

Language Exception from RCTFatal

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I regularly see folks report that their app crashed with a crash report containing a `Last Exception Backtrace` section that looks something like this:

```
Last Exception Backtrace:
0  CoreFoundation      ... __exceptionPreprocess + 164 ...
1  libobjc.A.dylib      ... objc_exception_throw + 60 ...
2  MyApp                ... RCTFatal + 668 (RCTAssert.m:147)
3  MyApp                ... -[RCTExceptionsManager reportFatal:stack:exceptionId:extraDataAsJSON:] + 532
(RCTExceptionsManager.mm:77)
4  MyApp                ... -[RCTExceptionsManager reportException:] + 1476 (RCTExceptionsManager.mm:147)
5  CoreFoundation      ... __invoking__ + 148 (:-1)
6  CoreFoundation      ... -[NSInvocation invoke] + 428 ...
7  CoreFoundation      ... -[NSInvocation invokeWithTarget:] + 64 ...
8  AppName              ... -[RCTModuleMethod invokeWithBridge:module:arguments:] + 460 (RCTModuleMethod.mm:584)
9  MyApp                ... facebook::react::invokeInner(RCTBridge*, RCTModuleData*, unsigned int, folly::dynamic const&, int,
(anonymous namespace)::SchedulingContext) + 536 (RCTNativeModule.mm:183)
10 MyApp               ... operator() + 68 (RCTNativeModule.mm:104)
11 MyApp               ... invocation function for block in facebook::react::RCTNativeModule::invoke(unsigned int,
folly::dynamic&&, int) + 112 (RCTNativeModule.mm:95)
12 libdispatch.dylib    ... _dispatch_call_block_and_release + 32 ...
```

The presence of a `Last Exception Backtrace` section indicates that their app is crashing due to an unhandled [language exception](#). In such cases you can look at the backtrace to see where the exception came from.

In this case frames 4 through 2 suggest that this problem is caused by an error coming out of a third-party runtime. Specifically, the symbol in frame 2, `RCTFatal`, suggests that the runtime hit a fatal error and the symbol in frame 4, `-[RCTExceptionsManager reportException:]`, suggests that the error was caused by an exception raise within the code running in that runtime.

I can't help you with this problem because the organisation I work for, Developer Technical Support (DTS), doesn't support third-party tools or libraries. If you encounter a crash like this, I recommend that you consult the support resources for the third-party runtime you're using.

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Posted 3 months ago by eskimo

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