

# Android发布sdk到jcenter

当我们写好一个开源项目或者写好一个商用的sdk的时候，我们可能需要将它上传到jcenter这样可以更好的提供给别人或者用户使用。当我们上传之后，用户便可以在gradle里面通过compile来引用我们的项目了。

本文介绍的是通过 `bintray-release` 这个插件来上传我们的项目。

## 1. 注册bintray账号

[注册链接](#)，一定要选择这个注册链接，因为这个注册链接是面向个人的，是免费的，如果选择了公司版是需要收费的。注册的过程就很简单了，我们也可以通过github进行第三方登录。

## 2. 在bintray新建一个项目

The screenshot shows the JFrog Bintray user interface. At the top is a green navigation bar with the JFrog Bintray logo, a search bar, and links for API, Blog, Pricing, and a notification icon. Below the navigation bar is the user's profile section, which includes a circular profile picture, the username 'notedit', and an 'Edit' button. The main content area is divided into two columns. The left column contains the 'Owned Repositories' section, which has a search bar and tabs for 'All (2)', 'Public (2)', 'Private (0)', 'OSS (2)', and 'Premium (0)'. Below the tabs is a button labeled '+ Add New Repository', which is highlighted by a red arrow. Below this are two repository entries: 'dotengine (Maven)' and 'dot-engine-android (Maven)', each with '1 package'. The right column contains the 'General' settings section, which includes fields for 'Email' (notedit@gmail.com), 'Website/Blog' (None), 'Company', 'Location' (China), and 'Member Since' (May 22, 2017). Below the 'General' section are sections for 'Worldwide', 'Twitter', 'GitHub' (notedit), 'Google', and 'BitBucket'. At the bottom of the page, there is a 'Latest Activity' section and a 'View All' link.

# Create Repository

Create a repository under your account to host your files.



Change Avatar

- ☒ Public - anyone can download your files.
- ☐ Private - only authorized users can download your files.

★ Upgrade for Private Repositories

Name

填写自己的项目名称

Cannot be changed once the repository is created.

Type

 Maven



Default Licenses (Optional)

[Request new OSS license type](#)

Apache-2.0 

Start typing...

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

Description (Optional)

填写项目的描述

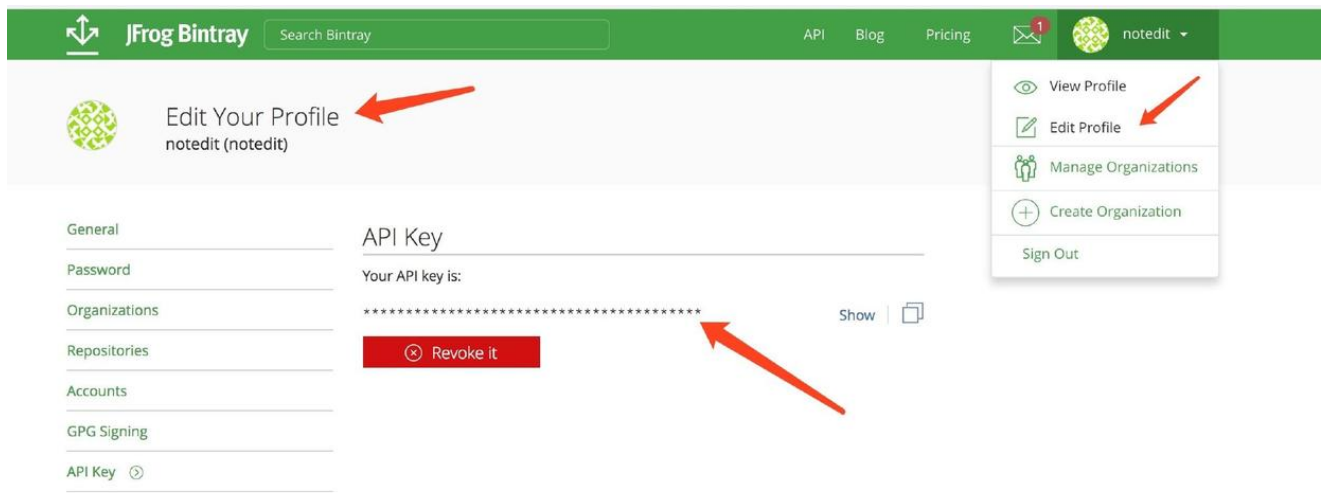
Create



Cancel

按照上述两幅图，填好项目描述等内容之后，点击**Create**就可以了。

### 3. 查看自己的key



#### 4. 在项目中配置上传所需的内容

首先修改项目的gradle(Project)

```
buildscript {  
    repositories {  
        mavenCentral()  
        jcenter()  
    }  
    dependencies {  
        classpath 'com.android.tools.build:gradle:2.3.0'  
        classpath 'com.github.dcendents:android-maven-plugin:1.2'  
        // NOTE: Do not place your application dependencies here; they belong  
        // in the individual module build.gradle files  
  
        //新增内容  
        classpath 'com.novoda:bintray-release:0.3.4'  
        //=====新增结束=====  
    }  
}  
  
allprojects {  
    repositories {  
        jcenter()  
    }  
    //新增内容, 防止一些注释在编译过程报错  
    tasks.withType(Javadoc) {  
        options {  
            encoding "UTF-8"  
            charSet 'UTF-8'  
            links "http://docs.oracle.com/javase/7/docs/api"  
        }  
    }  
    //=====新增结束=====  
}
```

修改想要上传的module的gradle(Moudle)

```

apply plugin: 'com.android.library'
//新增内容
apply plugin: 'com.novoda.bintray-release'
//=====新增结束=====

android {
    compileSdkVersion 25
    buildToolsVersion "25.0.2"

    sourceSets.main {
        jniLibs.srcDir 'jni'
        jni.srcDirs = [] //disable automatic ndk-build call
    }

    defaultConfig {
        minSdkVersion 14
        targetSdkVersion 25
        versionCode 1
        versionName "1.0.0"
        multiDexEnabled true
    }

    buildTypes {
        release {

        }

        debug {

        }

    }

    lintOptions {
        abortOnError false
    }
}

dependencies {
    provided 'com.squareup.okhttp3:okhttp:3.5.0'
}
//新增内容
publish {
    userOrg = 'linsir' //bintray.com用户名
    repoName = 'linlog'
    groupId = 'com.linsir' //jcenter上的路径
    artifactId = 'linlog' //项目名称
    publishVersion = '1.0.0' //版本号
    desc = 'An android sdk for easy to log and toast.' //描述
    website = 'https://github.com/linsir6/linLog' //网站,尽量采用同样的格式
}
//=====新增结束=====

```

## 5. 执行上传命令


在androidstudio中的Terminal中，找到当前的路径，然后执行以下命令：

```
./gradlew clean build bintrayUpload -PbintrayUser=linsir -PbintrayKey=XXX -PdryRun=false
```

上述命令有两个地方需要替换成自己的，`-PbintrayUser=linsir` 这个里面的linsir需要替换成自己在bintray上面的用户名，`-PbintrayKey=XXX` 这里的XXX需要替换成我们在 3. 查看自己的key 这步获取到的key，然后按下回车执行命令，当看到build success就完成了。

## 6.add to jcenter

当以上步骤全部完成之后，我们就可以在网站项目的界面中看到了，然后点击Add to Jcenter，然后添加一段描述就可以了。



An android sdk for "Live Interactive" create by dotengine company.

SET ME UP!

GeneralReadmeRelease NotesReviews (0)StatisticsFiles

About This PackageVersion Notification Links

Website

https://github.com/notedit/dot-engine-android

Issue Tracker

https://github.com/notedit/dot-engine-android/issues

VCS

https://github.com/notedit/dot-engine-android.git

Product

None

Licenses

Apache-2.0

Maven build settings (ver: 1.0.0)

dotengine-1.0.0.pom

Choose dependency snippet: Maven | Gradle | Ivy

compile 'cc.dot.engine:dotengine:1.0.0'

Downloads (ver: 1.0.0)

VersionsLatest Version Badge

1.0.0

Watchers (0)Watch

This package is not being watched by anyone yet.

Linked to (1)

jcenter

大概就应该在红色的这个位置，然后就可以等待工作人员的审核了，大概两个小时左右，审核通过之后会有站内信，邮箱内也收到邮件的，然后就可以通过 `compile 'com.linsir:linLog:1.0.0'` 这种形式引用了。

我自己也写了一个简单的这样的库，大家如果参考的话可以看一下，[代码地址](#)。