

Customize Error Message

@magie_pooh
shibuya.apk #16

自己紹介

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FOLIO



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Crash Reporting Tool

- Crashlytics
- Firebase Crash Reporting
- Play Console

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Fatal Exception: java.lang.RuntimeException

Unable to start activity ComponentInfo(**[REDACTED]**/MainActivity): java.lang.Exception: test message1

android.app.ActivityThread.performLaunchActivity (ActivityThread.java:2815)

com.android.internal.os.ZygoteInit.main (ZygoteInit.java:767)

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ここをカスタマイズしたい

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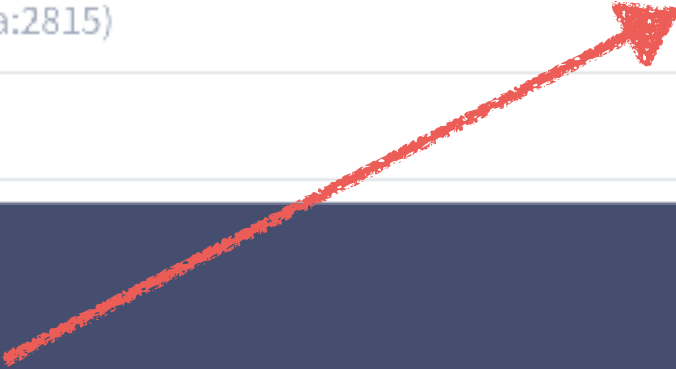
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android.app.ActivityThread.performLaunchActivity (ActivityThread.java:2815)

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消したい



Applicationクラス

```
private static Thread.UncaughtExceptionHandler defaultUEH;  
private static Thread.UncaughtExceptionHandler caughtExceptionHandler  
=  
    new Thread.UncaughtExceptionHandler() {  
        @TargetApi(Build.VERSION_CODES.KITKAT) @Override  
        public void uncaughtException(Thread thread, Throwable  
throwable) {  
            // do something  
            defaultUEH.uncaughtException(thread, throwable);  
        }  
    };  
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```

```
@Override public void onCreate() {  
    super.onCreate();  
    Fabric.with(this, new Crashlytics());  
    defaultUEH = Thread.getDefaultUncaughtExceptionHandler();  
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Exceptionのメッセージをひたすら消す

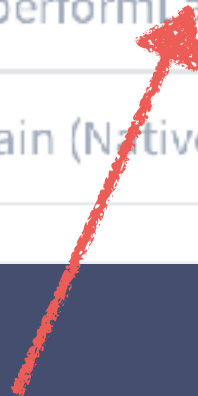
```
Field field = Throwable.class
    .getDeclaredField("detailMessage");
field.setAccessible(true);
field.set(throwable, "");
```

Fatal Exception: java.lang.RuntimeException

android.app.ActivityThread.performLaunchActivity (ActivityThread.java:2248)



dalvik.system.NativeStart.main (NativeStart.java)



消えた！！！！

Crashlyticsの仕組み

- `Fabric.with(this, new Crashlytics());`

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`CrashlyticsController`を生成

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- `Fabric.with(this, new Crashlytics());`
- `CrashlyticsCore#onPreExecute()`内で
`CrashlyticsController`を生成
- `CrashlyticsController`クラスで
`CrashlyticsUncaughtExceptionHandler`を生成

まとめ

- UncaughtExceptionHandlerを使えばカスタマイズできる
- 他のCrash Reporting Toolは未調査なので、どなたか教えてください🙏
- Firebase Crash Reportingでは個人情報に関わる部分は「REDACTED_PERSONAL_IDENTIFICATION_NUMBER」になるらしい。誰か教えてください🙏