Library

ByteDance 字节跳动

Outline

❏ Why Library

❏ Usage

❏ Concepts

❏ Where to Find

❏ How to Choose

ByteDance 字节跳动

Why Library

- ❏ Wheels, Reuse

- ❏ Add Feature

- ❏ Reduce boilerplate code

Demo - use ButterKnife

❏ build.gradle

```
implementation 'com.jakewharton:butterknife:8.8.1'
annotationProcessor 'com.jakewharton:butterknife-compiler:8.8.1'
```

ᴵᴵ� ByteDance字节跳动

Demo - use ButterKnife

❏ Activity

```java
public class MainActivity extends AppCompatActivity {
    @BindView(R.id.text) TextView tv;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        ButterKnife.bind(this);
        tv.setText(String.format(Locale.getDefault(), "Hello ButterKnife, %s", new
Date().toString()));
    }
}
```

ByteDance 字节跳动

Demo - use ButterKnife

❏ ViewHolder

```
class MyViewHolder extends RecyclerView.ViewHolder {
    @BindView(R.id.text) TextView text;

    MyViewHolder(@NonNull View itemView) {
        super(itemView);
        ButterKnife.bind(this, itemView);
    }
}
```

ByteDance 字节跳动

Dependency

❏ Type: Module/File/Project

❏ Module Dependency

   ❏ {configuration} "{group}:{name}:{version}"

      ❏ configuration: implementation

      ❏ group: com.jakewharton

      ❏ name: butterknife

      ❏ version: 8.8.1

ByteDance字节跳动

Repository

❏ Libraries Repository

❏ Type

  ❏ Maven

  ❏ Local Flat Directory

Maven Repository

```
repositories {
    jcenter()
    mavenCentral()
    google()
    maven {
        url "http://repo.mycompany.com/maven2"
    }
}
```

ByteDance字节跳动

Flat Directory Repository

```
repositories {
    flatDir {
        dirs 'lib'
    }
    flatDir {
        dirs 'lib1', 'lib2'
    }
}
```

Where to Find

❏ StackOverflow/Github

❏ Android Support Library

❏ JetPack

❏ CodePath - MustHaveLibraries

How to Choose

- ❏ Maintenance

- ❏ Known Issues

- ❏ Features

- ❏ License