Jason Brennan

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+33,105 −32,181 ■■■■■

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This pull request is big! We're only showing the most recent 250 commits.

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This pull request is big! We're only showing the most recent 250 commits.

Meetup's Migration to Swift 3

aka...

Meetup switched to Swift 3 and it solved all our problems and maybe you'll do the same too and that's good because Swift fixes everything and those two weeks of my life were well spent right? Right??

A Cathartic Look at Swift migrations
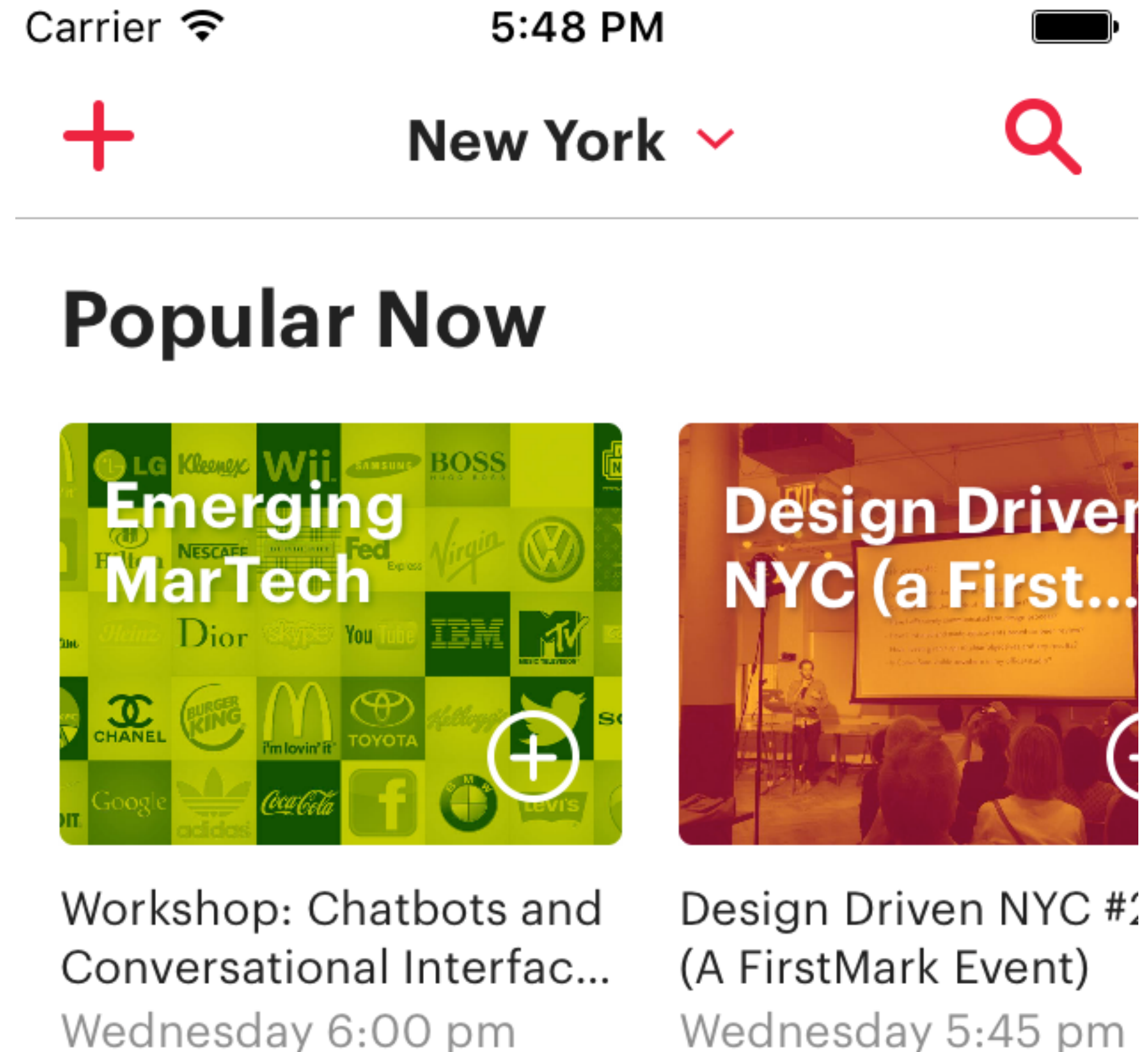
It's a roast of sorts.

We need more catharsis because these **migrations are painful** and sometimes feel pointless!

So lets take a few minutes to laugh at the absurdity of it all

(and maybe learn something 🤔)

Here's Meetup.app

- Written in Swift in **2015/6**

- About **80k** lines of Swift

- + a metric butt tonne of docs

- we use 25 pods

- *exactly half* are swift

Meetup

Carrier 📶   5:48 PM

＋   New York ⌄   🔍

Popular Now

Workshop: Chatbots and
Conversational Interfac...
Wednesday 6:00 pm

Design Driven NYC #2
(A FirstMark Event)
Wednesday 5:45 pm

Our Plan
(which is perfect)

1. **Run the migrator** on the app

2. Get everyone to **read the diff** (*lol*)

3. Fix migrator errors

4. Oh yeah, um, **pods**

5. Repeat for **the tests** (which are perfect and will catch our mistakes)

Meetup

Our Plan
(more parts)

6. All hands on this

7. No other product work done while we do it

8. Do it at the end of the year while product people hibernate for winter

9. (we love you, product people!)

Meetup

First things first

Let's run the migrator!

ACK!

This is also like, soooo Apple right?

It's really 1000 errors but they want you thinking it's just in the hundreds.

Now we swarm

jbrennan commented 25 days ago • edited

Re: IOS-954 - **Run the Swift migrator and fix all issues it presents**

What it Does

Ran the Swift 3 migrator!

Notes

- This is definitely not ready to merge yet, but I am reviewing the diff locally on my machine (going alphabetically).
- Please feel free to note any issues you find with the migration and we'll try to address them!
- App still won't compile because pods haven't been migrated
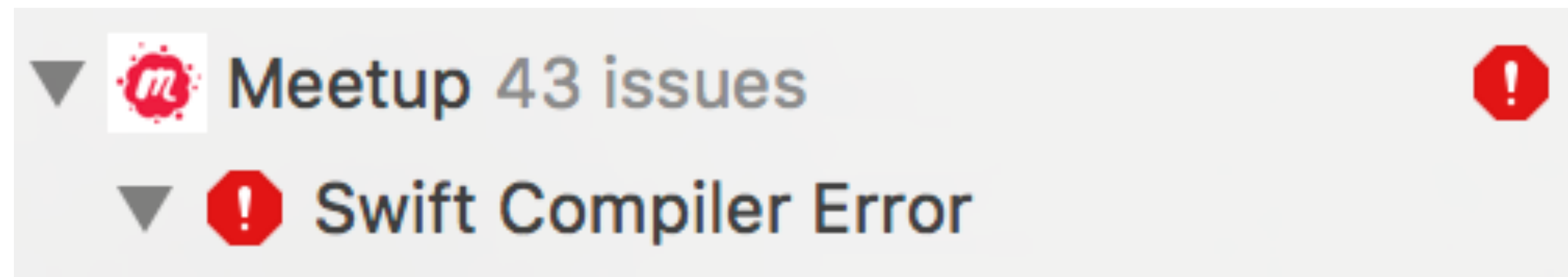
Lickability updated our Pods

mliberatore commented 25 days ago

📝 This is pointed at `swift-3-IOS-954` , not `develop` .

What it Does

- Updates all Swift pods to their latest versions (which support Swift 3.x)
- Begins updating code that makes use of these pods. We've finished the following:
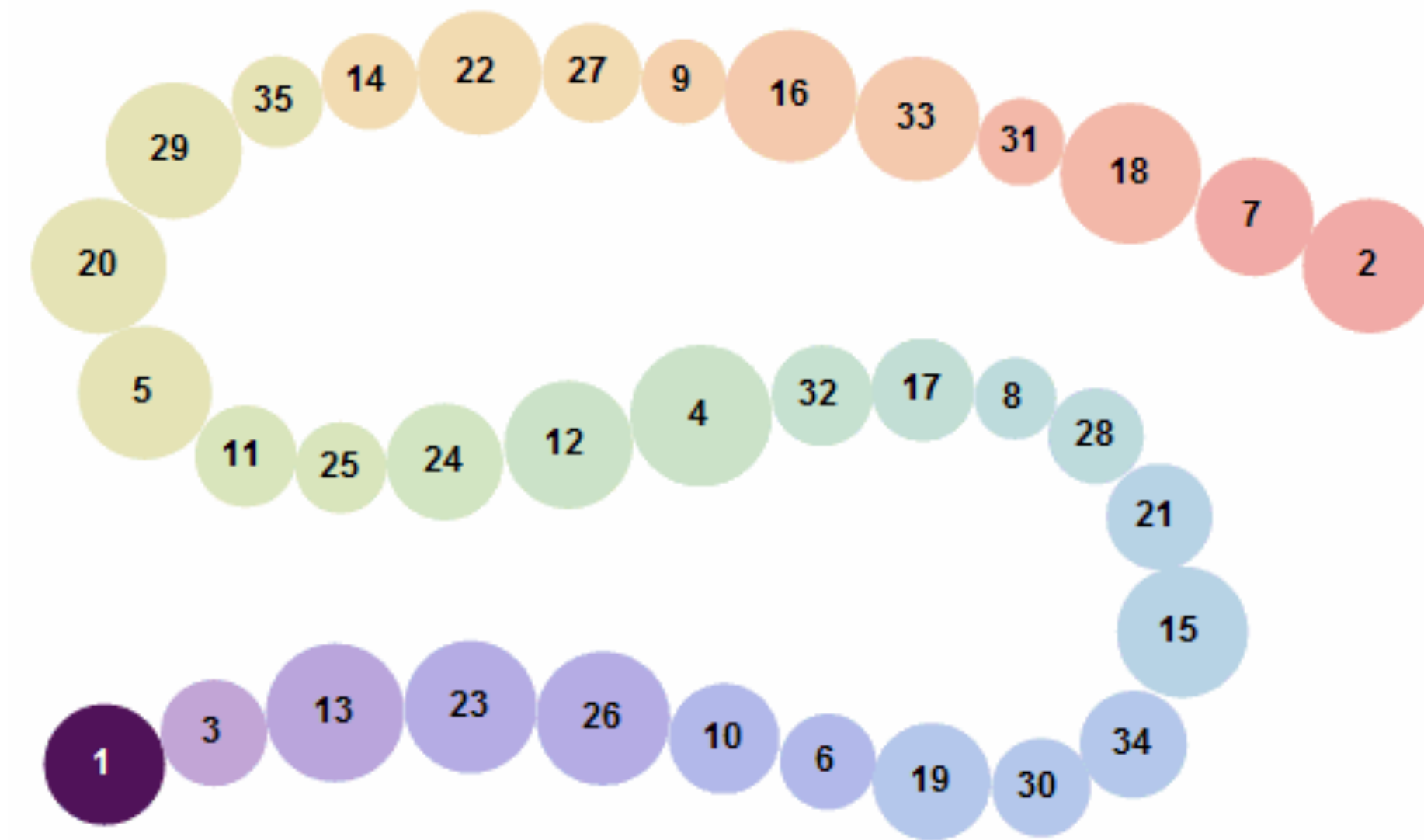
Suddenly, a real error count!

Meetup 43 issues

Swift Compiler Error

er..

⚠️ 34 🛑 11

"We can ignore this!"
(foreshadowing)

Build errors were a little...

"It'll sort itself out soon"

IT BUILDS

Now the tests

Jason Brennan ☰🐌🇨🇦 9:13 AM
migrating tests to Swift 3

Jason Brennan ☰🐌🇨🇦 9:39 AM
Wowzers, are tests aren't getting any compiler *errors*

but they're sure crashing the compiler

like, everything is a seg fault instead of an error

Or maybe not? idk, Xcode is not showing me the errors, but they appear in the build
log, along with a seg fault

Jason Brennan ☰🐌🇨🇦 10:04 AM
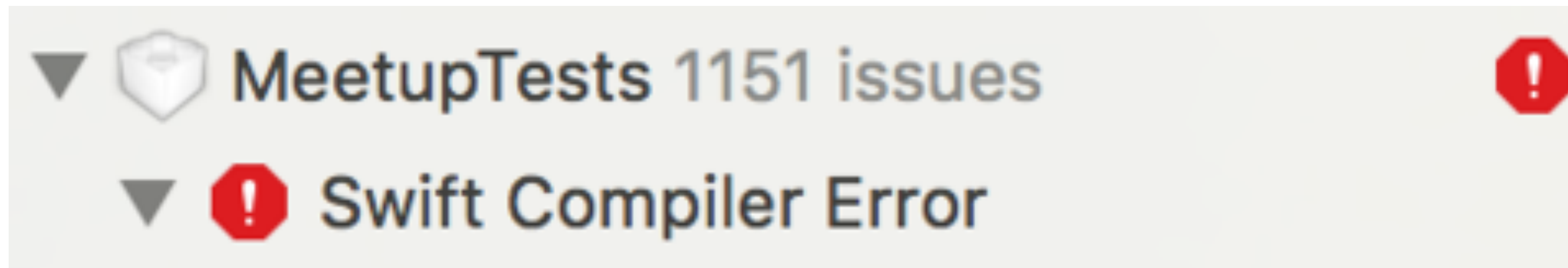Welp, I fixed the compiler crash

Meetup

Fixed the Seg Fault

So the error count now appears to be pretty accurate

I bet our inaccurate error count before was because of a few compiler seg-faults we had but didn't fix until very late in the process

I bet if we'd fixed those first we might have had a more accurate error count

Now only 1151 errors

Fix-It to the rescue!

Jason Brennan ≡🐌 🇨🇦 11:28 AM
Pro tip: cmd+ctrl+opt+F will do "fix all in scope"

it's mighty handy

Meetup

"That's all the time I have. Thank you!"

–Jason Brennan

Meetup