[Butterknife](http://jakewharton.github.io/butterknife/) is a light weight library to inject views into Android components. It uses annotation processing.

The @BindView annotation allow to inject views and performs the cast to the correct type for you. The @@OnClick(R.id.yourid) annotation allows to add OnClickListener to a view. You can optional define the method parameter of the view in case you want it injected.

Butterknife includes also findById methods which simplify code that still has to find views on a View, Activity, or Dialog. It uses generics to infer the return type and automatically performs the cast.

Add the com.jakewharton:butterknife in its latest version as compile dependency build.gradle file.

apply plugin: 'com.android.application'

android {

...

}

dependencies {

...

implementation 'com.jakewharton:butterknife:8.5.1'

annotationProcessor 'com.jakewharton:butterknife-compiler:8.5.1'

}

**How to Use:-**

**public** **class** **MainActivity** **extends** Activity {

@BindView(R.id.textView)

TextView title;

@Override

**protected** **void** onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

ButterKnife.bind(this);

title.setText("Hello from Butterknife");

}

@OnClick(R.id.button)

**public** **void** submit() {

Toast.makeText(MainActivity.this,

"Hello from Butterknife OnClick annotation", Toast.LENGTH\_SHORT).show();

}

}