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I had trained PP-Yolo v2 model upto 800 epochs. The minimum loss is 22 and fluctuates in between 20 to 35. Evaluated with both training and test datasetset. Resuts are good with compare to previous checkpoints. But it gives only 4 to 5 FPS, and also model try to overfit little bit.

Evaluation Training:

```
DONE (t=0.75s).
 Average Precision (AP) @[ IoU=0.50:0.95 | area=
                                                             | maxDets=100 ] = 0.361
 Average Precision (AP) @[ IoU=0.50
                                             | area=
                                                                            ] = 0.745
                                                               maxDets=100
 Average Precision (AP) @[ IoU=0.75
                                              area= all
                                                             | maxDets=100 | = 0.302
 Average Precision (AP) @[ IoU=0.50:0.95 | area= small
                                                             | maxDets=100 ] = 0.279
 Average Precision (AP) @[ IoU=0.50:0.95
                                                             | maxDets=100 ] = 0.479
                                              | area=medium
 Average Precision (AP) @[ IoU=0.50:0.95 | area= large Average Recall (AR) @[ IoU=0.50:0.95 | area= all
                                                             maxDets=100
                                                                             = 0.470
 Average Recall
Average Recall
                                                             | maxDets= 1
                                                                            1 = 0.189
                                                             | maxDets= 10 ] = 0.469
                     (AR) @[ IoU=0.50:0.95 | area=
 Average Recall
                     (AR) @[ IoU=0.50:0.95 | area= all
                                                             | maxDets=100 ] = 0.576
                    (AR) @[ IoU=0.50:0.95 | area= small
                                                             | maxDets=100 ] = 0.456
 Average Recall
 Average Recall
Average Recall
                     (AR) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] (AR) @[ IoU=0.50:0.95 | area= large | maxDets=100 ]
                                                                            1 = 0.657
                                                                              = 0.732
[08/06 15:01:50] ppdet.metrics.coco utils INFO: Per-category of bbox AP:
                                                            AP
 category | AP
                      | category | AP
                                          | category
  aeroplane | 0.413 | car
                                 0.338
              0.454
                                 0.310
                                            traffic light | 0.308
                       person
[08/06 15:01:50] ppdet.metrics.coco utils INFO: per-category PR curve has output to bbox pr curve folder.
 08/06 15:01:50] ppdet.engine INFO: Total sample number: 689, averge FPS: 4.838689913822015
```

Evaluation test:

```
Accumulating evaluation results...
DONE (t=0.23s).
Average Precision (AP) @[ IoU=0.50:0.95 |
                                                          all | maxDets=100 ] = 0.162
                                                 area=
Average Precision (AP) @[ IoU=0.50
                                                 area= all | maxDets=100
                                                                               1 = 0.360
Average Precision (AP) @[ IoU=0.75 | Average Precision (AP) @[ IoU=0.50:0.95 |
                                                               | maxDets=100
                                                 area=
                                                                                 = 0.120
                                                 area= small
                                                                 maxDets=100
                                                                                = 0.098
Average Precision (AP) @[ IoU=0.50:0.95 |
                                                 area=medium | maxDets=100
                                                                                 = 0.228
                                                 area= large | maxDets=100
area= all | maxDets= 1
area= all | maxDets= 10
Average Precision (AP) @[ IoU=0.50:0.95 |
                                                                                 = 0.289
Average Recall
Average Recall
                      (AR) @[ IoU=0.50:0.95 |
(AR) @[ IoU=0.50:0.95 |
                                                                                 = 0.126
                                                                                 = 0.313
Average Recall
                      (AR) @[ IoU=0.50:0.95 |
                                                 area= all | maxDets=100
                      (AR) @[ IoU=0.50:0.95 |
                                                                 maxDets=100
Average Recall
                                                 area= small |
                                                                                 = 0.255
                     (AR) @[ IoU=0.50:0.95 |
(AR) @[ IoU=0.50:0.95 |
Average Recall
                                                area=medium | maxDets=100
area= large | maxDets=100
                                                 area=medium
                                                                 maxDets=100
Average Recall
                                                                               1 = 0.672
[08/06 15:05:48] ppdet.metrics.coco utils INFO: Per-category of bbox AP:
                    | category | AP
| category | AP
                                           category
 aeroplane | 0.292 | car
             0.280 | person
                                    0.060
                                             traffic light |
[08/06 15:05:48] ppdet.metrics.coco_utils INFO: per-category PR curve has output to bbox_pr_curve folder.
[08/06 15:05:48] ppdet.engine INFO: Total sample number: 190, averge FPS: 4.000028188803708
```

corrected 500ins json link (test): https://drive.google.com/file/d/1WJxlhhb-fyf6YxXPkuWbxeuFF1kyn4QR/view?usp=sharing