

# 如何让别人在gradle中直接compile你的开源库



jeff\_sun (/u/3c128613a202) [+ 关注](#)

2017.05.09 16:47\* 字数 656 阅读 221 评论 4 喜欢 8

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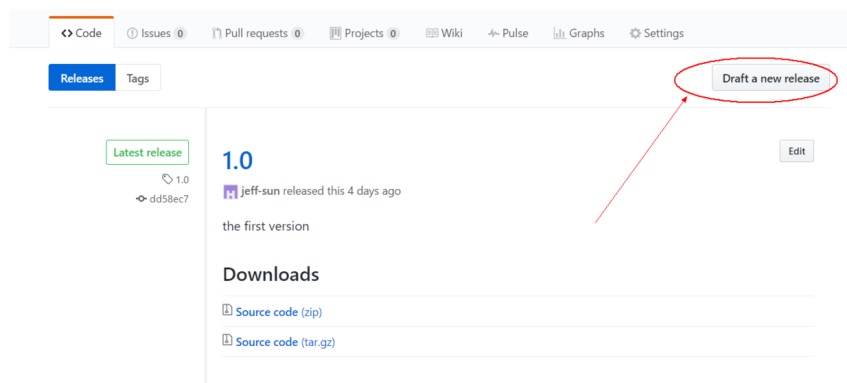
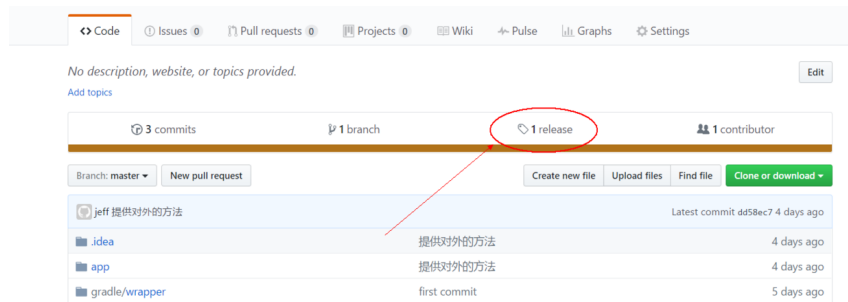
以前一直以为在github上发布自己的项目,并让别人compile到很简单.知道前段时间,工作不是太忙就把自己写的东西放到github上,才发现并不是那么容易,网上一搜也是有一堆的文档,但是不是这里出错就是那里有问题,踩了不少坑,分享出来,希望对大家有帮助.

## 1.利用jitpack.io发布项目

这个方法是算是我遇到的最简单的方法了.

首先你的把自己的项目上传大github上(这个没有什么难度,就不多说了)

其次点github上的release,点击右上角的draft a new release ,然后填写下面信息,最后publish release.



Tag version @ Target: master

Choose an existing tag, or create a new tag on publish

Release title title

Write Preview Markdown supported

Describe this release

Attach files by dragging & dropping, selecting them, or pasting from the clipboard.

Attach binaries by dropping them here or selecting them.

☐ This is a pre-release  
We'll point out that this release is identified as non-production ready.

**Publish release** Save draft

打开<https://jitpack.io/> (<https://jitpack.io/>), 将你的项目的github地址复制到输入框中, 点击look up, 就得到你项目的依赖地址, 你可以把截图发到你的blog中或者github上的README里.

Publish your JVM and Android libraries

jeff-sun/SettingView **Look up**

Releases Builds Branches Commits

Version	Log	Status
1.0		<b>Get it</b>

How to

To get a Git project into your build:

**Step 1.** Add the JitPack repository to your build file

gradle **maven** sbt leiningen

Add it in your root build.gradle at the end of repositories:

```
allprojects {
    repositories {
        ...
        maven { url 'https://jitpack.io' }
    }
}
```

**Step 2.** Add the dependency

```
dependencies {
    compile 'com.github.jeff-sun:SettingView:1.0'
}
```

Share this release:

在这里要说明的是,为什么要在github发布一个release的版本呢?因为jitpack默认是获取release版本的,如果没有的话,就会是下面的这种情况了,很不好.



Version	Status
14b2006462	
c3a3c727bb	
3f0f39add4	
77ea2317b5	
7354d1b7a8	

Step 2. Add the dependency in the form


```
dependencies {
    compile 'com.github.hpu-spring87:better-java:14b2006462'
}
```

## 2. 利用bintray-release插件发布项目到center

bintray-release的github项目地址[点这里](https://github.com/novoda/bintray-release) (<https://github.com/novoda/bintray-release>), 最新版本是0.4.0

在开始之前你得注册一个bintray帐号 (<https://bintray.com/>), 点击右边的For an Open Source Account

Sign Up Here (<https://bintray.com/signup/oss>), 需要注意的是, bintray上面的邮箱支持不是太全, 好像是不支持带数字的邮箱吧. 用163和qq的都不行. 最后用的foxmail. 注册成功后, 登录进去, 创建自己的一个仓库.


[Change Avatar](#)


☒ Public - anyone can download your files. public免费的, private收费的, 跟github一样
  
☐ Private - only authorized users can download your files.
   
[Upgrade for Private Repositories](#)

Name

maven 如果用bintray-release, 仓库名就填maven, 不然在后面上传的时候会报错, HTTP/1.1 404 Not Found [message :repo 'moaven' was not found]

Cannot be changed once the repository is created.

Type

Please select 仓库类型, 就选maven了 

Default Licenses (Optional) [Request new OSS license type](#)


Start typing... 遵循的协议

Default license(s) for new packages in this repository.

Description (Optional)

描述

创建

Create  Cancel

创建仓库

接下来在你的project的gradle和module的gradle里面设置



```

buildscript {
    repositories {
        jcenter()
    }
    dependencies {
        classpath 'com.android.tools.build:gradle:2.2.3'
        classpath 'com.novoda:bintray-release:0.4.0'
        // NOTE: Do not place your application dependencies here; they belong
        // in the individual module build.gradle files
    }
}

```

project的gradle

```

apply plugin: 'com.android.library'
apply plugin: 'com.novoda.bintray-release'
android {
    compileSdkVersion 25
    buildToolsVersion "25.0.3"

    defaultConfig {
        minSdkVersion 16
        targetSdkVersion 25
        versionCode 1
        versionName "1.0"
    }
}

```

module的gradle

```

publish {
    userOrg = 'jeff-sun' //bintray上的用户名
    groupId = 'com.jeff' //jcenter上的路径
    artifactId = 'settingitem' //项目名称
    publishVersion = '1.0' //版本号
    desc = 'this is a settingitem' //项目描述
    website = 'https://github.com/jeff-sun/SettingView' //网站, 这个不重要, 可以写github上你项目的地址.
}

```

module的gradle

还需要注意的是,如果项目里有中文注释的,可能会出现编码GBK的不可映射字符,在项目的build.gradle添加

```

1  allprojects {
2      tasks.withType(Javadoc) {
3          options{
4              encoding "UTF-8"
5              charSet 'UTF-8'
6              links "http://docs.oracle.com/javase/7/docs/api"
7          }
8      }
9  }

```

编码问题

最后就是上传代码了,在android studio中,点击下方的Terminal,输入下面代码,执行上传.

```

gradlew clean build bintrayUpload -PbintrayUser=bintray用户名
PbintrayKey=xxxxxxxxxx -PdryRun=false

```

PbintrayKey是在bintray个人中心EditProfile 中查看的





Edit Your Profile  
jeff-sun (jeff)

General

Password

Organizations

Repositories

Accounts

GPG Signing

API Key

## API Key

Your API key is:

\*\*\*\*\*

Show



复制

Revoke it

api key

最后Terminal上显示BUILD SUCCESSFUL ,说明上传成功.进入<https://bintray.com/你的用户名/maven>,可以看到自己的项目,点击进去,

General Readme Release Notes Reviews (0) Statistics Files Maven Central

About This Package

Version Notification Links

Versions New Version

Latest Version Badge

Website <https://github.com/jeff-sun/SettingView>

Issue Tracker <https://github.com/jeff-sun/SettingView/issues>

VCS <https://github.com/jeff-sun/SettingView.git>

Product None

Licenses Apache-2.0

1.0

Watchers (0)

No watchers yet.

Linked to (0)

Add to JCenter

This package is not linked to any repository yet.

Maven build settings (ver: 1.0)

settingitem-1.0.pom

Choose dependency snippet: Maven | Gradle | Ivy

compile 'com. jeff:settingitem:1.0'

此时我们还不能引用到自己的项目,需要点击右边的"Add to JCenter",发送邮件到jcenter,最后审核通过后,就可以用了.

如果下次你有新的版本需要更新,只需要修改publish里面的版本号,然后执行上传代码就可以了.

📅 日记本 (/nb/8060492)

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jeff\_sun (/u/3c128613a202)

写了 7332 字, 被 4 人关注, 获得了 21 个喜欢  
(/u/3c128613a202)

+ 关注

👍 喜欢

8



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