



# Open Source JavaScript

A year of learnings from CS Blogs

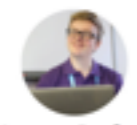
# Danny Brown

@danny\_brown\_uk

<https://dannybrown.io>

**tapdaq**  
**trainline**





James Croft  
5 hours ago

## UWP exception handling and logging with WinUX

When it comes to exception handling, there is always the odd occasion where you forgot to put a null check or try-catch which results in an exception being thrown in... [Read more ->](#)

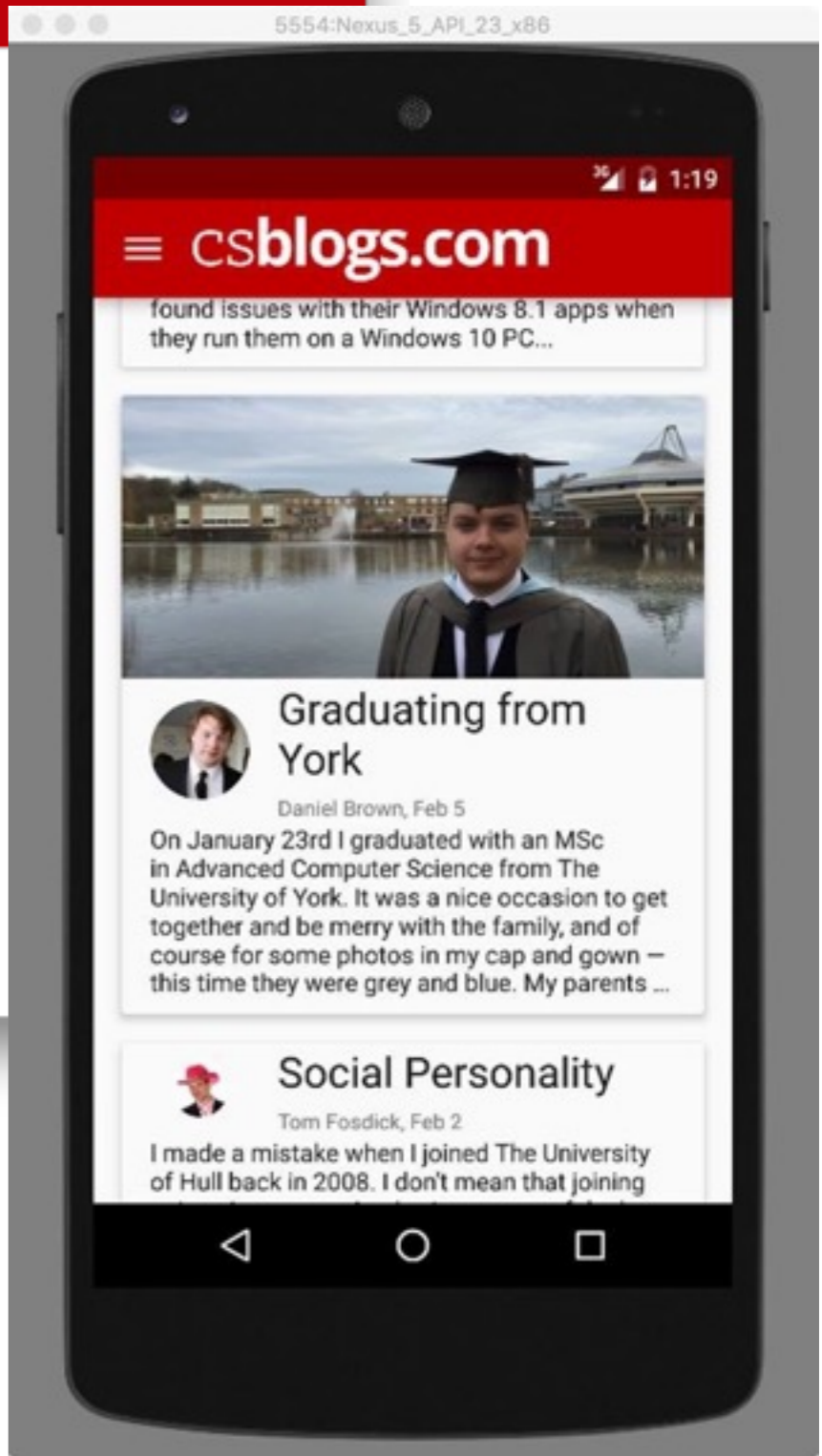


Alex Rodgers  
21 hours ago

## Procedural RPG World Generation



Having now completed my MSc, below is a brief summary of my dissertation project along with galleries and a video of the prototype. There's also a download of the full report detailing the implementation process along with background on the topic for those interested [Read more ->](#)



found issues with their Windows 8.1 apps when they run them on a Windows 10 PC...



### Graduating from York

Daniel Brown, Feb 5

On January 23rd I graduated with an MSc in Advanced Computer Science from The University of York. It was a nice occasion to get together and be merry with the family, and of course for some photos in my cap and gown – this time they were grey and blue. My parents ...



### Social Personality

Tom Fosdick, Feb 2

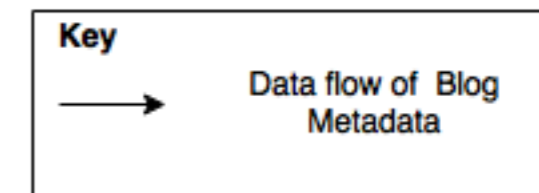
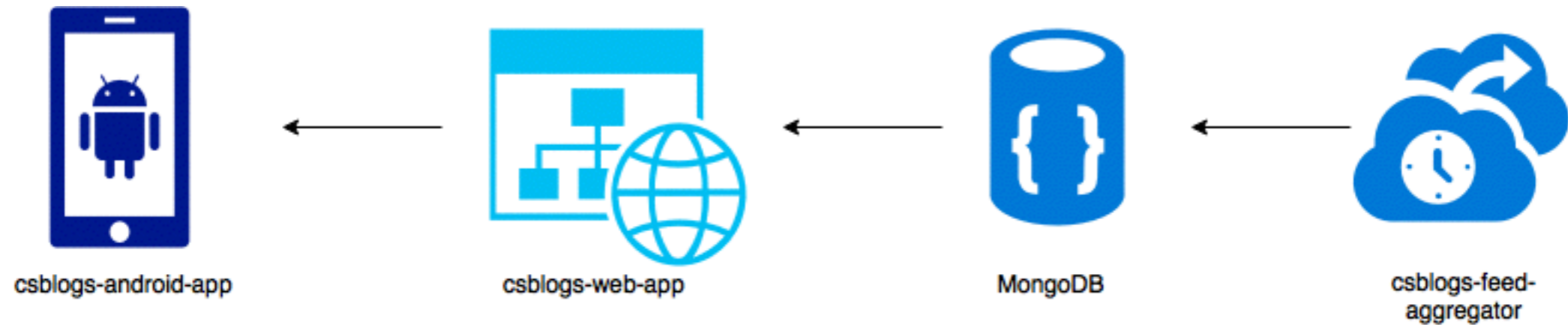
I made a mistake when I joined The University of Hull back in 2008. I don't mean that joining

# #SquadGoals

- Open to anyone
  - (Notice how this entire presentation is a thinly veiled attempt to lure contributors)
- Initially aimed solely at University of Hull Computer Scientists



# Attempt One



- No formal process
- Prototype → Production
- The code was the spec

# Working App

!= Successful Open Source Project

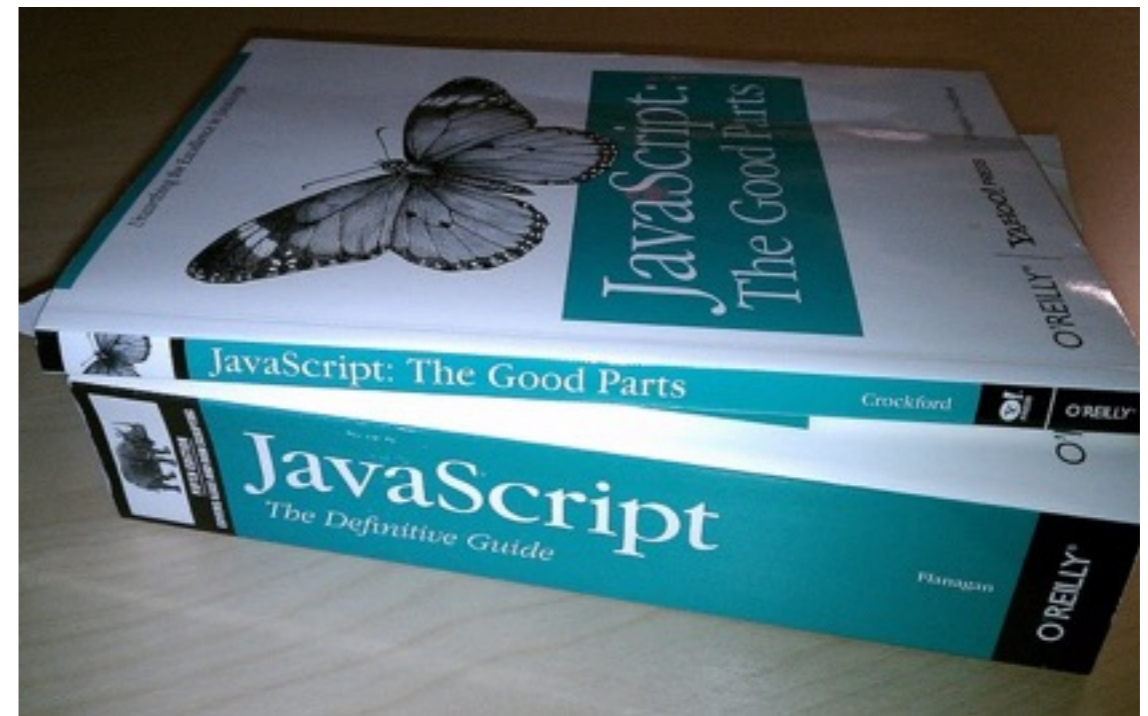
- App working (mainly...)
- ~3,000 views a month
- However, hard to get involved. Whats more, unattractive to get involved.

# Make it easy to fall into the pit The Pit of Success

- Simple Software Architecture and Code
- Process (linting, unit & integration, identical environments)
- Have a contributing.md (or equivalent) explaining what makes a good contribution
- Use Github issues (or similar) to show what you want. Always have a form of contact for other ideas

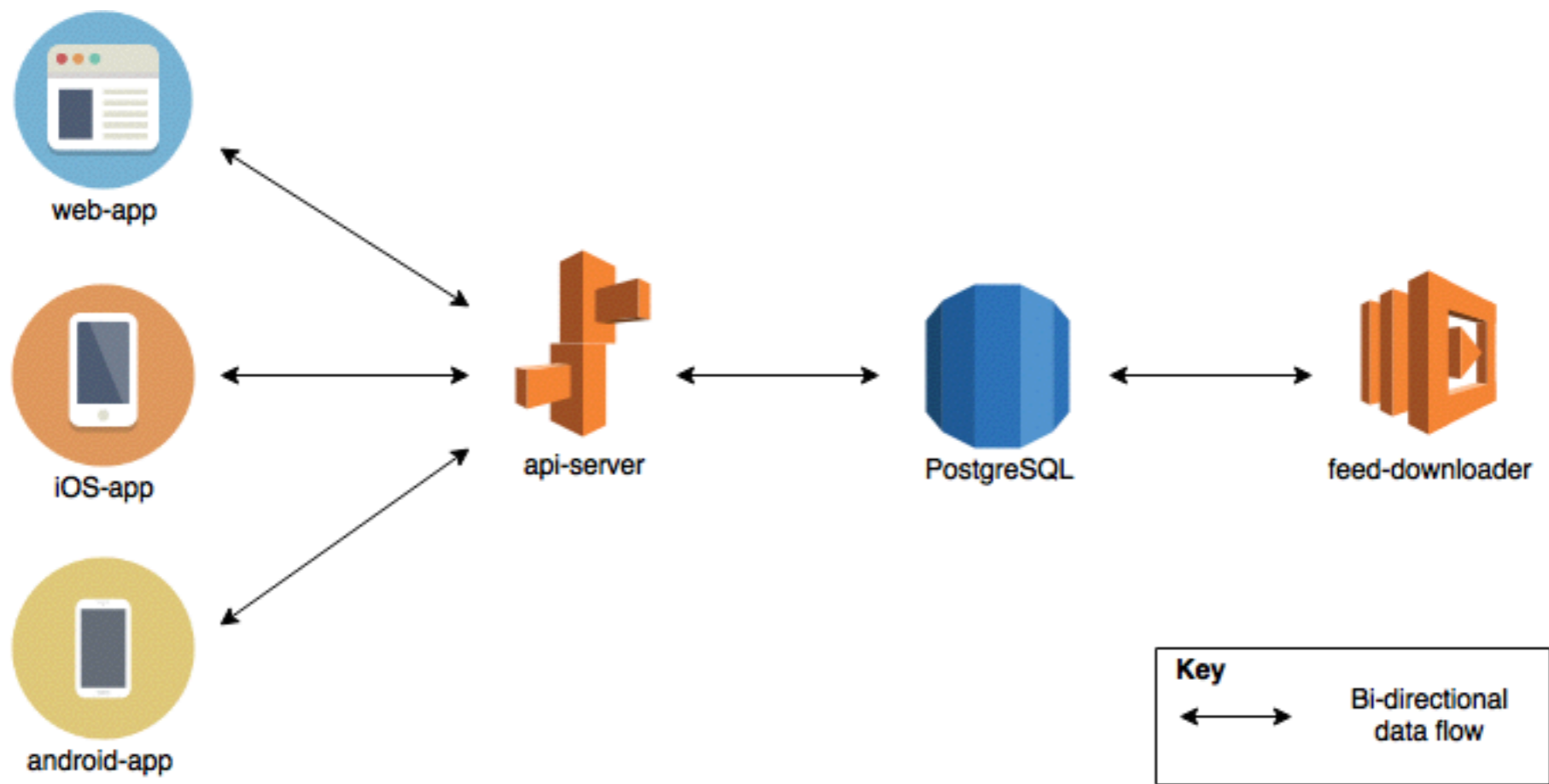
# Pit of Success: JavaScript

- Avoid ES5
- Avoid Stage-0 features
- Use ESLint
- Don't use global npm modules
- Use modules and make them do one thing
- Use david-dm
- Use .env
- Functions easier than hierarchies





# Attempt Two: Architecture



# Attempt Two: Code

build passing coverage 99% dependencies up to date slack 6

Personal Open source Business Explore Pricing Blog Support This repository Search Sign in Sign up

csblogs / feed-downloader Watch 2 Star 0 Fork 2

Code Issues 0 Pull requests 0 Pulse Graphs

Branch: master feed-downloader / CONTRIBUTING.md Find file Copy path

DannyBrown Added Slack status badge (and note about it in contributing.md) 955a4c7 on Mar 17

1 contributor

57 lines (37 sloc) | 4.84 KB Raw Blame History

## Contributing to the CS Blogs Feed Downloader

Thanks for your interest in contributing to the CS Blogs project. One of the main aims of the project was to expose more students, particularly those from The University of Hull, to the world of open source software development.

This document outlines how to contribute and some more technical information about the project to help you along the way.

### The CS Blogs feed what now?

The `feed-downloader` package is the beating heart of the system (if a heart beat every 5 minutes that is...)



# Build it and they will come?

- Don't be disheartened if no one forks/stars/PRs in the first instance
- People are much more likely to contribute to something if it solves a problem for them, this means the initial functionality has to be there

# The fun is in the learning

- Having your code out in public attracts questions which can make you a better engineer
- Writing code with the intention of having it read is a really useful skill
- Asynchronous Collaboration is pretty cool

# Take Away Ideas

- Know who your contributors will be
- Make it easy to fall into the pit of success
- Build (the basic functionality) and they will come
- Treat it as a teaching / learning exercise



csblogs.com

Any questions?