

NO HONESTLY, I REALLY DID BUY THAT EBOOK!



PETER POLIWODA
SENIOR SOFTWARE
ENGINEER
IBM INNOVATION
EXCHANGE

BUT FIRST . . .
A WORD FROM OUR
SPONSOR . . .



1. **Scan** the QR code or **go to** <https://ibm.biz/tweetmidas>
2. **Reply to the tweet** and wait for Midas to answer back.
3. When answered, **click** link to **Direct Message** with Midy.
4. **Answer** survey questions about the '**My Data**' approach.



Open Tech **AI**
Workshop
Helsinki

 + IBM Innovation Exchange

 MIDAS EU Project Finland
@MIDASProject_FI


Meaningful Integration of Data, Analytics and Services



This project is funded by
the European Union under
Grant Agreement No. 727721

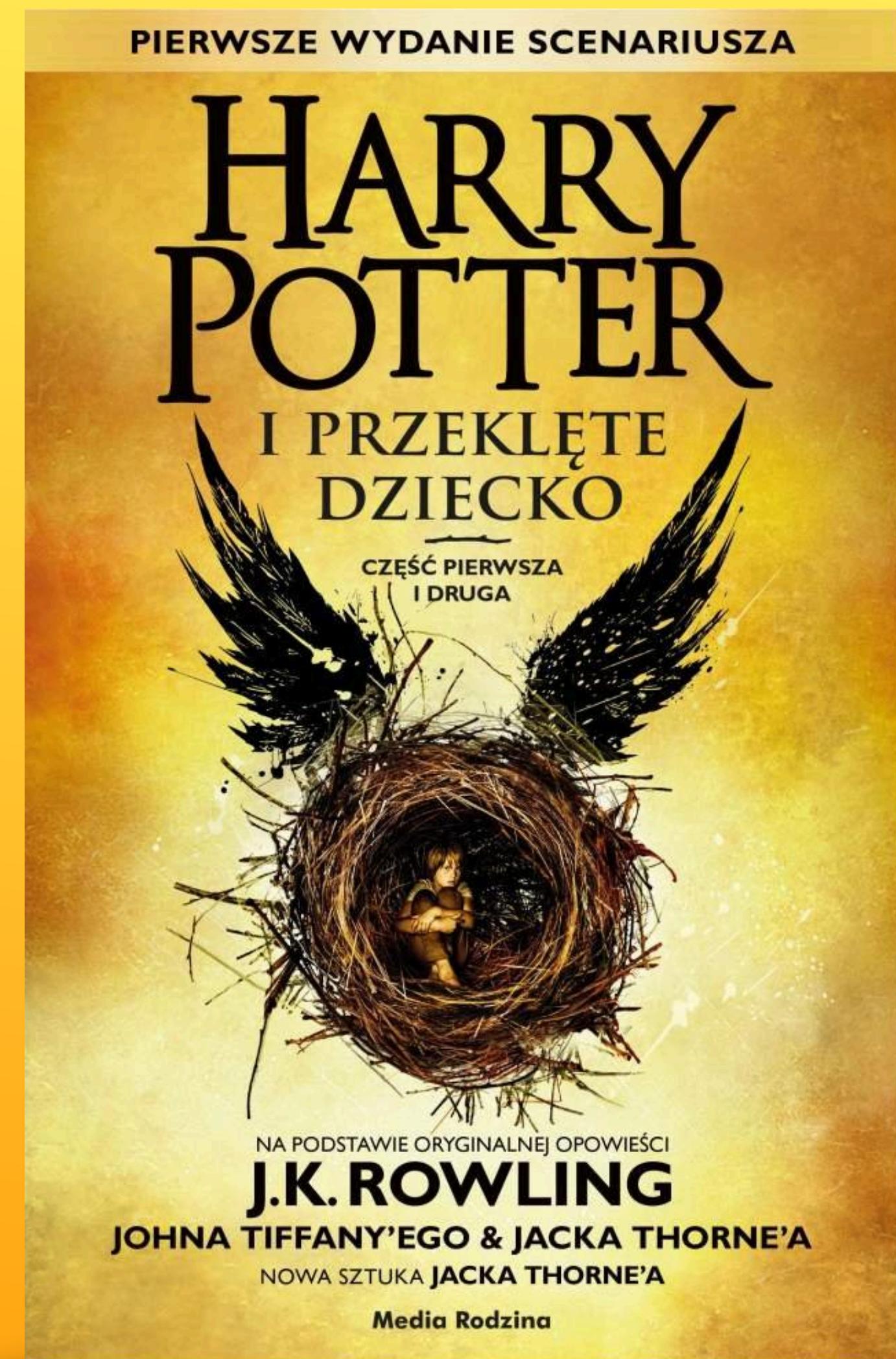
**“MYDATA IS A HUMAN CENTRED
APPROACH IN PERSONAL DATA
MANAGEMENT THAT COMBINES
INDUSTRY NEED TO DATA WITH
DIGITAL HUMAN RIGHTS.”**

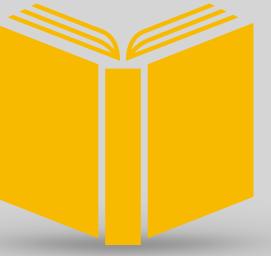
NO HONESTLY, I REALLY DID BUY THAT EBOOK!



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THE GENESIS





PROBLEM: BOOKS ON KINDLE NOT FROM AMAZON STORE*



* acquired from an official source

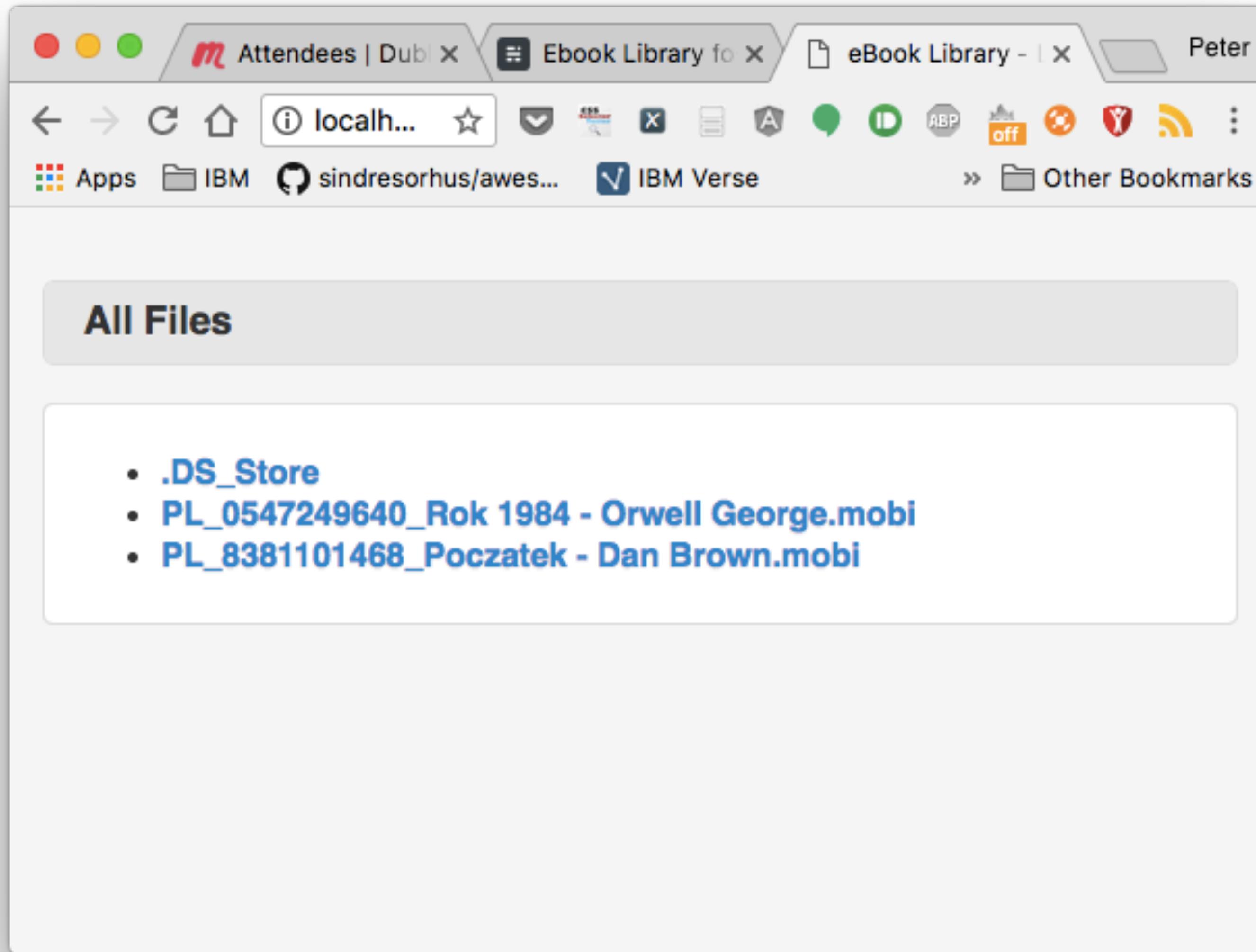
CABLE MANAGEMENT



Ain't nobody got time for that

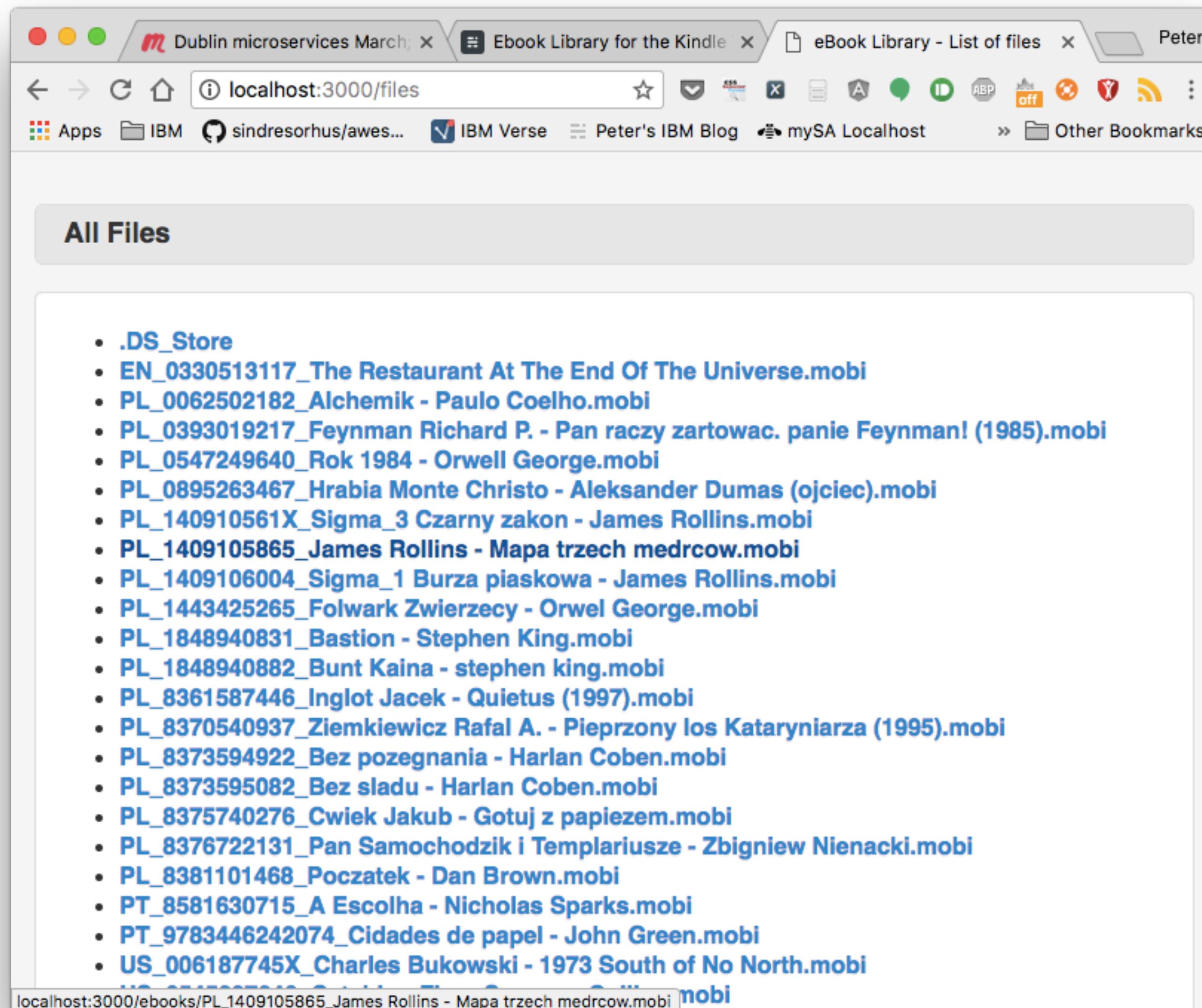
QUICK&DIRTY SOLUTIONS DO WORK

.....



BUT OFTEN TIMES CREATE MORE PROBLEMS!

.....

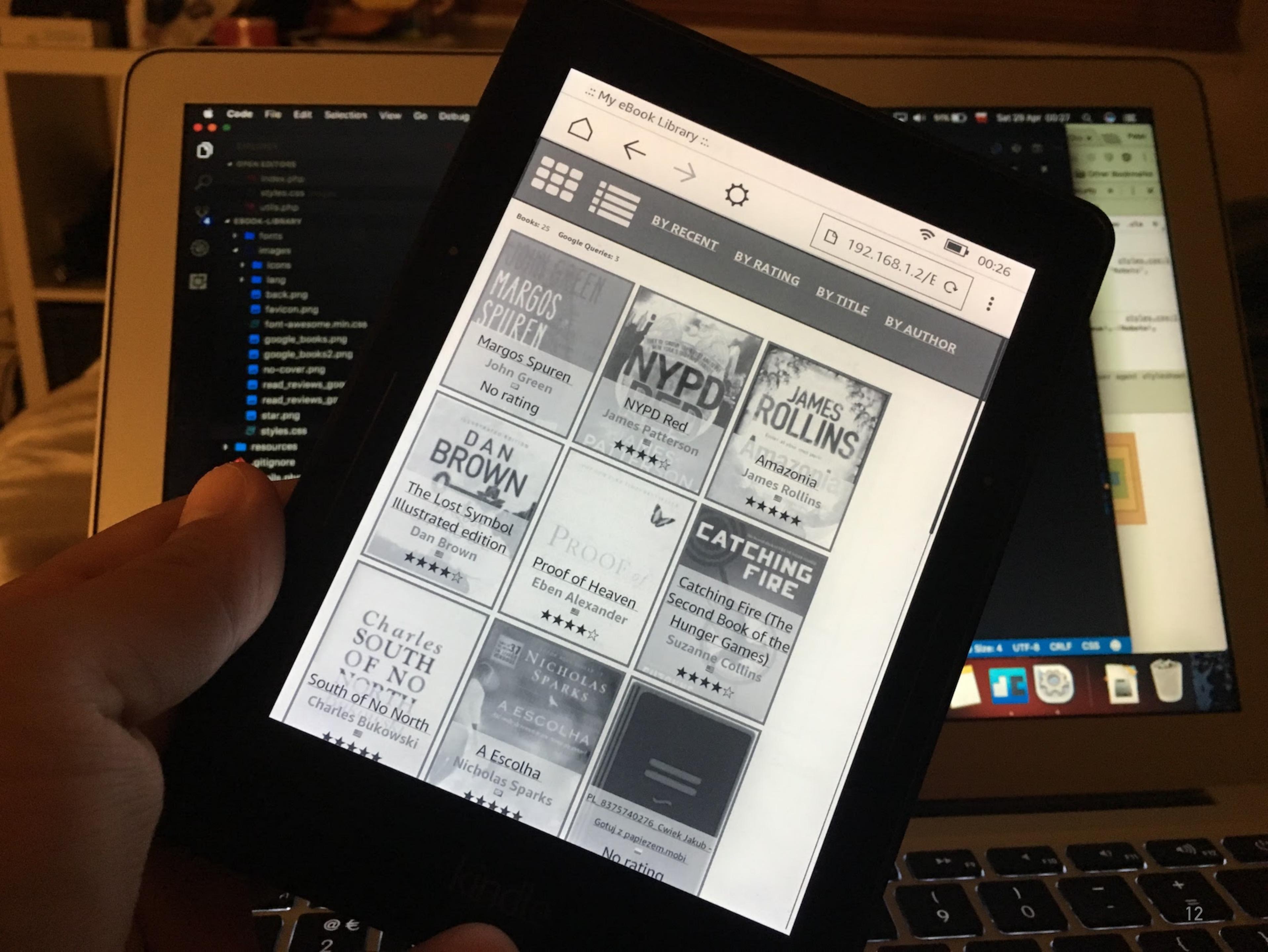


LET'S BUILD A KINDLE STORE!

.....

BY RECENT BY RATING BY TITLE BY AUTHOR

Books: 43 Google Queries: 5



**SORTING ON THE
FRONT-END**

**SOME BOOKS HAVE NO
COVER PICTURES**

**DEPENDENT ON GOOGLE BOOKS
CALLS EVERY TIME IT LOADS**

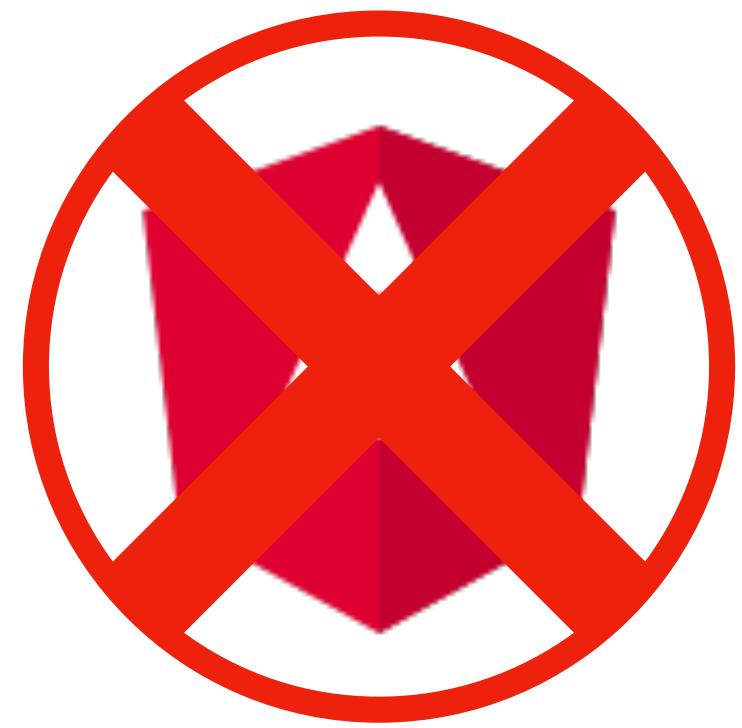
USE ALL THE NEWEST THINGS!



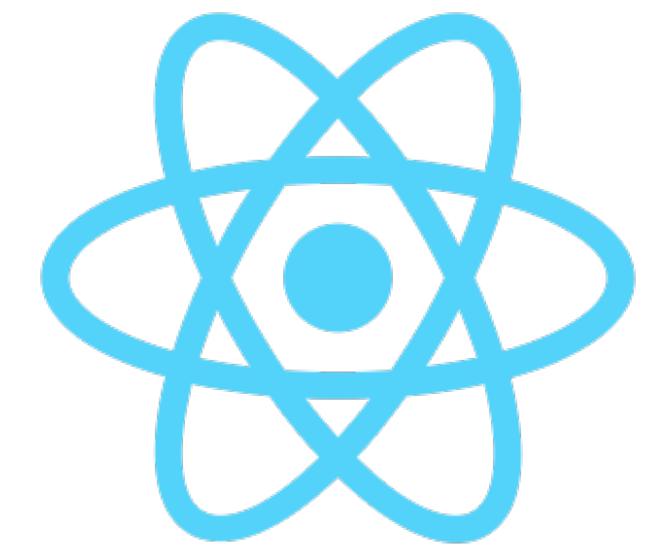
I KNOW, I'LL USE
NODE.JS AND MAKE
IT AWESOME





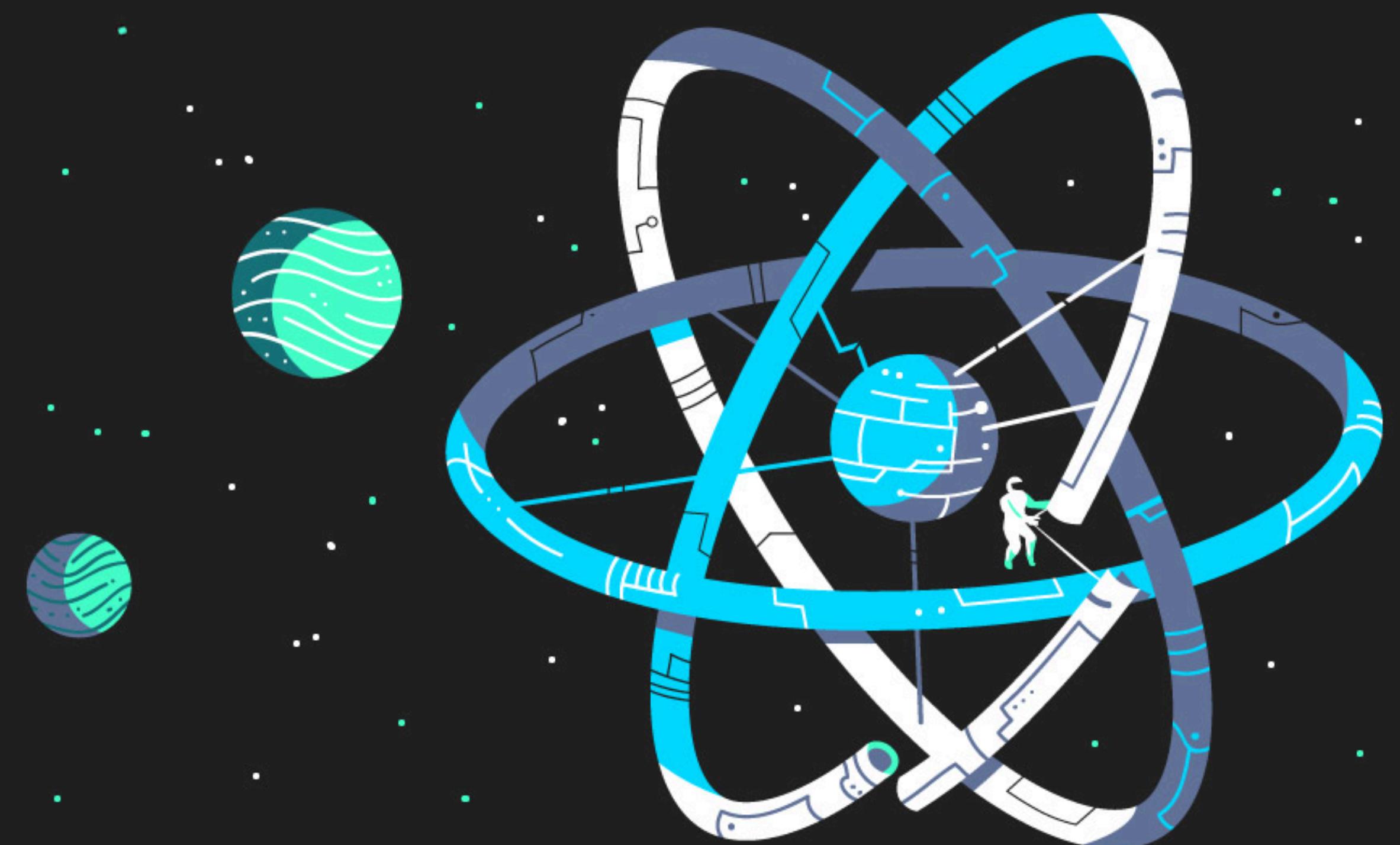






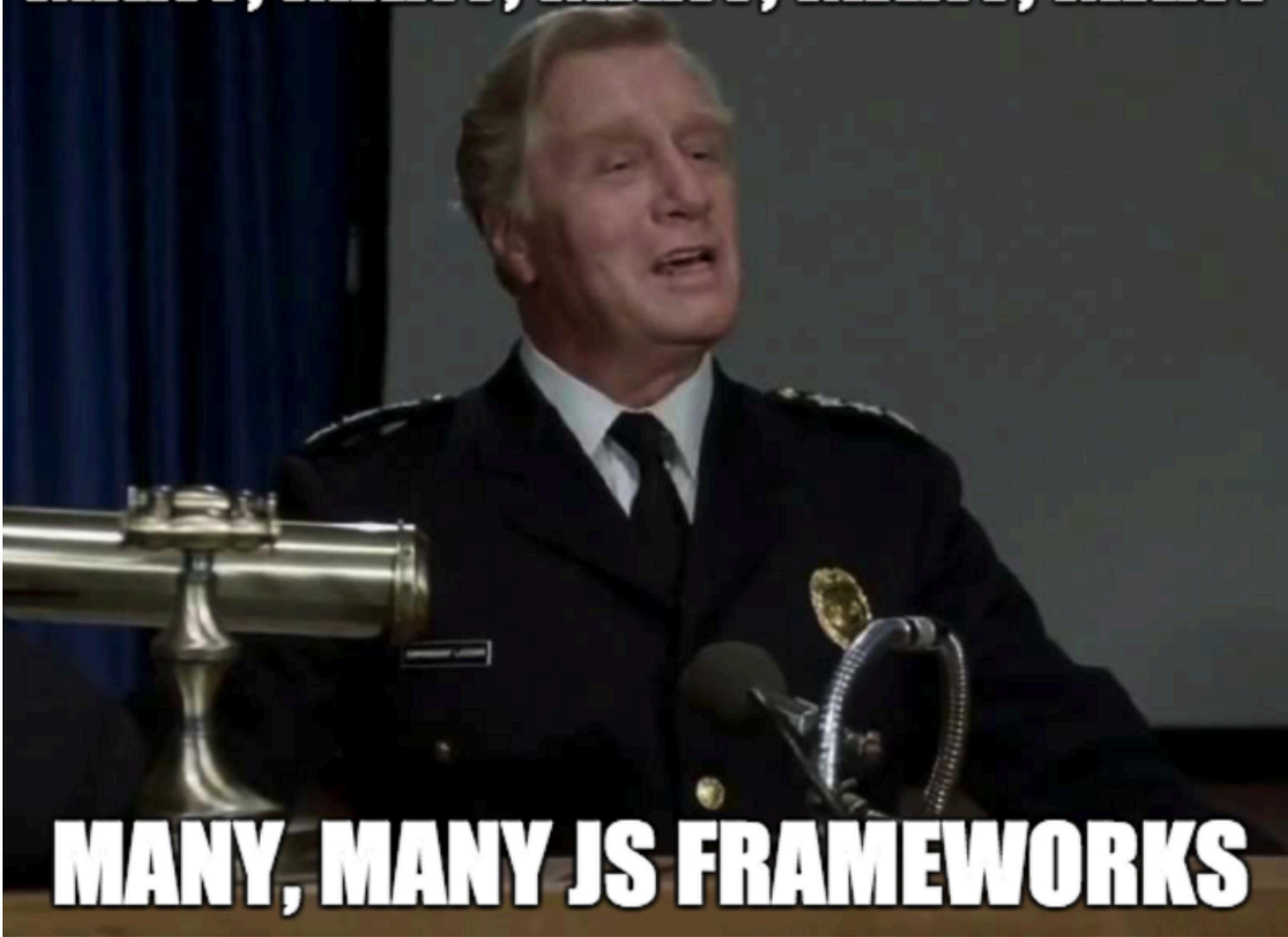
React

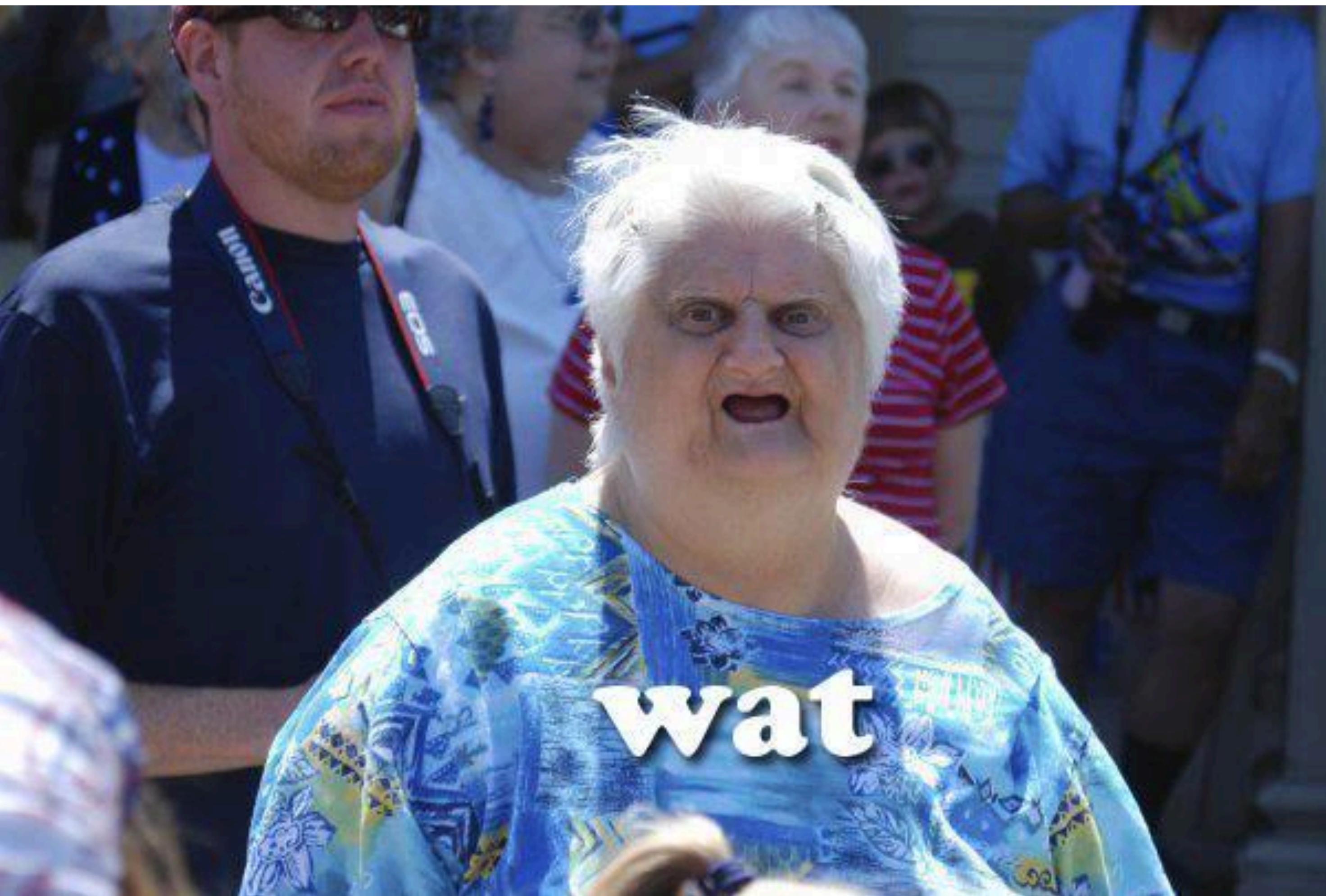






MANY, MANY, MANY, MANY, MANY





TheBuggerTool

(Line:28:1) Uncaught Error: Your Kindle doesn't support your fancy frameworks!



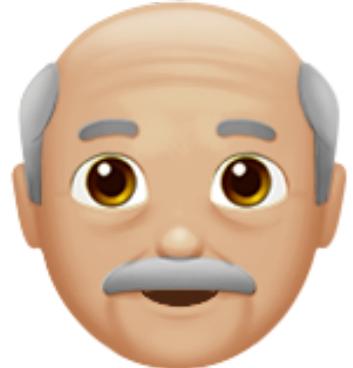
**SO WHAT DID WE LEARN
TODAY?**

**OLD BROWSERS
MOBILE BROWSERS
ACCESSIBILITY BROWSERS
EXPERIMENTAL BROWSERS
... BROWSERS
... BROWSERS
... SUCK.**



HAVE YOU HEARD OF JQUERY MOBILE?

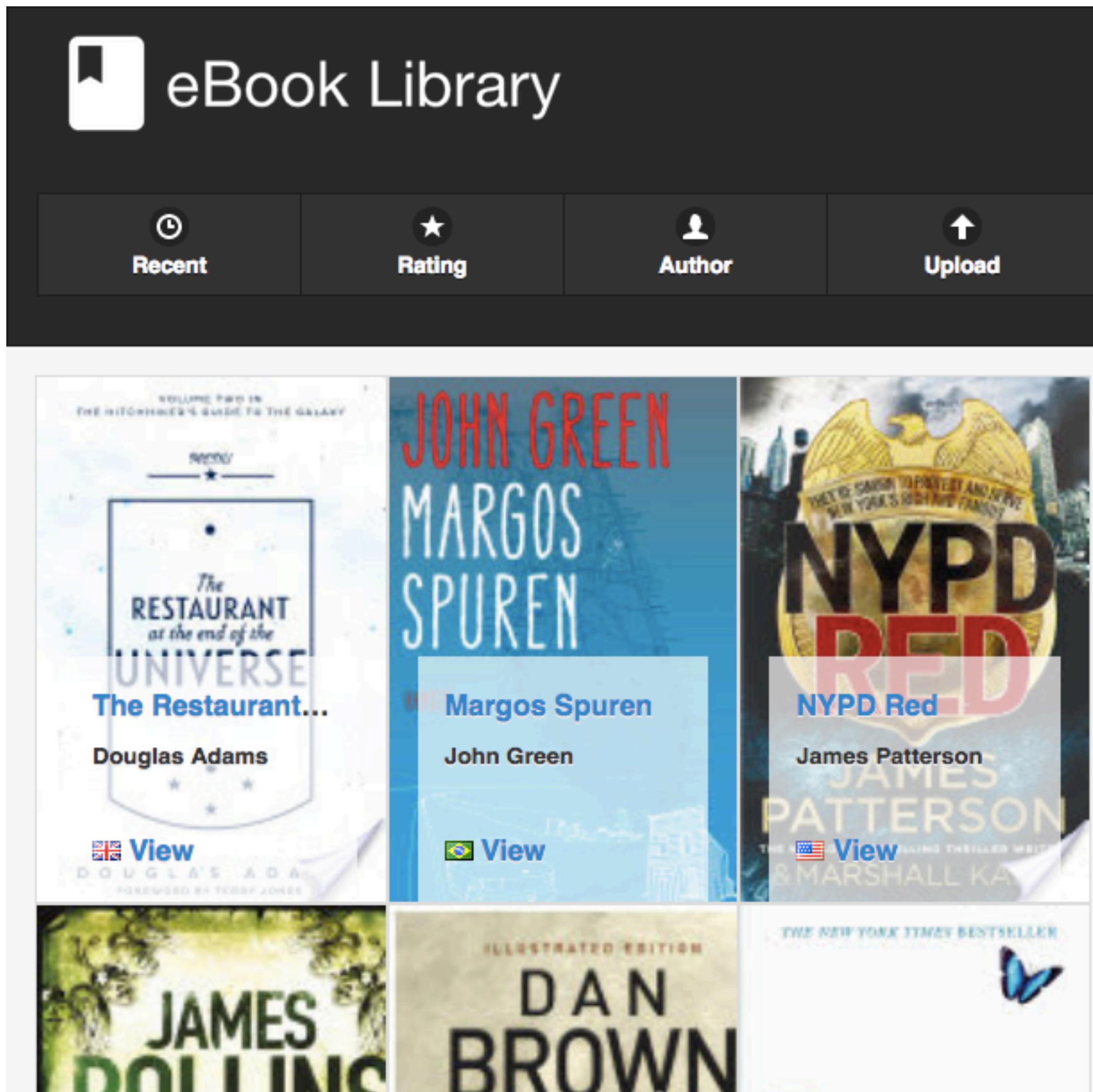




JQUERY?
BUT THAT'S NOT NEW AND
EXCITING?

JQUERY MOBILE IS SUPPORTED BY THE KINDLE BROWSER

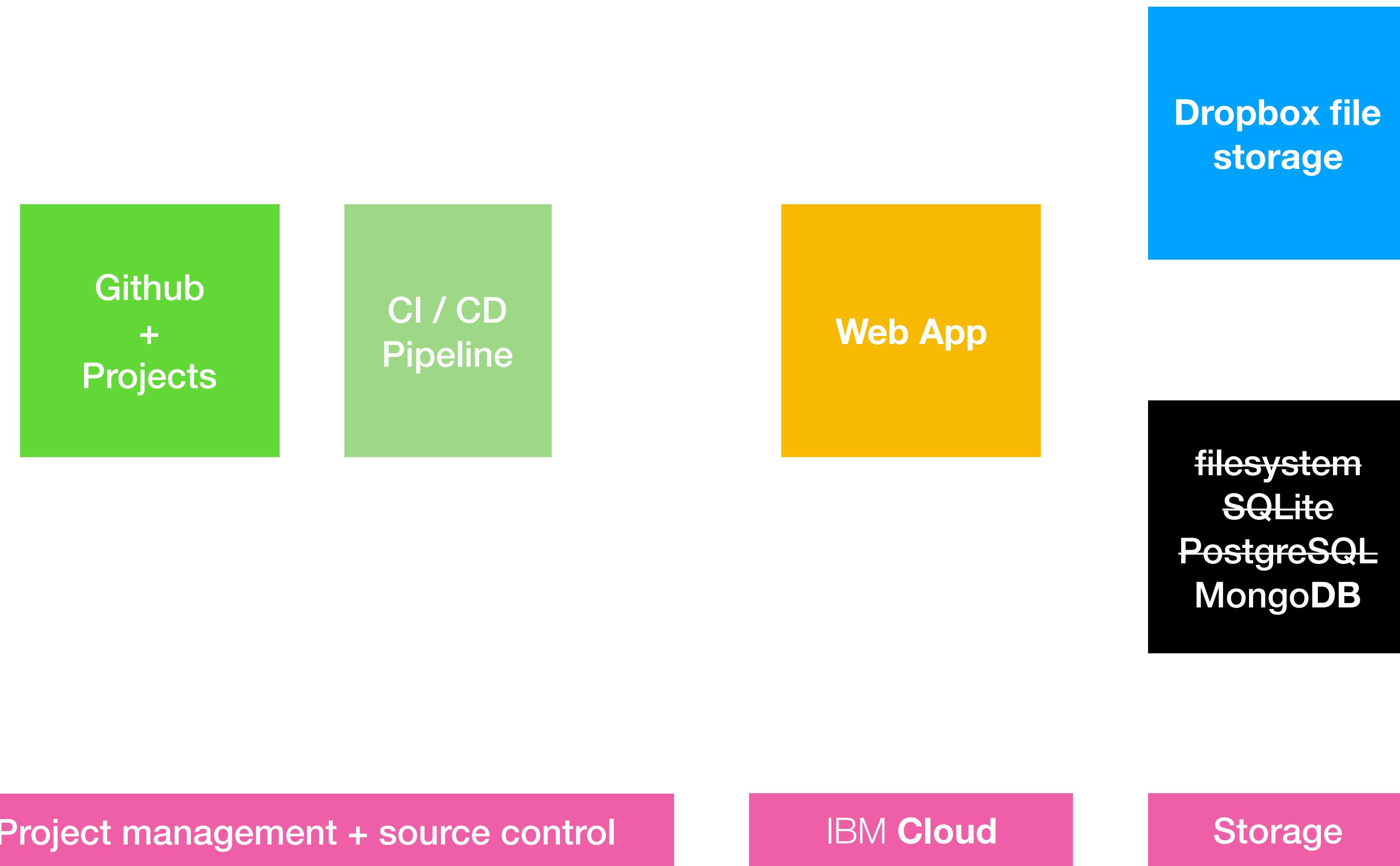
.....



DEMO

A BIT ON THE ARCHITECTURE

INTERNAL JIGSAW PUZZLE



The screenshot shows a GitHub project board for the repository **eBook Library Vanilla**. The board is divided into three main columns: **To do**, **In progress**, and **Done**.

To do:

- Upload page: search Google Books for book details by title
- Search for books on front page
- TheBugger error on Kindle Homepage
- Make text and buttons bigger
- Colour the page background using

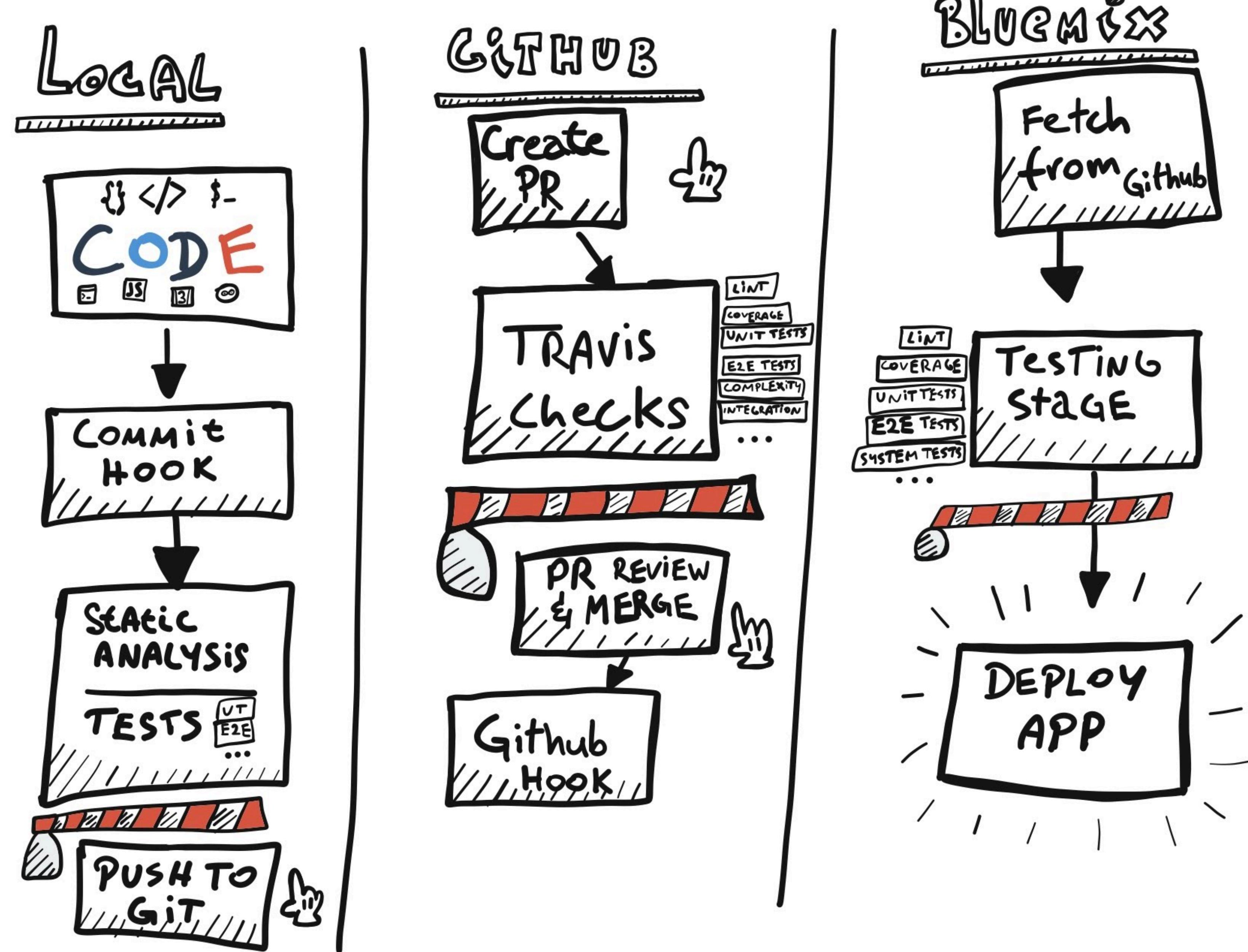
In progress:

- Add password protection with some simple Passport Authentication
- Investigate adding in the dropzone.js

Done:

- Get ebook thumbnails stored in Dropbox
- [Task 5] On save download thumbnail image to assets/ folder and update in db
- Edit book in front-end form
- API: Edit book in backend
- Set limits on book uploads < 10MB

At the top of the GitHub interface, there is a navigation bar with links for **Pull requests**, **Issues**, **Marketplace**, and **Explore**. Below the navigation bar, there are buttons for **Unwatch** (1), **Star** (2), and **Fork**. The GitHub logo and a search bar are also present at the top.



Useful links:

github.com/piotrekkm/ebook-library-vanilla

peterpoliwoda.me/kindle-experimental-web-browser/

peterpoliwoda.me/agile-development-continuous-deployment-framework-with-git/



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