问题1：

ERROR: Analysis of target '//tensorflow/examples/label\_image:label\_image' failed; build aborted: error loading package 'tensorflow': Encountered error while reading extension file 'protobuf.bzl': no such package '@protobuf\_archive//': Traceback (most recent call last):

File "/home/1/tensorflow/tensorflow-master/third\_party/repo.bzl", line 81

\_apply\_patch(ctx, ctx.attr.patch\_file)

File "/home/1/tensorflow/tensorflow-master/third\_party/repo.bzl", line 48, in \_apply\_patch

fail("patch command is not found, ple...")

patch command is not found, please install it.

解决方案：安装patch

sudo yum install patch

问题2：

ERROR: /home/1/tensorflow/tensorflow-master/tensorflow/core/BUILD:1503:1: C++ compilation of rule '//tensorflow/core:lib\_hash\_crc32c\_accelerate\_internal' failed (Exit 1).

gcc: error trying to exec 'cc1plus': execvp: No such file or directory

解决方案：

Sudo yum install gcc-c++ （经常网络不好而失败，但是运气好的话能成功安装）

问题3：

ERROR: /home/1/tensorflow/tensorflow-master/tensorflow/core/BUILD:1652:1: Executing genrule //tensorflow/core:version\_info\_gen failed (Exit 1).

/bin/bash: tensorflow/tools/git/gen\_git\_source.py: Permission denied

解决方案：

you could just try changing tensorflow/tools/git/gen\_git\_source.py first line (starts with #! to be 使用中的python的路径（which python 需要在anaconda环境中）

问题4：

ERROR: tensorflow/tensorflow/contrib/lite/toco/BUILD:158:1: C++ compilation of rule '//tensorflow/contrib/lite/toco:graph\_transformations' failed (Exit 1)

In file included from external/gemmlowp/public/../internal/dispatch\_gemm\_shape.h:20:0,

from external/gemmlowp/public/gemmlowp.h:19,

from ./tensorflow/contrib/lite/kernels/internal/common.h:48,

from ./tensorflow/contrib/lite/toco/runtime/types.h:18,

from ./tensorflow/contrib/lite/toco/model.h:25,

from ./tensorflow/contrib/lite/toco/graph\_transformations/graph\_transformations.h:23,

from tensorflow/contrib/lite/toco/graph\_transformations/identify\_l2\_pool.cc:20:

external/gemmlowp/public/../internal/../internal/kernel\_default.h:88:2: error: #error "SIMD not enabled, you'd be getting a slow software fallback. Consider enabling SIMD extensions (for example using -msse4 if you're on modern x86). If that's not an option, and you would like to continue with the slow fallback, define GEMMLOWP\_ALLOW\_SLOW\_SCALAR\_FALLBACK."

#error \

^

Target //tensorflow/python/tools:freeze\_graph failed to build

Use --verbose\_failures to see the command lines of failed build steps.

解决方案：

bazel build -c opt --copt=-msse4.1 --copt=-msse4.2 tensorflow/examples/image\_retraining:retrain

问题5：

error: Your local changes to the following files would be overwritten by checkout:

tensorflow/tools/git/gen/branch\_ref

tensorflow/tools/git/gen/head

tensorflow/tools/git/gen/spec.json

Please, commit your changes or stash them before you can switch branches.

解决方案：

方案一：Discard the local changes（放弃本地更改）

git reset –hard

方案二：Commit the change using

git commit -m "My message"

方案三：Stash（隐藏） it.

Stashing acts as a stack, where you can push changes, and you pop （抛出）them in reverse order.

To stash type:

git stash

Do the merge, and then pull the stash:

git stash pop

问题6：

Your CPU supports instructions that this TensorFlow binary was not compiled to use: SSE4.1 SSE4.2 AVX

解决方案：在tensorflow 仓库目录下：

bazel build -c opt --copt=-mavx --copt=-mavx2 --copt=-mfma --copt=-mfpmath=both --copt=-msse4.2 -k //tensorflow/tools/pip\_package:build\_pip\_package

问题7：

bazel-bin/tensorflow/tools/pip\_package/build\_pip\_package: line 161: tools/python\_bin\_path.sh: No such file or directory