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# 从入门到放弃

冰冻三尺,非一日之寒







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Machine Learning (33)

	Description	
f e a t u r e s	List of features. Default is the empty list.  Features on a rule modify the features currently enabled on the package level via the features attribute.  For example, if the features ['a', 'b'] are enabled on the package level, and a rule features attribute contains ['-a', 'c'], the features enabled for the rule will be 'b' and 'c'.	
l i c e n s e	List of strings; optional  A list of license-type strings to be used for this particular build rule. Overrides the BUILD-file scope defaults defined by the licenses() directive.	
d a t a	List of labels; optional The list of files needed by this rule at runtime.  Targets named in the data attribute will appear inthe *.runfiles area of this include data files needed by a binary or library, or otherprograms needed by it. section for moreinformation about how to depend on and use data files.  Almost all rules permit a data attribute, but wherethis attribute is not allowed, thespecific rule.	
v i s i b	List of labels; optional;default default_visibility frompackage if specified, else private  The visibility attribute on a rule controls whetherthe rule can be used by other packages. Rules are always visible toother rules declared in the same package.  There are five forms (and one temporary form) a visibility label can take:	

```
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```

```
阅读排行
```

linux记录系统中常用重要的lo... (23378)

```
Description
```

i

t

У

- ["//visibility:public"]: Anyone can use this rule.
- ["//visibility:private"]: Only rules in this packagecan use this rule. Rules injavatests/fo o/barcan always use rules in java/foo/bar.
- ["//some/package:\_\_pkg\_\_", "//other/package:\_\_pkg\_\_"]:Only rules insome/package a nd other/package(defined in some/package/BUILD andother/pac this rule. Note that sub-packages do not have access to the rule; for exame bar or//other/package/testing:bla wouldn't have access.\_\_pkg\_\_ is a special target and mus to be used verbatim. It represents all of the rules in the package.
- ["//project:\_\_subpackages\_\_", "//other:\_\_subpackages\_\_"]:Only rules in packagespr oject or other orin one of their sub-packages have access to this rule. (ample,//project:rule,//project/library:lib or//other/testing/internal:munyeare allowed to depend onth is rule (but not//independent:evil)
- ["//some/package:my\_package\_group"]: A package group is a named set of package names. Package groups can also grant access rights to entire subtrees, e.g.//myproj/....

The visibility specifications of//visibility:public and //visibility:privatecan not be combined with any other visibility specifications. A visibility specification may contain a combination of package labels(i.e.//foo:\_\_pkg\_\_) and package\_groups.

If a rule does not specify the visibility attribute, the default\_visibility attribute of the package statement in the BUILD file containing the rule is used (except exports\_files).

If the default visibility for the package is not specified, the rule is private.

### Example:

```
File //frobber/bin/BUILD:
```

```
# This rule is visible to everyone
cc_binary(
    name = "executable",
    visibility = ["//visibility:public"],
    deps = [":library"],
)
```

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Deconvolutional N...

langb2014 : [reply]qq\_33083519[/reply] 已发送

opencv的dnn解析

caiyic : [reply]zhangruyu[/reply] 请问,这个问题有答案了嘛?

....

Deconvolutional N...

**我搬的不是砖而是瓦**:楼主,求代码。373805562 @qq.com

caffe中HDF5层及数据生成

xiaoyangsichuan : 博主请问一下,你有已经转好了的modelnet10的.h5的文件吗,急求,谢谢了

Deconvolutional N...

langb2014 : [reply]u013422403[/reply] 请查收

Deconvolutional N...

langb2014 : [reply]TK9194[/reply] 请查收

Deconvolutional N...

langb2014 : [reply]u013502138[/reply] 请查收

Deconvolutional N...

langb2014 : [reply]peiheng90[/reply] 请查收

Deconvolutional N...

langb2014 : [reply]To\_Be\_The\_One[/reply] 请查收

Deconvolutional N...

```
Description
# This rule is visible only to rules declared in the same package
cc library(
    name = "library",
    visibility = ["//visibility:private"],
# This rule is visible to rules in package //object and //noun
cc_library(
                                                            닜
    name = "subject",
    visibility = [
                                                            \Box
        "//noun:__pkq__",
        "//object:__pkg___",
    ],
# See package group "//frobber:friends" (below) for who can
# access this rule.
cc_library(
    name = thingy,
    visibility = ["//frobber:friends"],
File //frobber/BUILD:
# This is the package group declaration to which rule
# //frobber/bin:thingy refers.
# Our friends are packages //frobber, //fribber and any
# subpackage of //fribber.
package_group(
    name = "friends",
```

To\_Be\_The\_One : [reply]u011713358[/reply] 你好, 文章中的链接失效,能将 Deconvol...

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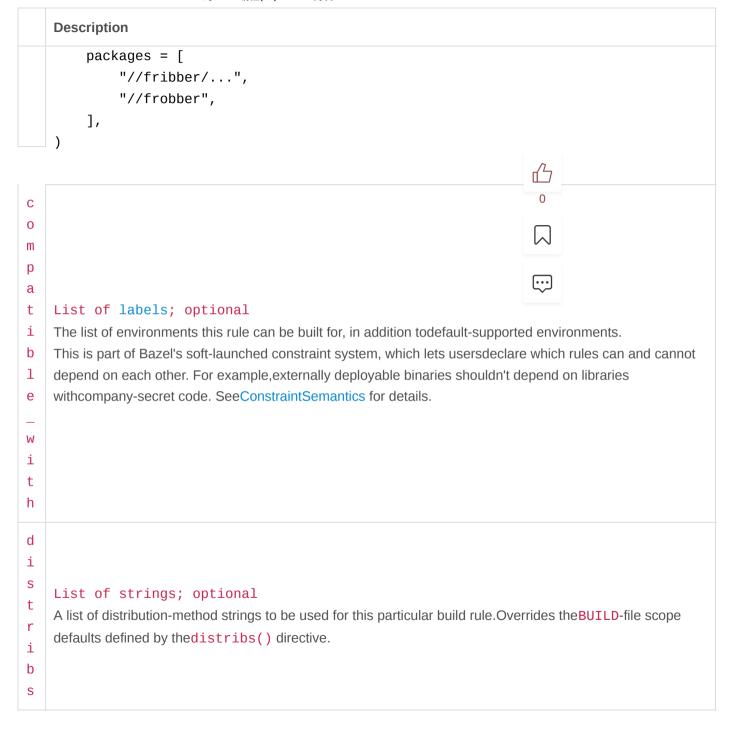
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### **Description**

### List of labels; optional

A list of dependencies of this rule.

The precise semantics of what it means for this rule to depend onanother using deps are specific to the kind of this rule, and the rule-specific documentation below goes into more detail. At a minimum, though, the targets named viadeps willappear in the \*.runfiles area of this rule, if it has no an another using deps are specific to the kind of this rule, and the rule-specific documentation below goes into more detail. At a minimum, though, the

Most often, a deps dependency is used to allow one module to use symbols de in another module written in the same programming language and separately compiled. Cross-language dependencies are also permitted in many cases: for example, a java\_library rule may depend on C · · · - de ina cc\_library rule, by declaring the latter in the deps attribute. See the definition of dependent of representation.

Almost all rules permit a deps attribute, but where this attribute is not allowed, this fact is documented under the specific rule.

### String; optional

An explanatory warning message associated with this rule. Typically this is used to notify users that a rule

has become obsolete, or has become superseded by another rule, is private to a package, or isperhaps

p considered harmful for some reason. It is a good idea to includesome reference (like a webpage, a bug

number or example migration CLs) sothat one can easily find out what changes are required to avoid the

message. If there is a new target that can be used as a drop in replacement, it is agood idea to just migrate

all users of the old target.

This attribute has no effect on the way things are built, but itmay affect a build tool's diagnostic output. The

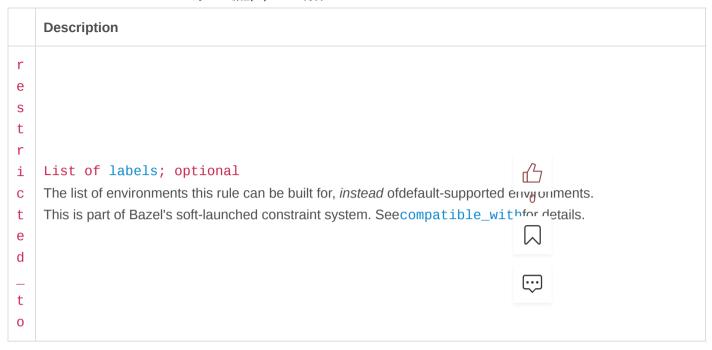
build tool issues awarning when a rule with adeprecation attribute isdepended upon by another rule.

Intra-package dependencies are exempt from this warning, so that, for example, building the tests of a

deprecated rule does notencounter a warning.

If a deprecated rule depends on another deprecated rule, no warningmessage is issued.

Once people have stopped using it, the package can be removed.



### Description

List of arbitrary text tags. Tags may be any valid string; default is the empty list.

Tags can be used on any rule. Tags on test and test\_suite rules are useful for categorizing the tests. Tags on non-test rules are used to control sandboxed execution of genrules and Skylark actions, and for parsing by humans and/or external tools.

Bazel modifies the behavior of its sandboxing code if it finds the following keyv n the tags attribute of any test rule or genrule, or the keys of execution\_requirements for any Skylark action.

- local keyword results in the action or test never being run remotely or ir s and tests, marking the rule with the local = 1 attribute has the same
- block-network keyword blocks access to the external network from ins e sandbox. In this case, only communication with localhost is allowed.

Tags on tests are generally used to annotate a test's role in your debug and release process. Typically, tags are most useful for C++ and Python tests, which lack any runtime annotation ability. The use of tags and size elements gives flexibility in assembling suites of tests based around codebase check-in policy.

Bazel modifies test running behavior if it finds the following keywords in the tags attribute of the test rule:

- exclusive keyword will force the test to be run in the "exclusive" mode, ensuring that no other tests a re running at the same time. Such tests will be executed in serial fashion after all build activity and non-exclusive tests have been completed. They will also always run locally and thus without sandboxing.
- manual keyword will force the test target to not be included in target pattern wildcards (...,:\*, :all, etc); the test target will be neither built nor run. It will also be ignored by thetest\_suite rules that do not mention this test explicitly. The only way to build or run such a test is to specify it via an explicit targ et pattern on the command line.
- external keyword will force test to be unconditionally executed (regardless of--cache\_test\_results value).

t a g

# Boolean; optional; default 0 except as noted If 1, only testonly targets (such as tests) can depend on this target. Equivalently, a rule that is not testonly is not allowed todepend on any rule that istestonly. Tests (\*\_test rules)and test suites (test\_suite rules)aretestonly by default. This attribute is intended to mean that the target should not becontained in binaries that are released to production. Because testonly is enforced at build time, not run time, and propagatesvirally through the dependency tree, it should be applied judiciously. Forexample, stubs and fakes thatare useful for the tests may also be useful for integration tests involving the same binaries that will be released to product for integration tests involving the same binaries that will be released to product for integration tests involving the same binaries that will be released to product for integration tests involving the same binaries that will be released to product for integration tests involving the same binaries that will be released to product for integration tests involving the same binaries that will be released to product for integration tests involving the same binaries that will be released to product for integration tests involving the same binaries that will be released to product for integration tests involving the same binaries that will be released to product for integration tests involving the same binaries that will be released to product for integration tests involving the same binaries that will be released to product for integration tests involving the same binaries that will be released to product for integration tests involving the same binaries that will be released to product for integration tests involving the same binaries that will be released to product for integration tests involving the same binaries that will be released to product for integration tests involving the same binaries that will be released to product for integration tests involving the same binaries that will be released to product for

### visibility是一个重要参数。

### 有几个函数:

### 例如:

1, load("//tools/build\_rules:build\_test.bzl", "build\_test")

build\_test(name = ...)

2、package(default\_deprecation, default\_testonly, default\_visibility, features)

package(default\_visibility = ["//foo:target"])

3、package\_group(name, packages, includes)

```
package_group(
  name = "tropical",
  packages = [
     "//fruits/mango",
     "//fruits/orange",
     "//fruits/papaya/...",
The following declarations specify the package groups of a fictional application:
package_group(
  name = "fooapp",
  includes = [
     ":controller",
     ":model",
     ":view",
package_group(
  name = "model",
  packages = ["//fooapp/database"],
package_group(
  name = "view",
  packages = [
     "//fooapp/swingui",
     "//fooapp/webui",
```

```
package_group(
    name = "controller",
    packages = ["//fooapp/algorithm"],
)

4. licenses(license_types)

restricted

Requires mandatory source distribution.

reciprocal

...
```

Allows usage of software freely inunmodified form. Any modifications must be made freely available.

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### permissive

Code that is under a license but does not require a notice.

### unencumbered

Public domain, free for any use.

5、exports\_files([label, ...], visibility, licenses)

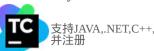
```
exports_files(["golden.txt"])
6, glob(include, exclude=[], exclude_directories=1)
java_library(
  name = "mylib",
  srcs = glob(["*.java"]) + [":gen_java_srcs"],
  deps = "...",
genrule(
  name = "gen_java_srcs",
  outs = [
     "Foo.java",
     "Bar.java",
sh_test(
  name = "mytest",
  srcs = ["mytest.sh"],
  data = glob(
    ["testdata/*.txt"],
     exclude = ["testdata/experimental.txt"],
java_library(
  name = "mylib",
  srcs = glob(
    ["**/*.java"],
```

 $\overline{\Box}$ 

```
exclude = ["**/testing/**"],
sh_test(
  name = "mytest",
  srcs = ["mytest.sh"],
  data = glob(["testdata/**/*.txt"]),
# Conveniently, the build language supports list comprehensions.
[genrule(
  name = "count_lines_" + f[:-3], # strip ".cc"
  srcs = [f],
  outs = ["%s-linecount.txt" % f[:-3]],
  cmd = "wc -l $< >$@",
) for f in glob(["*_test.cc"])]
$ bazel query '//foo:all' | sort
//foo:count_lines_a_test
//foo:count_lines_b_test
//foo:count_lines_c_test
7、
select(
  {conditionA: valuesA, conditionB: valuesB, ...},
  no_match_error = "custom message"
sh_binary(
  name = "myrule",
  srcs = select({
```

```
":conditionA": ["myrule_a.sh"],
    ":conditionB": ["myrule_b.sh"],
    "//conditions:default": ["myrule_default.sh"]
  })
config_setting(
  name = "windows",
  values = {
    "crosstool_top": "//crosstools/windows",
  },
cc_binary(
  name = "multiplatform_app",
  linkopts = select({
    ":windows": [
       "-Wl,windows_support1.lib",
       "-Wl,windows_support2.lib",
    "//conditions:default": [],
8、 workspace(name = "com_example_project")
                     Tensorflow的Bazel编程(二)
           上一篇
                     Tensorflow的Bazel编程(四)
           下一篇
```

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### Tensorflow C++ 编译和调用图模型



rockingdingo 2017年07月19日 23:00 🔘 15414

最近在研究如何打通tensorflow线下python脚本训练建模,线上生产环境用C++代码直接调用预先训练好的模型完成预 测的工作,而不需要用自己写的Inference的函数。因为目前tensorfl...

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# 源码安装TensorFlow问题总结



idwtwt 2016年08月27日 00:08 🕮 4767

1.按教程: bazel build -c opt --jobs 1 //tensorflow/cc:tutorials\_example\_trainer 出现 INFO: Reading option...

## Bazel入门:编译C++项目



官网:https://www.bazel.build Github: https://github.com/bazelbuild/bazel最近用到tensorflow的时候遇到了个新的编译工 具Ba...

# Tensorflow的Bazel编程(一)



在了解Bazel先看一下 Google Bazel原理篇: Google分布式构建软件之第一部分:访问,,,,,,,,,,,,,,, Google分布式构建软件之 第二部分:构建系统如何工作 Google分布式构建软件之第三...



### 码农不会英语怎么行?英语文档都看不懂!





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# Tensorflow的Bazel编程(二)



Maima1998 2017年07月26日 16:22 🕮 188

转自:http://blog.csdn.net/langb2014/article/details/54312697 安装官网:https://bazel.build/versions/ma...

# Tensorflow的Bazel编程(二)



Mangb2014 2017年01月10日 13:38 🕮 4231

安装官网: https://bazel.build/versions/master/docs/tutorial/java.html Build Java 创建一个java项目,然后cd/home/...

# Tensorflow的Bazel编程(五)



**langb2014** 2017年01月10日 20:26 🔘 1495

只了解一下常用的这几种语言的Rules,这一篇是python的rules。py\_binary py\_binary(name, deps, srcs, data, args, compat i...

# Bazel (google自动化构建工具)



qq\_15807167 2017年04月15日 15:19 🔘 676

Bazel 是Google开源出来进行自动化构建工具,相比传统的Makefile,Ant或者Maven,Bazel在速度,可伸展性,灵活性 以及对不同程序语言和平台上支持都要更加出色。 Bazel ...

# Window10 + tensorflow 安装 (解决Error importing tensorflow, anless you are us...

windows 10 安装 tensorflow



hit1524468 2017年03月26日 15:14 🔘 2330





### tensorflow 之 bazel安装 & 使用



u010700335 2017年04月06日 19:14 🔘 25647

写在文章前面: 当一个人从一个领域跨到另一个领域的时候会面临很大的改变,理论不同了,方法变换了,遇到这样

挑战的时候,很多人都需要长时间去适应和习惯;这种领域的转换其实有三种,一种是理论的改变,一种是方...

# Hadoop大数据培训课程

hadoop大数据

百度广告

### 如何编译运行tensorflow的demo



movimovi123 2017年08月06日 14:02 🚨 1308

1.安装编译工具bazel,具体可以参照官方教程。 https://docs.bazel.build/versions/master/install-ubuntu.html 2. 配置tensor...

# Tensorflow学习笔记: Debugging 调试Tensorflow 程序

调试Tensorflow程序 TensorFlow 调试器(tfdbg) 是专门为TensorFlow定制的调试器。在训练或推理的过程中能够让你看 到流图的内部结构及状态,由于tensorflow的计...



w010312436 2017年11月30日 10:53 🕮 910

# Controlling Symbol Visibility (在C/C++中控制符号的可见性)



摘要:在apple的文档中发现一篇关于符号可见性介绍的好文《Controlling Symbol Visil 部分顺带翻译下。...





# Tensorflow的Bazel编程(三)



Mangb2014 2017年01月10日 16:18 🕮 1666

里面的一些规则简单了解一下: BUILD的一般规则: Attribute Description features List of features. Default is th...

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# Bazel 安装及遇到的问题



luoyi131420 2017年11月20日 20:03 🔘 1187



bazel支持的平台有Ubuntu Linux、Mac OS X、Windows等,本文基于Ubuntu14.04下的bazel,其它平台的安装参考官网 安装教程。 Bazel安装 1.先安...

# Tensorflow的Bazel编程(四)



**langb2014** 2017年01月10日 20:22 🕮 1506

C/C++ Rules cc\_binary(name, deps, srcs, data, args, compatible\_with, copts, defines, deprecation,...

## 在linux (centos)上从源码安装tensorflow



mafeiyu80 2016年05月13日 19:16 🔘 7901

我参考英文文档在centos7虚拟机上安装了tensorflow: https://github.com/tensorflow/tensorflow/blob/master/tensorflow/g...



### Tensorflow在windows7下的安装





折腾了一天,终于把Tensorflow装好了。参照多篇教程,走了一些弯路,也是不容易。之之这次安装,得到的启示就 是,还是用Linux吧说一下我的安装过程吧,我的电脑是windows7系统,64位。1...



# linux下使用bazel编译tensorflow安卓源码



**Wilke\_MFY** 2017年12月13日 10:45 🖺 156

决定学习tensorflow了,听了实验室同学的建议,安装个linux系统,然后先把安卓源码编译一下。安装AnacondaAnaco nda集成了python、tensorflow、spyder(pyt...