立即休

CSDN新首页上线啦,邀请你来立即体验! (http://blog.csdn.net/) **CSDN** 博客 (//blog.c/s/dn/wwet/Sddef:nett@lied=)toolba学院 (//edu.csdn.net?ref=toolbar) 下载 (//download.csdn.net?ref=toolbar) GitChat (//gitbook.cn/?ref=csdn) 更多▼ ß weixin_3506... ▼ (//my.csdn.net?ref=toolbar) (//write(b/kgitbosskncnét/exo/stitclitat/activity? langb2014 (http://blog.cs... ref=toolhar)source=csdnblog opency:Load Caffe framework models + 关注 ... 原创 2016年01月22日 14:09:37 **4** 6937 (http://blog.csdn.net/langb2014) 这个是怎么编译扩展包的呢? (https://gite 首先在here (https://github.com/Itseez)下载两个包:opencv_contrib (https://github.com/Itseez/opencv_contrib)和opencv (https://github.com/Itseez/opencv) 347 1094 217 utm sourc 然后按照正常的方法把opencv编译好: 他的最新文章 这里的opencv必须要这个链接的版本,我试了一下自己的版本是不可以编译的。 更多文章 (http://blog.csdn.net/langb2014) [cpp] python环境下的yaml使用 (http://blog.c sdn.net/langb2014/article/details/7875 1. cd opencv mkdir build 2. 3. cd build cmake -D CMAKE_BUILD_TYPE=RELEASE -D CMAKE_INSTALL_PREFIX=/usr/local -D WITH_TBB=ON win7(win10)环境下的TensorFlow和Ope D BUILD_NEW_PYTHON_SUPPORT=ON -D WITH_V4L=ON -D INSTALL_C_EXAMPLES=ON nslide安装及测试 (http://blog.csdn.net/l D INSTALL_PYTHON_EXAMPLES=ON -D BUILD_EXAMPLES=ON -D WITH_QT=OFF -D WITH_OPENGL=OFF angb2014/article/details/78423151) D BUILD TIFF=ON ... make -j4 Ubuntu下python3.5报错cannot import 6. sudo make install name 'multiarray' (http://blog.csdn.net/l sudo sh -c 'echo "/usr/local/lib" > /etc/ld.so.conf.d/opencv.conf' angb2014/article/details/78401713) sudo ldconfig 8. 9. echo "OpenCV ready to be used" 先编译安装了opencv然后就是将扩展包编译一下,中途编译时间挺长的。耐心等待.... 相关推荐 扩展包contrib可以直接命令,也可使用cmake-gui编译,cmake-gui的使用参考opency contrib的read.md。 opencv3.3出炉,与深度学习结合更密切 [cpp] (http://blog.csdn.net/HelloHaibo/article/de 1. \$ cd ~/opencv_caffe/build_opencv tails/77714242) 基于深度增加的水验识别驱练系列rtyCauffe DOPENCV_EXTRA_MODULES_PATH=-/opencv_caffe/opencv_contrib/modules ~/opencv_caffe/opencv-+OpenleNdeDalils/524431[26)】如何在Visua master 3. \$ make -j8 caffe安装系列——安装OpenCV (http://bl 编译完成,中途如果有什么错误可以留言,一起探讨。 og.csdn.net/xuezhisdc/article/details/486 然后就是dnn文件加下面的caffe模型加载了。还没有完成linux下面的实现,win7下面实现已经完成。 caffe_googlenet.cpp caffe安装吐血总结 opencv的问题,ubuntu 版本问题 (http://blog.csdn.net/u01306673 0/article/details/53572489) #include <opencv2/dnn.hpp> 1. #include <opencv2/imgproc.hpp> 2. #include <opencv2/highgui.hpp> ď 3. 4. using namespace cv; 5. using namespace cv::dnn; #include <fstream> #include <iostream>

梳理caffe代码math_functions(一) (http://b

log.csdn.net/langb2014/article/details/509

86678)

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```
#include <cstdlib>
<u>...</u>
                           10.
                                using namespace std;
                          11.
                          12.
                                 /* Find best class for the blob (i. e. class with maximal probability) */
                          13.
                                 void getMaxClass(dnn::Blob &probBlob, int *classId, double *classProb)
                          14.
                           15.
                                    Mat probMat = probBlob.matRefConst().reshape(1, 1); //reshape the blob to 1x1000 matrix
                           16.
                                    Point classNumber:
                           17.
                           18.
                                    minMaxLoc(probMat, NULL, classProb, NULL, &classNumber);
                           19.
                                     *classId = classNumber.x;
                           20.
                          21.
                           22.
                                 std::vector<String> readClassNames(const char *filename = "synset_words.txt")
                          23.
                           24.
                                    std::vector<String> classNames;
                           25.
                           26.
                                    std::ifstream fp(filename);
                           27.
                                    if (!fp.is_open())
                           28.
                           29.
                                        std::cerr << "File with classes labels not found: " << filename << std::endl;
                           30
                                        exit(-1);
                           31.
                           32.
                           33.
                                    std::string name:
                           34.
                                    while (!fp.eof())
                           35.
                           36.
                                        std::getline(fp, name);
                           37.
                                        if (name.length())
                                            classNames.push_back( name.substr(name.find(' ')+1) );
                           38.
                           39.
                           40.
                           41.
                                    fp.close();
                           42.
                                    return classNames;
                           43.
                           44.
                           45.
                                 int main(int argc, char **argv)
                           46.
                           47.
                                    String modelTxt = "bvlc_googlenet.prototxt";
                           48.
                                    String modelBin = "bvlc_googlenet.caffemodel";
                           49
                                    String imageFile = (argc > 1) ? argv[1] : "space_shuttle.jpg";
                           51.
                                    //! [Create the importer of Caffe model]
                           52.
                                    Ptr<dnn::Importer> importer;
                           53.
                                                                              //Try to import Caffe GoogleNet model
                           54.
                           55.
                                        importer = dnn::createCaffeImporter(modelTxt, modelBin);
ß
                           56.
                           57.
                                    catch (const cv::Exception &err)
                                                                              //Importer can throw errors, we will catch them
                           58.
                           59.
                                        std::cerr << err.msq << std::endl;
                           60.
                           61.
                                    //! [Create the importer of Caffe model]
                           62.
\odot
                           63.
                                    if (!importer)
                           64.
                           65.
                                        std::cerr << "Can't load network by using the following files: " << std::endl;
                           66.
                                        std::cerr << "prototxt: " << modelTxt << std::endl;
                           67.
                                        std::cerr << "caffemodel: " << modelBin << std::endl;
                           68.
                                        std::cerr << "bylc googlenet.caffemodel can be downloaded here:" << std::endl:
                           69.
                                        std::cerr << "http://dl.caffe.berkeleyvision.org/bvlc_googlenet.caffemodel" << std::end
                           70.
                                        exit(-1);
                           71.
                           72.
                           73.
                                    //! [Initialize network]
                           74.
                                    dnn::Net net;
                           75.
                                    importer->populateNet(net);
                           76.
                                    importer.release();
                                                                             //We don't need importer anymore
```

广告 在线课程 than SINTERN http://www.baidu.com/cb.php?c=lgF_pyfqnHmknjmsnjD0lZ0qnfK9ujYzP1mznWR10Aw-ByはAPI全核正例面5HR1rjfkn100T1YkmhfdmhR1rHcvnjw-PWfd0AwY5HDdnHc3rj0LP1c0lgF_5y9YIZ0lQzq-<u>የታዋና መንግር የተመጀመር የተመደ የተመጀመር የተመጀመር</u> (http://www.baidu.com/cb.php?c=lgF_pyfqnHmknjmsnjc0lZ0qnfK9ujYzP1mznWR10Aw-5Hc4n1RLPWT0TAq15HR1rjfkn100T1YkmhfdmhR1rHcvnjw-T0TAq15H 从正常能工程,所能通常P1c0lgF_5y9YIZ0lQzq-IMT/KVIWL baidu.com/cb GHigh (AN SH Dali He38)0 Emyb20ZFb5HD0mhYqn0KsTWYs0ZNGujYkPHTYn1mk0AqGujYknWb3rjDY0APGujYLnWm4n1c0ULl85H00TZbqnW0v0APzm1YdnHRsrf) 有的?如来去 CELICOTOR BYTEM HITTORY TO THE TOTAL TO THE TOTA (ppp.//www.baidu.com/cb.php?c=lgF_pyfqnHmknjmsnjn0lZ0qnfK9ujYzP1mznWR10Aw-T01TA_015H vfmHldhFl vfmHldhFl vfmHldhFl vfmHldhGapsk#puf(kn100T1YkmhfdmhR1rHcvnjw-PWfd0AwY5HDdnHc3rj0LP1c0lgF_5y9YIZ0lQzq-Sin You County Man (本語) 新語 (中語) 日本語 (中語) SB√17≜1√NBn6KzujYk0AF Proto2014(Prick/41918/E1379326) ₩¥950ZK45HcsP6KWT hnanHnsnH0) Ubuntu14.04安装PyCharm (http://blog.cs dn.net/langb2014/article/details/5116678 2) **14855** 梳理caffe代码layer(五) (http://blog.csdn.n et/langb2014/article/details/50988275) **14796**

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```
79.
          //! [Prepare blob]
 80.
          Mat img = imread(imageFile);
          if (img.empty())
 81.
 82.
              std::cerr << "Can't read image from the file: " << imageFile << std::endl;
 83.
 84.
              exit(-1);
 85.
 86.
 87.
          resize(img, img, Size(224, 224));
                                                  //GoogLeNet accepts only 224x224 RGB-images
 88.
          dnn::Blob inputBlob = dnn::Blob(img); //Convert Mat to dnn::Blob image batch
 89.
          //! [Prepare blob]
 90.
 91.
          //! [Set input blob]
 92.
          net.setBlob(".data", inputBlob);
                                                  //set the network input
 93.
          //! [Set input blob]
 94.
 95.
          //! [Make forward pass]
 96.
                                                  //compute output
          net.forward();
 97.
          //! [Make forward pass]
 98.
 99.
          //! [Gather output]
100.
          dnn::Blob prob = net.getBlob("prob"); //gather output of "prob" layer
101.
102.
           int classId:
103.
104.
          getMaxClass(prob, &classId, &classProb);//find the best class
105.
106.
107.
          //! [Print results]
          std::vector<String> classNames = readClassNames();
108.
109.
           std::cout << "Best class: #" << classId << " '" << classNames.at(classId) << "'" << std::en
110.
          std::cout << "Probability: " << classProb * 100 << "%" << std::endl;
111.
          //! [Print results]
112.
113.
          return 0;
114. } //main
```

关于cpp文件的一些解释

77.

78.

//! [Initialize network]

```
[cpp]
1.
    1、首先下载GoogLeNet model files: bvlc_googlenet.prototxt and bvlc_googlenet.caffemodel
2.
        和 ILSVRC2012类名: synset_words.txt.
3.
4.
5.
     2、导入一个caffe模型接口
        Ptr<dnn::Importer> importer;
8.
        try //Try to import Caffe GoogleNet model
9.
10.
        importer = dnn::createCaffeImporter(modelTxt, modelBin);
11.
12.
        catch (const cv::Exception &err) //Importer can throw errors, we will catch them
13.
14.
        std::cerr << err.msg << std::endl;
15.
16.
    3、通过接口创建和初始化网络
17.
18.
         importer->populateNet(net);
19.
         importer.release(); //We don't need importer anymore
20.
21.
     4、读取一张图片并转换到blob数据存储
22.
        Mat img = imread(imageFile);
        if (img.empty())
23.
24.
```

```
std::cerr << "Can't read image from the file: " << imageFile << std::endl;
25.
26.
         exit(-1);
27.
         resize(img, img, Size(224, 224)); //GoogLeNet accepts only 224x224 RGB-images
28.
29.
         dnn::Blob inputBlob = dnn::Blob(img); //Convert Mat to dnn::Blob image batch
         首先我们resize图片和变换通道顺序,得到224x224x3的图片,然后转换为1x2x224x224b4维blob类型的数据
30.
31.
32.
         将blob输入到网络
33.
         net.setBlob(".data", inputBlob); //set the network input
34.
35.
         In bvlc_googlenet.prototxt the network input blob named as "data", therefore this blob labe
         Other blobs labeled as "name of laver.name of laver output".
36
37.
38.
39.
         net.forward(); //compute output
40.
41.
      During the forward pass output of each network layer is computed, but in this example we need
42.
43.
44.
         dnn::Blob prob = net.getBlob("prob"); //gather output of "prob" layer
45.
         int classId:
46.
         double classProb;
47.
         getMaxClass(prob, &classId, &classProb);//find the best class
48.
         We put the output of "prob" layer, which contain probabilities for each of 1000 ILSVRC2012
49.
      8、输出结果
50.
51.
         std::vector<String> classNames = readClassNames();
52.
         std::cout << "Best class: #" << classId << " '" << classNames.at(classId) << "'" << std::en
         std::cout << "Probability: " << classProb * 100 << "%" << std::endl;
53.
54.
         For our image we get:
55.
56.
             Best class: #812 'space shuttle'
57.
58.
             Probability: 99.6378%
```

由于前一段时间比较忙,没来得及完成现在搞定了。记录一下:

之前编译opency_contrib是在linux下面,每次都会找不到dnn.hpp?很郁闷按照官网教程编译了2天还是不可以,为什么呢?

后来现在被迫在window7下面配置一下了,毕竟官网也是在win7下面的,正好我的win7下面也没有配置caffe,可以试试能否成

功。。。。。。

我的配置环境(win7+opencv3.0+cmake3.3+opencv_contrib+VS2013旗舰版)

因为opencv3.0默认安装中没有加入SIFT、SURF等点特征检测,opencv3的contrib库中才有此方法,欢迎大家与我讨论其他opencv方面的问题。

一、下载安装准备

- opencv3.0.0 下载 Opencv for Windows: http://opencv.org/downloads.html (http://opencv.org/downloads.html)
- OpenCV_contrib 下载 : https://github.com/Itseez/opencv_contrib (https://github.com/Itseez/opencv_contrib)
- cmake_gui下载 Windows (Win32 Installer): http://www.cmake.org/download/ (http://www.cmake.org/download/)

下载对应版本的以上软件:opencv3.0.0可以直接解压,我的路径为D:\opencv3,解压完成后会生成D:\opencv3\opencv的目录形式。

cmake_gui 软件直接安装。OK,现在准备工作就绪。

二、利用CMake编译opencv和opencv_contrib库

- 1. 打开cmake_gui.
- 把opencv/source文件夹中的CMakeLists.txt文件直接拖入cmake_gui中, where is the source code自动选择opencv的安装目录为 D:\opencv/source.
- 3. 更改where to build the binaries 目录,即我们将要编译的目录,我的是:D:\opencv3\opencv\Mybuild
- 4. 点击configure , 点击确定 , 选择默认编译器 , 点击finish。 cmake将开始进行编译 , 如果一切顺利将最后显示Configure Done!表明我们

```
configure完成,在出现的红色区域内找到OPENCV,子目录中找到OPENCV_EXTRA_MODULES_PATH,设置它的值为
                           opency_contrib/modules的绝对路径,在这里我的设置为D:\opency3\opency\sources\modules\opency_contrib\modules(之前把opency_contrib
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                           放在source文件夹外面,编译不成功,所以这里只介绍我的方法)。
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                         5. 可以再红色区域内再次去掉BUILD_OPENCV 和WITH_CUDA等有些硬件不支持的库,再次点击configure,正常情况会成功显示Configure
                           Done! 然后点击Generate生成。
                      三、利用VS编译Debug和Release库
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                         1. 打开D:\opencv3\opencv\mybuild目录下的OpenCV.sln
                         2. 在CMake Target中找到 INSTALL ,在Debug和Release的条件中分别右键选择build ,生成debug和release库,这个过程大概持续10-20分
                         3. 我们会在D:\opencv3\opencv\Mybuild\install文件夹中看到这几个文件目录(生成的一定是x86因为我之前不知道怎么回事,每次自动生成
                           的x64然后后面就出错了,如果想编译x64也是勉强能使用的,遇到"无法找到"XXX.exe"的调试信息,或者调试信息不匹配。未使用调试
                           信息生成二进制文件。"(http://www.itnose.net/detail/167614.html)下面可以试一下)
                      首先打开菜单 项目->项目属性页
                         1。选择 配置属性->链接器->调试->生成调试信息 改为 是
                         2。选择 配置属性->C/C++ ->常规->调试信息格式 改为 用于"编辑并继续"的程序数据库(/ZI)
                         3。选择 配置属性->C/C++ ->优化->优化 改为 禁用(/Od) )
                             [cpp]
                             --bin
                         1.
                         2.
                              --etc
                         3.
                              --include
                         4.
                               --opency
                                --opencv2
                         6.
                             --x86
                         7.
                               --vc10
                         8.
                                  --bin
                                  --lib
                         9.
                        10.
                                  --staticlib
                              --LICENSE
                        11.
                              --OpenCVConfig.cmake
                        12.
                             --OpenCVConfig-version.cmake
                      四、Windows和VS中配置Opencv3
                         1. 添加环境变量PATH D:\opencv3\opencv\Mybuild\install\x86\vc10\bin,记得多个需要用分号(;)隔开。
                         2. 任意建立一个新的工程,打开视图(View)->Other Windows->Property Manager。点击Debug,双击Microsoft.Cpp.Win32.user,在其中设
                           置:(以下设置完成之后,重复2的操作,选择Release,同样方式设置Microsoft.Cpp.Win32.user)
                              1. VC++目录-->包含目录,添加:

    D:\opencv3\opencv\Mybuild\install\include

    D:\opencv3\opencv\Mybuild\install\include\opencv

    D:\opencv3\opencv\Mybuild\install\include\opencv2

                              2. VC++目录-->库目录,添加:
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                                    D:\opencv3\opencv\Mybuild\install\x86\vc12\lib
                              3. 链接器-->输入-->附加依赖项,添加:(里面那个库编译过不去可以删除添加,只要你需要的功能还在就行,Itseez也声明,所有
                                的库不一定编译过去)
                                      opencv_aruco300d.lib
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                                      opencv_bgsegm300d.lib
                                      opencv_bioinspired300d.lib
                                      opencv_calib3d300d.lib
                                      opencv_ccalib300d.lib
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opencv_core300d.lib opencv_dnn300d.lib opencv_face300d.lib opencv_features2d300d.lib opencv_flann300d.lib opencv_highgui300d.lib opencv_imgcodecs300d.lib opencv_imgproc300d.lib opencv_line_descriptor300d.lib opencv_ml300d.lib opencv_objdetect300d.lib opencv_optflow300d.lib opencv_photo300d.lib opencv_reg300d.lib opencv_rgbd300d.lib opencv_saliency300d.lib opencv_shape300d.lib opencv_stereo300d.lib opencv_stitching300d.lib opencv_superres300d.lib opencv_surface_matching300d.lib opencv_video300d.lib opencv_videoio300d.lib opencv_videostab300d.lib opencv_xfeatures2d300d.lib opencv_ximgproc300d.lib opencv_xobjdetect300d.lib opencv_xphoto300d.lib opencv_aruco300.lib opencv_bgsegm300.lib opencv_bioinspired300.lib opencv_calib3d300.lib opencv_ccalib300.lib opencv_core300.lib opencv_dnn300.lib opencv_face300.lib opencv_features2d300.lib opencv_flann300.lib opencv_highgui300.lib opencv_imgcodecs300.lib opencv_imgproc300.lib opencv_line_descriptor300.lib opencv_ml300.lib opencv_objdetect300.lib opencv_optflow300.lib opencv_photo300.lib opencv_reg300.lib

opencv_rgbd300.lib

http://blog.csdn.net/langb2014/article/details/50555910

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opencv_stitching300.lib
                 opencv_superres300.lib
                 opency surface matching300.lib
                opency video300.lib
                 opency videoio300.lib
                 opency videostab300.lib
                 opency xfeatures2d300.lib
                opencv_ximgproc300.lib
                opencv_xobjdetect300.lib
                 opencv_xphoto300.lib
五、遇到相关问题及解决方法
"无法启动此程序,因为计算机中丢失opencv_core300.dll或opencv_core300d.dll。请尝试重新安装改程序已解决此问题"
解决:只将该dll文件拷贝到C:\Windows\System32或者C:\Windows\SysWOW64是不行的,执行:regsvr32
C:\Windows\System32\opencv_core300d.dll,会报错。我是把dll文件拷贝到C:\Windows\SysWOW64中执行 regsvr32
C:\Windows\SysWOW64\opencv_core300d.dll就好了。
解决:如果中途遇到下载失败,可以百度相应的版本,然后去github上下载,然后放在download里面就可以了。
我的项目中cpp代码
       #include "stdafx.h"
       #include <opencv2/dnn.hpp>
       #include <opencv2/imgproc.hpp>
       #include <opencv2/highgui.hpp>
        using namespace cv;
        using namespace cv::dnn;
        #include <fstream>
        #include <iostream>
        #include <cstdlib>
        using namespace std;
        /^{*} Find best class for the blob (i. e. class with maximal probability) ^{*}/
        void getMaxClass(dnn::Blob &probBlob, int *classId, double *classProb)
            Mat probMat = probBlob.matRefConst().reshape(1, 1); //reshape the blob to 1x1000 matrix
           Point classNumber;
            minMaxLoc(probMat, NULL, classProb, NULL, &classNumber);
            *classId = classNumber.x;
        std::vector<String> readClassNames(const char *filename = "D:\\loadcaffe_model\\opencv3\\openc
            std::vector<String> classNames;
            std::ifstream fp(filename);
            if (!fp.is_open())
                std::cerr << "File with classes labels not found: " << filename << std::endl;
                exit(-1);
            std::string name;
            while (!fp.eof())
                std::getline(fp, name);
                if (name.length())
```

opencv_shape300.lib opencv_stereo300.lib

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8.

9.

10.

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12. 13.

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15. 16.

17.

18. 19.

20.

21. 22.

23. 24. 25.

26. 27.

28.

29. 30.

31.

32. 33. 34.

35.

36. 37.

38.

[cpp]

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```
39.
                   classNames.push_back(name.substr(name.find(' ') + 1));
  40.
 41.
 42.
           fp.close();
  43.
           return classNames;
 44.
 45.
 46.
       int main(int argc, char **argv)
 47.
 48.
           String modelTxt = "D:\\loadcaffe_model\\opencv3\\opencv\\sources\\modules\\opencv_contrib\\
 49.
           String modelBin = "D:\\loadcaffe_model\\opencv3\\opencv\\sources\\modules\\opencv_contrib\\i
  50.
           String imageFile = (argc > 1) ? argv[1] : "D:\\loadcaffe_model\\opencv3\\opencv\\sources\\m
 51.
  52.
           //! [Create the importer of Caffe model]
 53.
           Ptr<dnn::Importer> importer;
 54.
           try
                                                   //Try to import Caffe GoogleNet model
  55.
 56.
               importer = dnn::createCaffeImporter(modelTxt, modelBin);
  57.
  58.
           catch (const cv::Exception &err)
                                                    //Importer can throw errors, we will catch them
  59.
  60.
               std::cerr << err.msg << std::endl;
 61.
  62.
           if (!importer)
  63.
  64.
               std::cerr << "Can't load network by using the following files: " << std::endl;
  65.
               std::cerr << "prototxt: " << modelTxt << std::endl;
               std::cerr << "caffemodel: " << modelBin << std::endl;
  66.
  67.
               std::cerr << "bvlc_googlenet.caffemodel can be downloaded here:" << std::endl;
  68.
               std::cerr << "http://dl.caffe.berkeleyvision.org/bvlc_googlenet.caffemodel" << std::end
  69.
 70.
  71.
           //! [Initialize network]
 72.
           dnn::Net net;
  73.
           importer->populateNet(net);
 74.
           importer.release();
                                                  //We don't need importer anymore
 75.
           Mat img = imread(imageFile);
  76.
           if (img.empty())
 77.
  78.
               std::cerr << "Can't read image from the file: " << imageFile << std::endl;
 79.
               exit(-1);
  80.
 81.
           resize(img, img, Size(224, 224));
                                                  //GoogLeNet accepts only 224x224 RGB-images
 82.
           dnn::Blob inputBlob = dnn::Blob(img); //Convert Mat to dnn::Blob image batch
  83.
 84.
           net.setBlob(".data", inputBlob);
                                                  //set the network input
  85.
  86.
           net.forward();
                                                  //compute output
 87.
           dnn::Blob prob = net.getBlob("prob"); //gather output of "prob" layer
 88.
  89.
  90
           double classProb:
  91.
           getMaxClass(prob, &classId, &classProb);//find the best class
 92.
           //! [Gather output]
 93.
 94.
 95.
           std::vector<String> classNames = readClassNames();
           std::cout << "Best class: #" << classId << " '" << classNames.at(classId) << "'" << std::en
 97.
           std::cout << "Probability: " << classProb * 100 << "%" << std::endl;
  98.
           //! [Print results]
 99.
           system("PAUSE");
 100.
           return 0;
101. } //main
下面是我测试加载的结果
```

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Attempting to upgrade input file specified using deprecated VilayerParameter: D:\loadcaffe_model\openrv3\copenr

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相关文章推荐

opencv3.3出炉,与深度学习结合更密切 (http://blog.csdn.net/HelloHaibo/article/details/777...

opencv3.3在八月3号发布,日志中说到: The main news is that we promoted DNN module from opencv_contrib to the ma i...

→ HelloHaibo (http://blog.csdn.net/HelloHaibo) 2017年08月30日 13:16 □1295

基于深度学习的人脸识别系统系列(Caffe+OpenCV+Dlib)——【一】如何在Visual Studio中...

前言基于深度学习的人脸识别系统,一共用到了5个开源库:OpenCV(计算机视觉库)、Caffe(深度学习库)、Dlib(机器学习库)、libfacedetection(人脸检测库)、cudnn(gpu...

Mr_Curry (http://blog.csdn.net/Mr_Curry) 2016年09月05日 20:35 □ 12886

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程序员该学Python吗?90%的码农这么说!

日前我们被一条消息刷屏:我国的程序员更爱Python。 一石激起千层浪,身边的程序员对待 Python究 竟是何种态度?他们是这么说...

(http://www.baidu.com/cb.php?c=IgF_pyfgnHmknjnvPjc0IZ0gnfK9ujYzP1f4PjDs0Aw-

5Hc3rHnYnHb0TAq15HfLPWRznjb0T1YYrj63P1ndn1K9uj6znjT40AwY5HDdnHc3rj0LP1D0IgF 5y9YIZ0IQzquZR8mLPbUB48ugfElAqspynETZ-YpAq8nWqdlAdxTvqdThP-

5yF UvTkn0KzujYk0AFV5H00TZcqn0KdpyfqnHRLPjnvnfKEpyfqnHc4rj6kP0KWpyfqP1cvrHnz0AqLUWYs0ZK45HcsP6KWThnqrHf)

caffe安装系列——安装OpenCV (http://blog.csdn.net/xuezhisdc/article/details/48691797)

说明 网上关于caffe的安装教程非常多,但是关于每一步是否操作成功,出现了什么样的错误又该如何处理没有给出说明。因 为大家的操作系统的环境千差万别,按照博客中的教程一步步的安装,最后可能失败——这是很..



xuezhisdc (http://blog.csdn.net/xuezhisdc) 2015年09月24日 09:19
Ш14439

caffe安装吐血总结 opency的问题,ubuntu版本问题 (http://blog.csdn.net/u013066730/article...

转自: http://blog.csdn.net/caozhantao/article/details/51479172 这周安装了caffe的windows版本和Linux版本,依赖关系太 多,如...



6 u013066730 (http://blog.csdn.net/u013066730) 2016年12月11日 12:28 □ 5562

深度学习(五)caffe环境搭建(http://blog.csdn.net/GarfieldEr007/article/details/50580846)

ubuntu 系统下的Caffe环境搭建 原文地址: http://blog.csdn.net/hjimce/article/details/48781693 作者: hjimce 对于caffe的系





人人都能看懂的 AI 入门课

本课程将讲述人工智能的现状、应用场景和入门方法,并通过运用 TensorFlow,使得受众能清晰了解 人工智能的运作方式。

(http://www.baidu.com/cb.php?c=IgF_pyfqnHmknjfzrjc0IZ0qnfK9ujYzP1f4Pjn10Aw-

5Hc4nj6vPjm0TAq15Hf4rjn1n1b0T1YdPHDLPvnzrj7WuhP-

uAPW0AwY5HDdnHc3rj0LP1c0lgF_5y9YIZ0lQzqMpgwBUvqoQhP8QvIGIAPCmgfEmvq_lyd8Q1R4uWI-

n16kPWKWrHnvnHRvnvNBuyD4PHqdIAdxTvqdThP-

5HDknWFWmhkEusKzujYk0AFV5H00TZcqn0KdpyfqnHRLPjnvnfKEpyfqnHnsnj0YnsKWpyfqP1cvrHnz0AqLUWYs0ZK45HcsP6KWThnqPWD1njR)

【深度学习】 Ubuntu16.04 caffe Opencv2.4.13 GPU环境配置 (http://blog.csdn.net/sinat_1...

接触ubuntu系统有半个多月了,反反复复配置了很多次caffe,在此记录下配置经验。 个人电脑情况: Ubuntu16.04LTS 64bit 含有NVIDIA 显卡配置步骤: 第一步:基本...



śinat_17196995 (http://blog.csdn.net/sinat_17196995) 2016年12月05日 16:23
 □5433

Ubuntu16.04下Caffe环境搭建: cuda8.0 + opencv3.2.0 (http://blog.csdn.net/u013527937/a...

按照:http://blog.csdn.net/wopawn/article/details/52302164 上面的步骤,几乎没有任何问题但是在执行: sudo apt-get instal Hi...

.

● u013527937 (http://blog.csdn.net/u013527937) 2017年02月15日 20:54 1942

caffe+cuda6.5+cudnn7.0+opencv3.0搭建经验记录 (http://blog.csdn.net/Lee_J_R/article/de...

前言 因为最近需要用到caffe平台,于是自己试着搭一搭,这一搭就是三天,其中遇到很多的挫折,重装系统也不是2.3次的事 了。趁着心情还在把这个过程中遇到的一些事和问题记录下来,一来方便以后再搭或者帮别..

[caffe] OpenCV Load caffe model (http://blog.csdn.net/guduruyu/article/details/760060...

上一篇,我们介绍了opency contrib中的模块在windows下的编译,也提到了其中的dnn模块可以读取caffe的训练模型用于目 标检测,这里我们具体介绍一下如何使用dnn读取caffe模型并...

Maguduruyu (http://blog.csdn.net/guduruyu) 2017年07月24日 11:46 以1364

opency findcontour查找最大的内轮廓 (http://blog.csdn.net/hust_bochu_xuchao/article/de...

问题是怎么来的呢 比如输入一幅图像,往往需要我们找最大的轮廓,如果是仅仅是查找最大的轮廓,那么问题也比较简 单了,直接找出所有的轮廓,然后根据轮廓的面积,遍历查找出最大的轮廓即可。如果是找...

| hust_bochu_xuchao (http://blog.csdn.net/hust_bochu_xuchao) | 2016年07月15日 16:23 | 皿6840

caffe的搭建过程以及遇上的各种问题的汇总 (http://blog.csdn.net/huangjx07/article/details/5...

Caffe的搭建过程以及遇上的各种问题的汇总: ubuntu15.04+CUDA7.5+opencv3.0.0+python2.7 整个搭建过程参考 http://blo g.csdn.net/ubun...

─ huangjx07 (http://blog.csdn.net/huangjx07) 2016年09月21日 14:47 □ 850

ubuntu 安装HDF5 ,torch-hdf5 , loadcaffe等 (http://blog.csdn.net/lsh894609937/article/det...

1.安装hdf5 下载hdf5-1.8.18.tar.gz tar -xzf hdf5-1.8.18.tar.gz cd hdf5-1.8.18 根据cmake patch.txt中的说明,将...

OpenCV dnn模块支持Caffe (http://blog.csdn.net/BBZZ2/article/details/52535840)

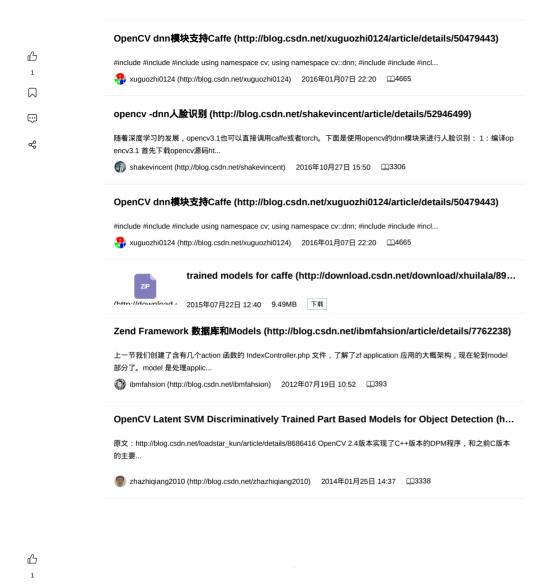
#include #include using namespace cv; using namespace cv::dnn; #include #in

■ BBZZ2 (http://blog.csdn.net/BBZZ2) 2016年09月14日 10:51 □1142

opencv的dnn解析 (http://blog.csdn.net/langb2014/article/details/51286828)

在学习过caffemodel加载之后,回头看看这个dnn里面都编译了哪些函数? 先看blob头文件: #ifndef OPENCV DNN DN N_BLOB_HPP__ #define __OPE...

Iangb2014 (http://blog.csdn.net/langb2014) 2016年05月06日 22:09 □5194



http://blog.csdn.net/langb2014/article/details/50555910