```
darknet detector train cfg/xx.data cfg/yoloxx.cfg darknet19.weights.com.23
                        knet.c
main(int argc, char **argv)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   region_layer.c
layer make_region_layer(int batch, int w, int h, int n, int classes, int coords)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             or(int argc, char **argv)
          if (0 = strcmp(argv[1], "average")){
    average(arg., argv);
    } (9 test f[0 = strcmp(argv[1], "yolo")){
    run, yolo(arg., argv);
    } (9 = strcmp(argv[1], "voxel")){
    run, voxe(arg., argv);
    } (9 = strcmp(argv[1], "super")){
    run, super(arg., argv);
    } (9 = strcmp(argv[1], "super")){
    run, super(arg., argv);
    } (9 = strcmp(argv[1], "std")){
    run, super(arg., argv);
    }
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           np(argv[2], "test")) test_detector(
reen);
                                                                                                                                                                                                                                                                                                                                                                          #fl(==stromplargs/2], "test") test, detector(datact; cfg, weights, fliename, thresh, hier_tf outfle, fullscreen; else #fl(==stromplargs/2], "train") train_detector(datact; cfg, weights, gpus, ngpus, clear #fl(==stromplargs/2], "valot")) validate_detector_flip(datact; cfg, weights, outfle); else #fl(==stromplargs/2], "result") validate_detector_flip(datact; cfg, weights, outfle); else #fl(==stromplargs/2], "result") validate_detector_flip(datact; cfg, weights).

Ist "options = read_data_cfg/datacfg;
Int clause= option_flim_flip(point_abse_cfs-cfs-cfs-data/name_list");
chan "name_list = option_flim_stroptions_trainses", "data/name_list");
chan "name_ge_ge_lubelcfpame_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_luber_ge_l
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          int j;
for(j = 0; j < n; ++j){
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        int i,j,b,t,n;
memcpy(l.output, net.input, l.outputs*l.batch*sizeof(float));
          } else if (0 == strcmp(argv[1], "lsd"
run_lsd(argc, argv);
} else if (0 == strcmp(argv[1], "dete
run_detector(argc, argv);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      memset[idelta, 0, | outputs * lbatch * sizeof[float]); if[lnet.train] return; float avg_[io=0; float avg_[io=0; float avg_[io=0; float avg_[io=10; float avg_[io=10; float avg_[io=10; float avg_[io=10] = 0; float avg_[io=10] = 0; int count = 0; int count = 0; int count = 0; for int count = 0; for int count = 0; for | 
                                                                                                                                                                                                                                                                                                                                                                                        void train_detector(char *datacfg, char *cfgfile, char *weightfile, int *gpus, int ngpus, int clear)
                                                                                                                                                                                                                                                                                                                                                                                                                       //read params from the data config file.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           images, test validate images , backup_directory
                                                                                                                                                                                                                                                                                                                                                                                                                                         list *options = read_data_cfg(datacfg);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    \label{eq:local_problem} \begin{split} &/|h^h w^n \cap^c. \, c:[classes \, coords + 1] \\ &for \ [i = 0; \, c: \, l. \, l. \, w; + h] \\ &for \ [i = 0; \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ [n = 0, \, n \, c: \, l. \, w; + h] \\ &for \ 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       assert(d.X.rows % net.batch == 0);
int batch = net.batch;
//这里rows是一次加银制内存中的
//阵本的个数(batch*net.subdivisio
//col战是样本的单度
// 这里印 就是 subdivisions
int n = d.X.rows / batch;
//matrix.h
//这里rows是一次加载到内存中的
样本的个数(batch*net.subdivision:
cols就是样本的维度,
                                                                                                                                                                                                                                                                                                                                                                                                                                                data train, buffer:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 anchors.

box pred = get_region_box(l.output, l.biases, n, box_index, i, j, l.w, l.h, l.w*l.h); float best_iou = 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                …
//调节图片旋转角度、曝光度、饱和度、色调等,来增加图片影
      "vals指向的是样本的值
                                                                                                                                                                                                                                                                                                                                                                                                                                                //PMISURED

Pitread (load thread = load_data(args);
pitread_join(load_thread, lo);

//**pitread_join(load_thread, lo);

/**pitread_join(load_thread, lo);

                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              // find the best iou among all the groun for(t = 0; t < 30; ++1) to truth = float, to, box(net.truth + t*5 + b*l.truths, 1); if(truths) sex, float iou = box, iou(pred, truth); if (lou > best_iou) { best_iou} best_iou iou;
                                                                                                                                                                                                                                                                                                                                                                                                                                                ...
loss = train network(net, train):
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ,
return (float)sum/(n*batch);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 //预测值的坐标索引
int obj_index = entry_index(l, b, n*l.w*l.h + j*l.w + i, 4);
avg_anyobj += l.output(obj_index);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          {
    iffdef GPU
    iff(gpu_index >= 0) return train_network_datum_gpu
    endif
    "net_seen += net_batch;
    net_train = 1;
    forward_network(net);
}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       \lambda_{\text{coord}} \sum_{i=0}^{S^2} \sum_{j=0}^{B} (\hat{y}_{ij}) x_i - \hat{x}_i)^2 + (y_i - \hat{y}_i)^2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   +\lambda_{\text{cond}}\sum_{i}^{2}\sum_{j}^{B}\mathbb{I}_{ij}^{i\delta_{j}}\left(\sqrt{w_{i}}-\sqrt{\hat{w}_{i}}\right)^{2}+\left(\sqrt{h_{i}}-\sqrt{\hat{h}_{i}}\right)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       int i;

//net.n: number of layers

for(i = 0; i < net.n; ++i){

net.index = i;

layer | = net.layers[i];

if[l.delta){

fill_cpu[l.outputs * l.b.;

}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     //For each object of the whole image.
box truth = float_to_box(net.truth + t*5 + b*l.truths, 1);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    network net = parse_network_cfg(cfg);
if(weights && weights[0] != 0){
load_weights(&net, weights);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          if[truth.x] break;
float best_iou = 0,
int best_i = 0,
int bes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   + \lambda_{\text{mody}} \sum_{i=0}^{S^2} \sum_{j=0}^{B} \mathbb{1}_{ij}^{\text{mody}} \left(C_i - \hat{C}_i\right)^2
Fürderschlift
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    if(clear) *net.seen = 0;
return net:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            }
Lforward(I, net);
net.input = I.output;
if(I.truth) {
    net.truth = I.output;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRECEDENCE + \sum_{i=0}^{g^2} \binom{e_i}{i} \sum_{e \in \text{classes}} (p_i(e) - \hat{p}_i(e))^2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   //Totally n pred boxes. Find the best box scale for that object. v(n = 0, n < l.n, +l.n) int box index = entry, index[l, b, n*l.w*l.h + j*l.w + i, 0]: box pred = get_region_box[l.output, l.biases, n, box_index, i, j, l.w, l.h, l.w*l.h); //bias_match is 1_means use ancher box without net output
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              load weights upto(net. filename. 0. net->n):
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   //seems x, y doesn't matter. only w, h matter float iou = box_lou(pred, truth_shift); if (lou > best_iou = iou; best_n = n; }
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       }
tendif
fprintf(stderr, "Loading weights from %s...", filename);
//fflush()函数冲洗液中的信息,该函数通常用于处理磁盘文件。
                                                                                                                                                                                                                    params.h = net.h;
                                                                                                                                                                                                                 paramin - netter,

size + workspace_size = 0;

n = n-neet;

int count = 0;

n = neet;

formittidenr, "loyer filters size input while(n)|

paraminder = count;

paraminder = count;

paraminder = neet;

parami
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              fflush(stdout);

FILE *fp = fopen(filename, "rb");

if(!fp) file_error(filename);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         )
int box_index = entry_index(l, b, best_n*Lw*Lh + j*Lw + i, 0);

// Calculate the loss for location error.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         相切的に表示のrunnamen, let major; int minor; int
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  \label{eq:continuous} $$ (Calculate the loss for location error.$$ (box index, i, j, lw, lh, ldelta, float low debt. grappin, box(twth, lought, lbises, best_n, box_index, i, j, lw, lh, ldelta, d_scale* (2.- truth, w^ttuth, h, lw^t,h); (Calculate the real) (Ca
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     //Ldelta[best_index+4] = iou - Loutput[best_index+4];
//最好的那个BOX的學标
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /描述部分の必要性

int obj. jedes = entry_indea(j, b, bet_n'n'l,w'h, h']'l,w +, i.coords;

are_dis_indea(j, b) = i.coord;

i.dea(j, b) = i.coord; i.coord; i.coord;

i.dea(j, b) = i.coord; i.coord; i.coord;

//唐过重打分来傳数.deta (预测告与实验分差)

i.dea(j, b) = i.coord;

i.dea(j, b) = i.co
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         if(l.binary){
//load_convolutional_weights_binary(l, fp);
//return;
                                                                                                                                                                                                                              |else if{it == REGION}{
| I = parse_region(options, params};
|else if[it == DETECTION]{
| I = parse_detection(options, params};
|else if[it == SOFTMAX]{
| I = parse_softmax(options, params);
| net.hierarchy = Lsoftmax_tree;
|else if[it == NORMALIZATION]{
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              卷积层的参数个数,卷积核个数×通道数×卷积核长度×卷积核宽度
tnum=ln*l.c*l.size*l.size;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    int;
//cutoff簡名思义,之后的参数不加载,fine tuning的發展
for[: start; i cneth-n & & i cutoff; +i]{
//参联各限证

layer [ = net-b-layer(i);

if (Ldontload) continue;

fil(type = COMOUTDNAL | | Lype == DECOMOUTDNAL | 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   //这个估计没用上吧,直接给0了
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  int class = net.truth[^{t}(Lcoords + 1) + b*l.truths + Lcoords]; if (Lmap) class = Lmap(class); int class; index = entry_index(l, b, best_n*l.w*l.h + j*l.w + i, Lcoords + 1); //计算分类的现失
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          fread(Lbiases + ([Ln |= 1374]70-5), sizeof(float), I.n, fp); if (lbatch_normalize && (Ildontloadscales))( fread(Iscales + ([In = 1374]70-5), sizeof(float), I.n, fp); fread(Iscales + ([In = 1374]70-5), sizeof(float), I.n, fp); fread(Irolling_variance + ([In = 1374]70-5), sizeof(float), I.n, fp);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    delta_region_class(Loutput, Ldelta, class_index, class, Lclasses, Lsoftmax_tree
Lclass_scale, Lw*Lh, &avg_cat);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            }
if(l.type == CONNECTED){
load_connected_weights(l, fp, transpose);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         }
fread[l.weights + ((l.n |= 1374)?0.5*l.c*l.sire*l.sire), sireof[float],
um, fp];
letse[
fread[l.biases, sireof[float], l.n, fp];
//多果使用了Batch Normalizationn (https://www.zhihu.com
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             }
*(Loost) = pow(mag_array(Ldelta, Loutputs * Lbatch), 2);
/*Region Avg (DU:平均的IOU,代表预测的bounding box和ground truth的交集与并集之比,
                                                                                                                                                                                               return net;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          https://aniv.org/abs/1502.03167)

B球山电一参数

if (batch_normaize && (il.dontloadscales))(
fread(scales, size(fifloat), In, fp);
fread(Infilm_ens, size(fifloat), In, fp);
fread(Infilm_variance, size(fifloat), In, fp);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Class:是标注物体的概率,期望该值的沂干1.Obi:期望该值的沂干1.No Obi:期望该值越来越小但不
                                                                                                                         //首先我们看一下list, section, node, kvp这四个结构体
                                                                                                                             /e用矩形表示list、橢圓表示section、圓形表示node、六边形表示kvp。为了表达方便、我就想section和kvp放到了node里面,其实这样表达有失妥当,大家實際就行。根据作者代码我们就可以得出以下的参数网络,如有表达错误或不妥,欢迎指正e/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            }
/if(l.c == 3) scal_cpu(num, 1./256, l.weights, 1);
if (l.flipped) {
    transpose_matrix(l.weights, l.c*l.size*l.size, l.n);
}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                }
//if (l.binary) binarize_weights(l.weights, l.n, l.c*l.size*l.size, l.weights);
fdef GPU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         if(gpu_index >= 0){
push_convolutional_layer(I);
                                                                                                                      我们来大概解释下该参数网,首先创建一个list,取名sections,记录一共有多少个section(一个section存储了CNN一层所需参数);然后创建一个node,该node
```

分区 工作 的第1页