

Aero2Astro Panneerselvam N (23/09/2021)

Today i am started to training Yolo v4. Initially i am facing Cuda memory error, so i am reduced batch size = 32.

Totally trained model upto 872 epochs.

```
total_bbox = 201877, rewritten_bbox = 0.143652 %  
(next mAP calculation at 1000 iterations)  
872: 2.809157, 2.570853 avg loss, 0.000578 rate, 12.931397 seconds, 27904 images, 16.807148 hours left  
Loaded: 0.000056 seconds  
v3 (iou loss, Normalizer: (iou: 0.07, obj: 1.00, cls: 1.00) Region 139 Avg (IOU: 0.000000), count: 1, class_loss = 0.002644, iou_loss = 0.000000, total_loss =  
v3 (iou loss, Normalizer: (iou: 0.07, obj: 1.00, cls: 1.00) Region 150 Avg (IOU: 0.678689), count: 2, class_loss = 0.433266, iou_loss = 0.678868, total_loss =  
v3 (iou loss, Normalizer: (iou: 0.07, obj: 1.00, cls: 1.00) Region 161 Avg (IOU: 0.673834), count: 4, class_loss = 0.552185, iou_loss = 0.597522, total_loss =  
total_bbox = 201877, rewritten_bbox = 0.143652 %  
v3 (iou loss, Normalizer: (iou: 0.07, obj: 1.00, cls: 1.00) Region 139 Avg (IOU: 0.000000), count: 1, class_loss = 0.000263, iou_loss = 0.000000, total_loss =  
v3 (iou loss, Normalizer: (iou: 0.07, obj: 1.00, cls: 1.00) Region 150 Avg (IOU: 0.000000), count: 1, class_loss = 0.009347, iou_loss = 0.000000, total_loss =  
v3 (iou loss, Normalizer: (iou: 0.07, obj: 1.00, cls: 1.00) Region 161 Avg (IOU: 0.474174), count: 3, class_loss = 2.136589, iou_loss = 0.049415, total_loss =  
total_bbox = 201880, rewritten_bbox = 0.143650 %  
v3 (iou loss, Normalizer: (iou: 0.07, obj: 1.00, cls: 1.00) Region 139 Avg (IOU: 0.568717), count: 5, class_loss = 3.679291, iou_loss = 46.077553, total_loss =  
v3 (iou loss, Normalizer: (iou: 0.07, obj: 1.00, cls: 1.00) Region 150 Avg (IOU: 0.529271), count: 4, class_loss = 2.211831, iou_loss = 1.643998, total_loss =  
v3 (iou loss, Normalizer: (iou: 0.07, obj: 1.00, cls: 1.00) Region 161 Avg (IOU: 0.602735), count: 5, class_loss = 1.313505, iou_loss = 0.297813, total_loss =  
total_bbox = 201894, rewritten_bbox = 0.143640 %  
v3 (iou loss, Normalizer: (iou: 0.07, obj: 1.00, cls: 1.00) Region 139 Avg (IOU: 0.319412), count: 4, class_loss = 2.955651, iou_loss = 13.738703, total_loss =  
v3 (iou loss, Normalizer: (iou: 0.07, obj: 1.00, cls: 1.00) Region 150 Avg (IOU: 0.519500), count: 2, class_loss = 1.424467, iou_loss = 0.390876, total_loss =  
v3 (iou loss, Normalizer: (iou: 0.07, obj: 1.00, cls: 1.00) Region 161 Avg (IOU: 0.671849), count: 2, class_loss = 1.831961, iou_loss = 0.321198, total_loss =  
total_bbox = 201902, rewritten_bbox = 0.143634 %  
v3 (iou loss, Normalizer: (iou: 0.07, obj: 1.00, cls: 1.00) Region 139 Avg (IOU: 0.000000), count: 1, class_loss = 0.000077, iou_loss = 0.000000, total_loss =  
v3 (iou loss, Normalizer: (iou: 0.07, obj: 1.00, cls: 1.00) Region 150 Avg (IOU: 0.561315), count: 2, class_loss = 0.849276, iou_loss = 0.496610, total_loss =  
v3 (iou loss, Normalizer: (iou: 0.07, obj: 1.00, cls: 1.00) Region 161 Avg (IOU: 0.563105), count: 2, class_loss = 0.656092, iou_loss = 0.312821, total_loss =
```