 길, 장면이(가) 표시된 사진

자동 생성된 설명