

Panneerselvam N (08/09/2021)

Today i had trained faster rcnn model upto 138499 iterations.

Test :

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[09/09 03:58:44 d2.evaluation.fast_eval_api]: COCOeval opt.accumulate() finished in 0.02 seconds.
Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.384
Average Precision (AP) @[ IoU=0.50 | area= all | maxDets=100 ] = 0.565
Average Precision (AP) @[ IoU=0.75 | area= all | maxDets=100 ] = 0.415
Average Precision (AP) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.232
Average Precision (AP) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.503
Average Precision (AP) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.552
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 1 ] = 0.221
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 10 ] = 0.541
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.581
Average Recall (AR) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.404
Average Recall (AR) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.688
Average Recall (AR) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.819
[09/09 03:58:44 d2.evaluation.coco_evaluation]: Evaluation results for bbox:
| AP | AP50 | AP75 | APs | APm | APl |
|-----|-----|-----|-----|-----|-----|
| 38.352 | 56.507 | 41.474 | 23.209 | 50.253 | 55.211 |
[09/09 03:58:44 d2.evaluation.coco_evaluation]: Per-category bbox AP:
| category | AP | category | AP | category | AP |
|-----|-----|-----|-----|-----|-----|
| aeroplane | 64.450 | car | 26.561 | chair | 30.293 |
| cow | 58.988 | person | 20.008 | traffic_light | 29.813 |
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Total inference time: 0:02:17.554629 (0.743539 s / iter per device, on 1 devices)
Total inference pure compute time: 0:02:16 (0.740199 s / iter per device, on 1 devices)
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Train :

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[09/09 04:08:01 d2.evaluation.fast_eval_api]: COCOeval opt.accumulate() finished in 0.05 seconds.
Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.656
Average Precision (AP) @[ IoU=0.50 | area= all | maxDets=100 ] = 0.865
Average Precision (AP) @[ IoU=0.75 | area= all | maxDets=100 ] = 0.733
Average Precision (AP) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.565
Average Precision (AP) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.743
Average Precision (AP) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.825
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 1 ] = 0.306
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 10 ] = 0.717
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.756
Average Recall (AR) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.667
Average Recall (AR) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.827
Average Recall (AR) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.912
[09/09 04:08:01 d2.evaluation.coco_evaluation]: Evaluation results for bbox:
| AP | AP50 | AP75 | APs | APm | APl |
|-----|-----|-----|-----|-----|-----|
| 65.610 | 86.528 | 73.318 | 56.502 | 74.312 | 82.524 |
[09/09 04:08:01 d2.evaluation.coco_evaluation]: Per-category bbox AP:
| category | AP | category | AP | category | AP |
|-----|-----|-----|-----|-----|-----|
| aeroplane | 88.144 | car | 57.644 | chair | 67.827 |
| cow | 74.917 | person | 55.569 | traffic_light | 49.560 |
OrderedDict([('bbox',
```

```
Total inference time: 0:08:27.085180 (0.741353 s / iter per device, on 1 devices)
Total inference pure compute time: 0:08:24 (0.738200 s / iter per device, on 1 devices)
```