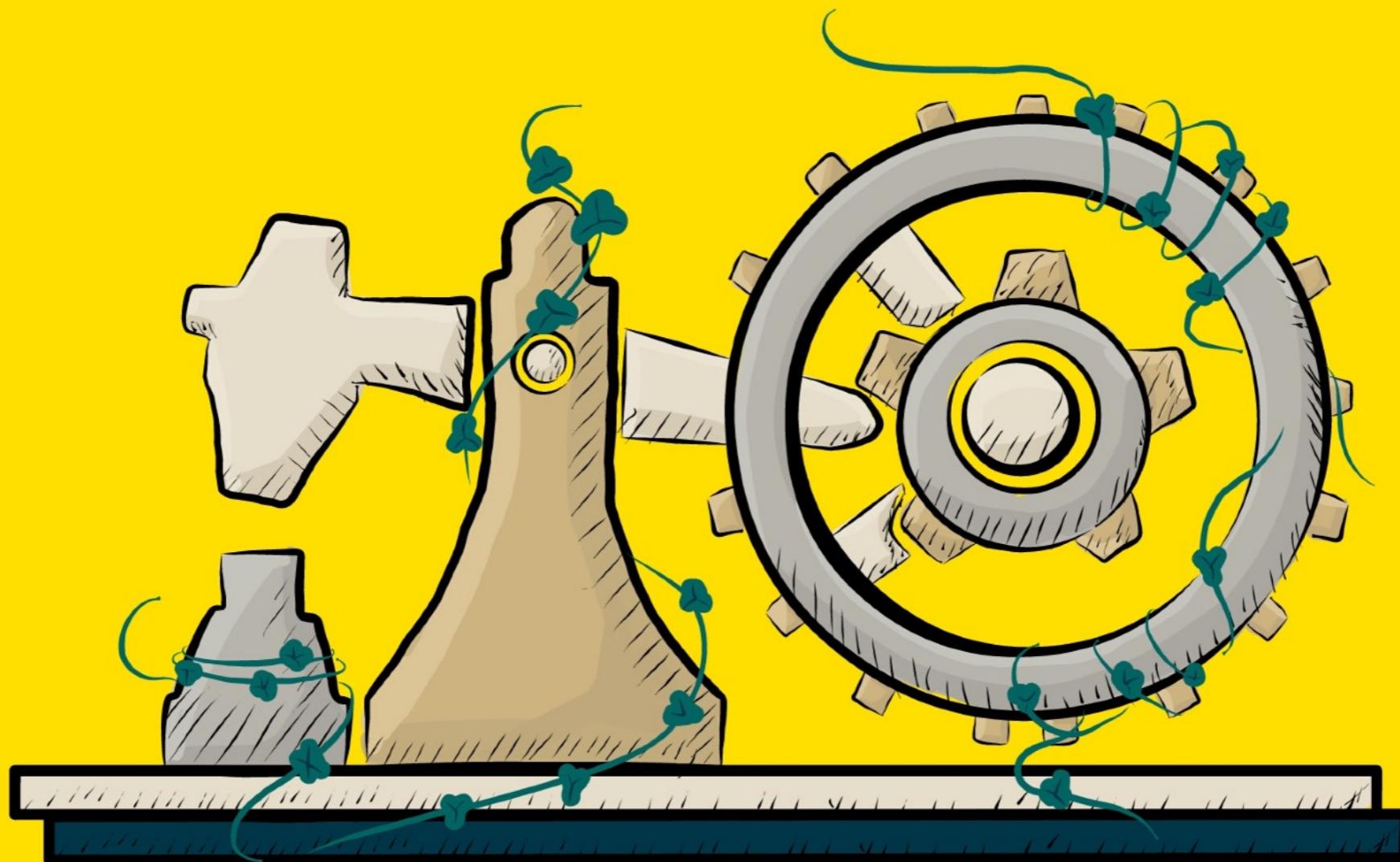


# AUTOMATE YOUR LIFE

*How I use IoT with JavaScript to make my life easier and more fun.*



*Peter Poliwoda*

*Full Stack Developer, IBM*

# CODING JOURNEY

---



- Developed stuff on the side throughout school years
- Started ‘real work’ as a **QA Tester**
- Moved over to **Development** and started a new project for Business Partner Portal in **IBM CIO**
- **Automated** things all the time which gave me the advantage to do my job quicker and better

Secure | https://github.ibm.com/mySA/mySAMobile

Peter

Branch: master | New pull request

Create new file Upload files Find file Clone or download

DKENNEDY committed on GitHub Enterprise Merge pull request #3 from mySA/adding\_navigation

Latest commit f055497 23 minutes ago

| __tests__        | [Task 1] Add in react skeleton     | a day ago      |
|------------------|------------------------------------|----------------|
| android          | [Task 1] Add in react skeleton     | a day ago      |
| img              | [Task 3] Hevelius                  | 5 hours ago    |
| ios              | [Task 3] Hevelius                  | 5 hours ago    |
| src              | Adding navigation to second screen | 35 minutes ago |
| .babelrc         | [Task 1] Add in react skeleton     | a day ago      |
| .buckconfig      | [Task 1] Add in react skeleton     | a day ago      |
| .flowconfig      | [Task 1] Add in react skeleton     | a day ago      |
| .gitattributes   | [Task 1] Add in react skeleton     | a day ago      |
| .gitignore       | [Task 1] Add in react skeleton     | a day ago      |
| .watchmanconfig  | [Task 1] Add in react skeleton     | a day ago      |
| app.json         | [Task 1] Add in react skeleton     | a day ago      |
| index.android.js | Adding navigation to second screen | 35 minutes ago |
| index.ios.js     | Adding navigation to second screen | 35 minutes ago |
| package.json     | Adding navigation to second screen | 35 minutes ago |

Add a README

Help people interested in this repository understand your project by adding a README.

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Carrier 5:29 PM

Channel Value Rewards (CVR) - Sale

for BP1-E6-JD01HD

Incentive Status:

02

Client: 美亚贝

Submit for 2016-09-07T00:00:00Z

+00:00

Expiration Date: 2016-09-07T00:00:00Z

moment: 2016-09-07T08:02:45Z

Oppy Desc:

JS mySAMobile.js

```

EXPLORER
OPEN EDITORS 2 UNSAVED
JS mySAMobile.js src
JS incentivesList.js src
● JS index.ios.js
● Unlinked-1
MYSAMOBILE
__tests__
android
img
ios
node_modules
src
JS incentivesList.js
JS mySAMobile.js
JS Style.js
● .babelrc
● .buckconfig
● .flowconfig
● .gitattributes
● .gitignore
● .watchmanconfig
{} app.json
JS index.android.js
JS index.ios.js
package.json

```

</Text>

<Text style={styles.itemValue}>

</Text>

<Text style={styles.heading}>

OppyDecisionDate:

</Text>

<Text style={styles.itemValue}>

<incentiveData.fields.OppyDecisionDate>

</Text>

<ScrollView>

</View>

formatDataForView(incData) {
 // incData
 // IncentiveSubmitted: '2016-10-10T08:00:00Z'
 // IncentiveExpires: '2017-07-07T08:00:00Z'
 // OppyCreateDate: '2016-09-07T12:03:51Z'
 // OppyDecisionDate: '2016-11-23T08:00:00Z'
}

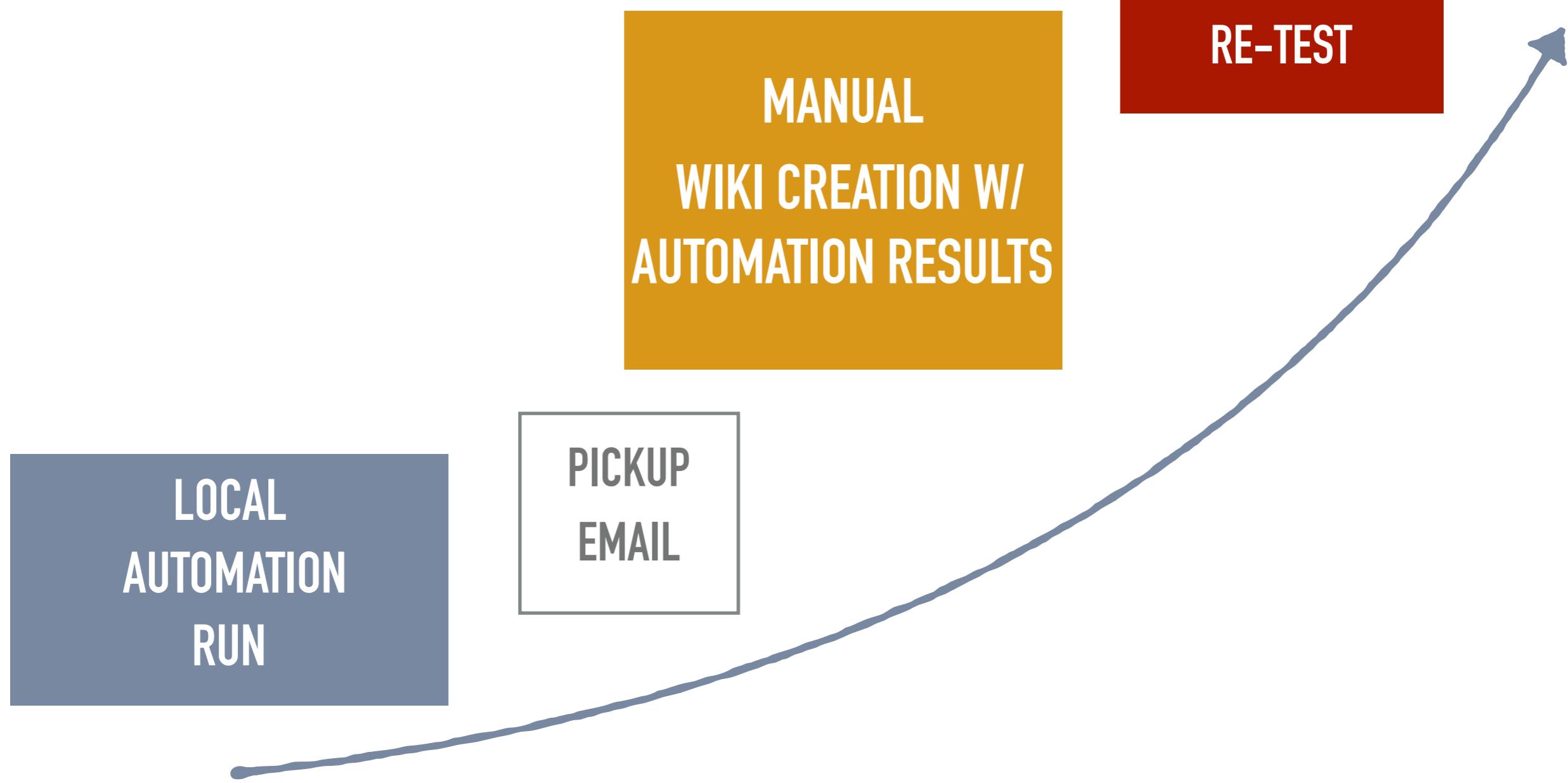
const styles = StyleSheet.create({
 container: {
 flex: 1
 },
 title: {
 color: '#FFFFFF',
 backgroundColor:'transparent',
 fontFamily: 'Helvetica Neue',
 fontWeight: '200',
 flexDirection: 'row',
 fontSize: 24,
 marginLeft: 15,
 marginTop: 20
 },
 commits: {
 color: '#FFFFFF',
 backgroundColor:'transparent',
 flex: 1
 }
},





# OLD MANUAL PROCESS

RESULTS  
EMAIL



SC - UI BVT Automation: 29-April-2015  
 Result Summary for Sugar Ultimate Version 7 (Build r226-33)  
 against server: <https://192.168.1.10:8443>

**BVT Tests**

| Test Area                    | Testcase                               | Result                         |
|------------------------------|--|--------------------------------|
| Collab - Business Card       | s9897BusinessCardTasks                 | MANUAL PASS                    |
| Collab - Embedded Experience | S30658EmbeddedExperienceDisplayUI      | MANUAL PASS                    |
| Collab - Doc Sharing         | s4675ClientShareDocumentWithClientTeam | MANUAL PASS                    |
| Sugar                        | AT_Call                                | PASS                           |
| Sugar                        | AT_FavoriteCall                        | Defect 62216 In Progress       |
| Sugar                        | AT_Client                              | PASS                           |
| Sugar                        | AT_FavoriteClient                      | MANUAL PASS                    |
| Sugar                        | AT_Contact                             | PASS                           |
| Sugar                        | AT_FavoriteContact                     | PASS                           |
| Sugar                        | AT_EUContact                           | PASS                           |
| Sugar                        | AT_Note                                | PASS                           |
| Sugar                        | AT_FavoriteNote                        | PASS                           |
| Sugar                        | AT_Opportunity                         | MANUAL PASS                    |
| Sugar                        | AT_FavoriteOpportunity                 | MANUAL PASS                    |
| Sugar                        | AT_Task                                | PASS                           |
| Sugar                        | AT_Lead                                | PASS                           |
| Manage Events                | s19282ManageEventsUI                   | PASS                           |
| Sugar                        | createRli                              | PASS                           |
| Sugar                        | editRli                                | MANUAL PASS                    |
| Sugar                        | deleteRli                              | MANUAL PASS                    |
| Search                       | s1950VerifyContactGlobalSearch         | FAIL- Not able search contacts |
| Analytics                    | s2667RecommendedDocFilterSalesKit      | MANUAL PASS                    |

**CollabAPI - Veena**

| Testcase                      | Result |
|-------------------------------|--------|
| s30329CheckCommunity:         | PASS   |
| s30329CheckCommunityStatus:   | PASS   |
| s30329CheckCommunityStatusl:  | PASS   |
| s30329CheckCommunityStatusFor | PASS   |
| s30329ClientEventRetrieve/    | PASS   |

# 'OLD' WIKI RESULTS

**MANUAL TESTS ARE  
BORING AND TEDIOUS  
ENOUGH ON THEIR OWN**

# Manual upload

Upload a testng-results.xml file to create a report manually.

**Report file:**

No file chosen

**Select environment**

SVT5

**Build**

r35\_sev1\_90-1

**BVT Level**

BVT

# BUILD THE WIKI FOR ME

*Create BVT results table from an xml file*

# REPORT PAGE

- Report top view
- Report meta data
- Sanity results
- Grouped test results

SalesConnect BVT Dashboard

Home Environments

Latest ()

r361

- r361-20 (BVTLevel1)
- r361-20 (BVTLevel0)**
- r361-17 (BVTLevel1)
- r361-17 (BVTLevel0)
- r361-17 (BVTLevel1)
- r361-17 (BVTLevel0)

r36

- r36-53 (ALLBulkLeadsAPI)
- r36-53 (ALLNotesAPI)
- r36-53 (ALLCallsAPI)
- r36-53 (ALLRLIAPI)
- r36-53 (ALLOpportunitiesAPI)
- r36-53 (ALLTasksAPI)
- r36-53 (ALLLeadsAPI)
- r36-53 (ALLNotesAPI)
- r36-53 (ALLCallsAPI)
- r36-53 (ALLRLIAPI)
- r36-53 (ALLOpportunitiesAPI)
- r36-53 (ALLTasksAPI)
- r36-53 (ALLLeadsAPI)

## SalesConnect BVT Report

### Test results

Passed tests Failed tests

**129** 4

Build: r361-20  
Environment: <https://stage.sugarsync.com/api/v1/test/salesconnect>  
Started at: 2016-10-14T04:36:20-04:00 (2 days ago)  
Finished at: 2016-10-14T05:23:07-04:00 (2 days ago)  
Duration: 46min 46s (2806617 ms)

Sanity: PASS

### Group results

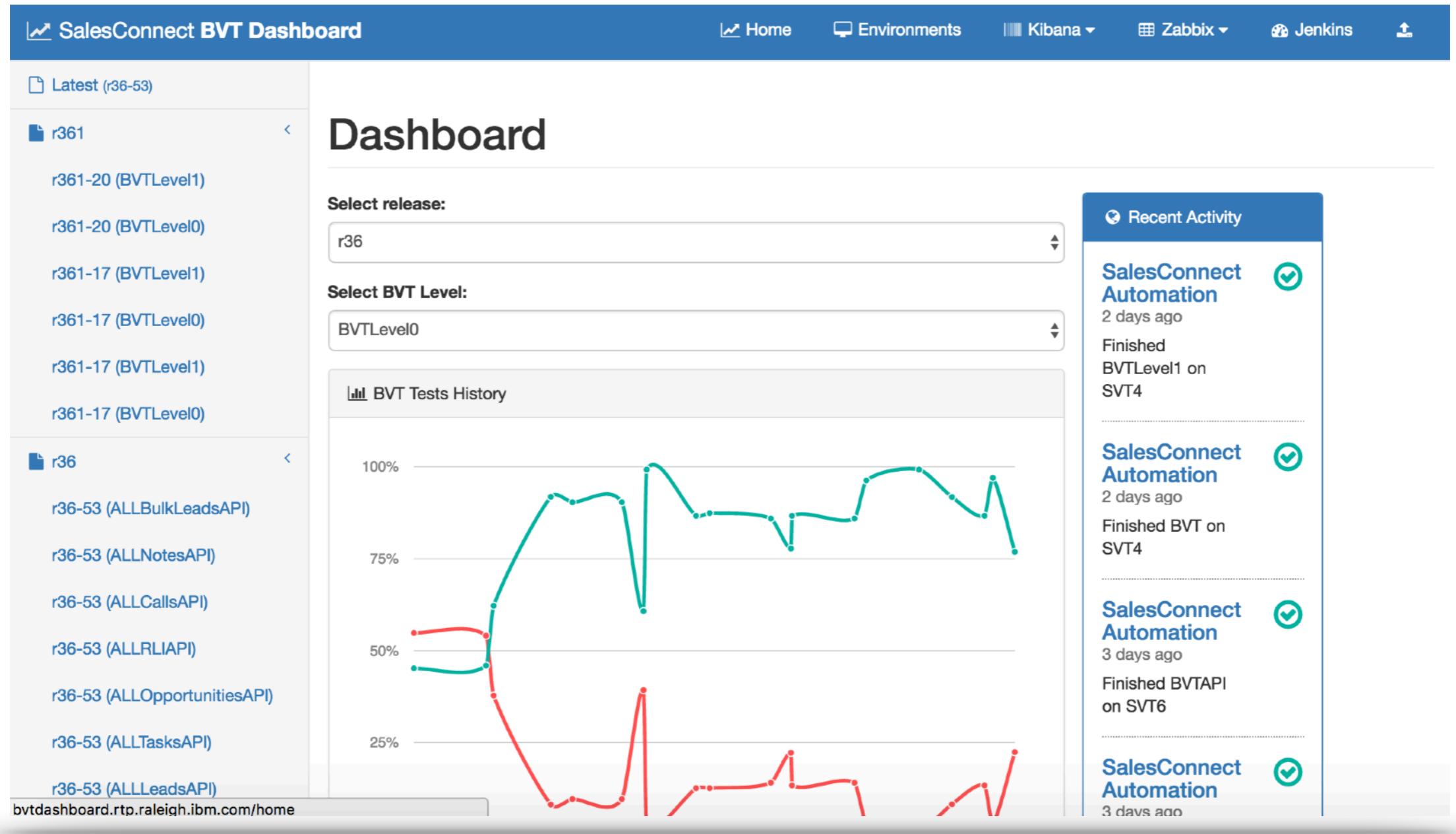
Group

Mobile tests BVT0 tests

### Detailed results

Mobile tests

MeRestAPITests Test\_verifyPassword  
CallRestAPITests Test\_deleteCall  
Test\_createCall



# BVT DASHBOARD

*Graphs, reports and quick view*

## Test Environments

Connections servers, IEBs, build versions



SVT1

Data currently unavailable.



SVT3

Hostname:  
loading...  
Sugar version: loading...  
Connections Server:  
loading...  
IEB Server:  
loading...

○ Loading sanity test results...



SVT4

Hostname:  
[svt4sugar.sugar-test.com](http://svt4sugar.sugar-test.com)  
Sugar version: r361-20  
Connections Server:  
<https://r361-20.sugar-test.com>  
IEB Server:  
<https://internetexplorer.sugar-test.com>

Sanity Test results

All Test Cases PASSED, a total number of  
28 Test Cases were run



SVT5

Hostname:  
[svt5sugar.sugar-test.com](http://svt5sugar.sugar-test.com)  
Sugar version: r35\_sev1\_90-1  
Connections Server:  
[https://r35\\_sev1\\_90-1.sugar-test.com](https://r35_sev1_90-1.sugar-test.com)  
IEB Server:  
<https://internetexplorer.sugar-test.com>

Sanity Test results

All Test Cases PASSED, a total number of  
28 Test Cases were run



SVT6



T1

# ENVIRONMENTS

*SVT Systems details*

**BRO, DO YOU EVEN  
JENKINS?**

# HOW THE PROCESS WORKS NOW

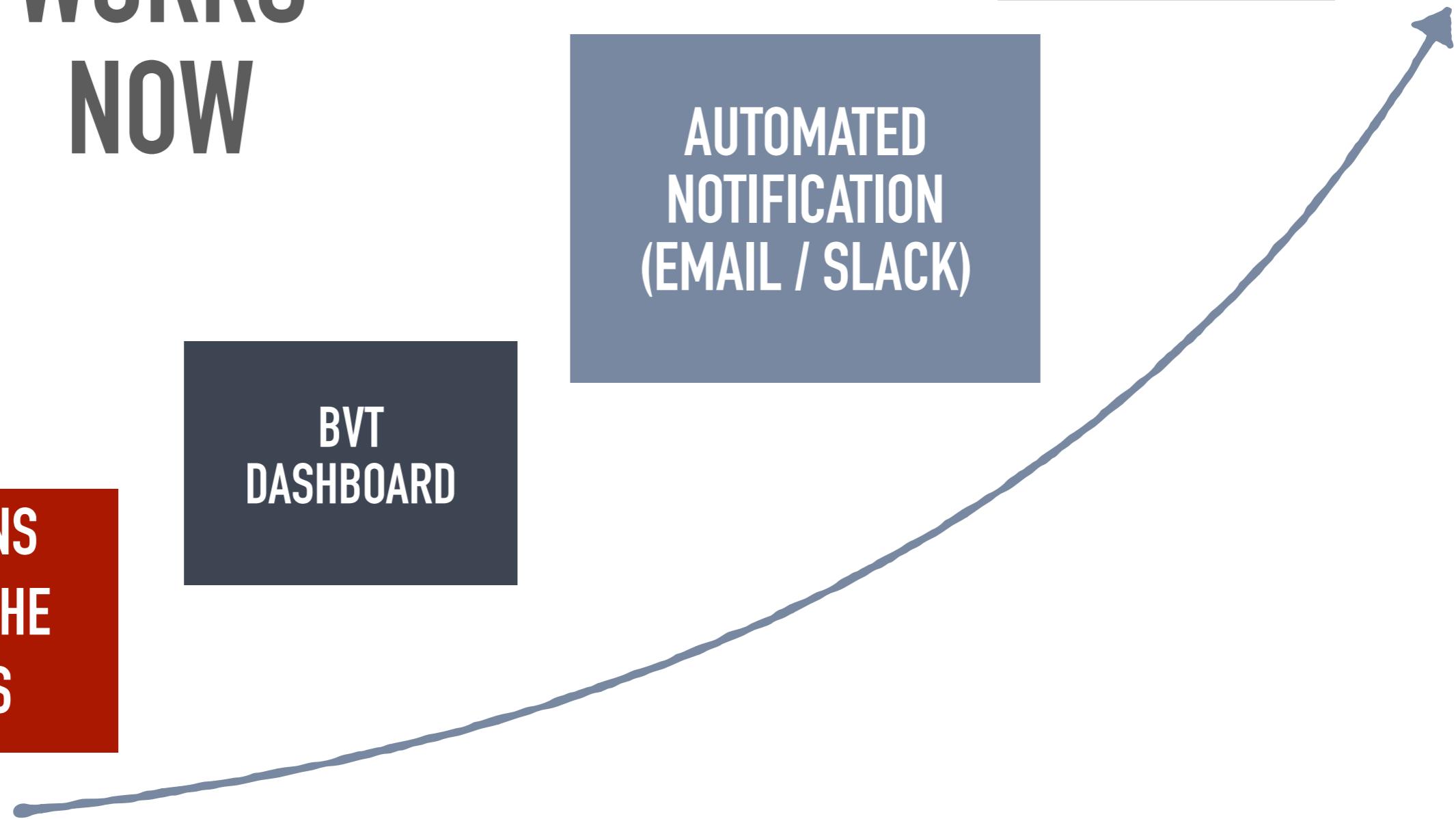
JENKINS  
RUNS THE  
TESTS

BVT  
DASHBOARD

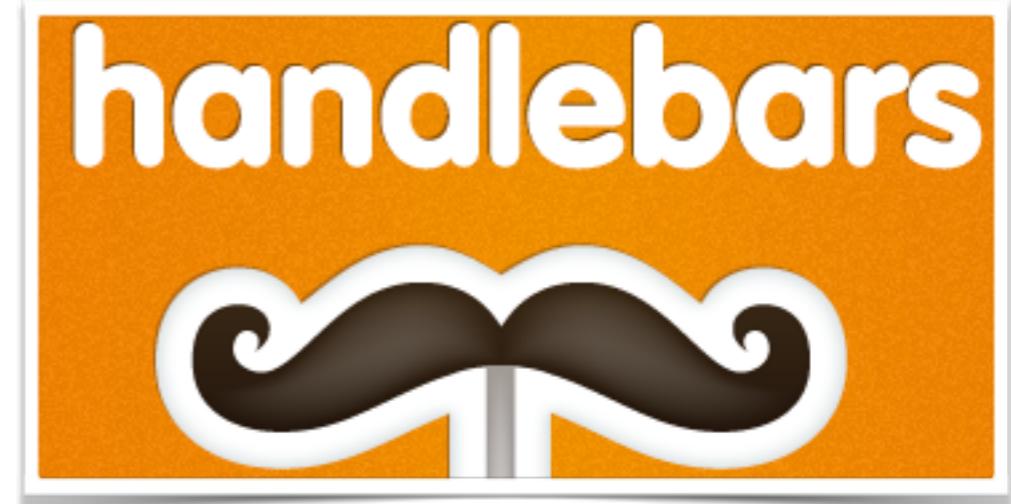
AUTOMATED  
NOTIFICATION  
(EMAIL / SLACK)

MANUAL  
INPUT

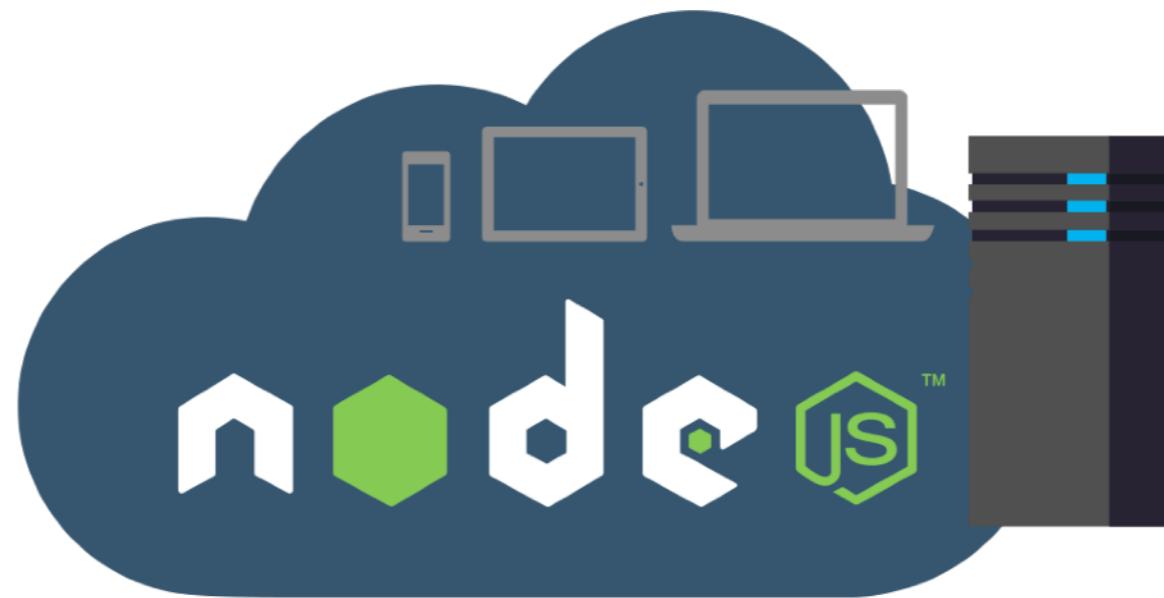
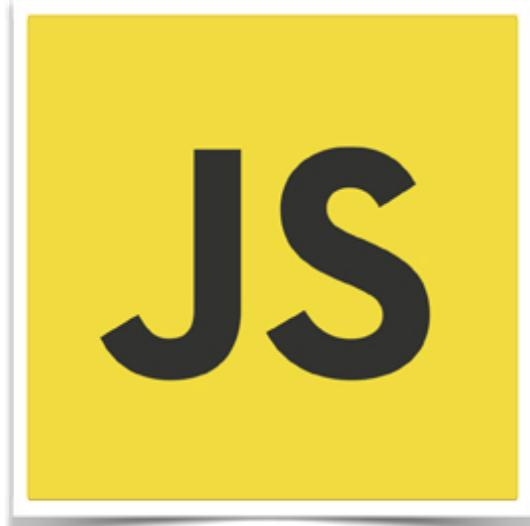
EMAIL



# USED THESE COOL TOOLS!



mongoose



JQUERY?  
BUT THAT'S NOT NEW AND  
EXCITING?

# HAVE YOU HEARD OF JQUERY MOBILE?



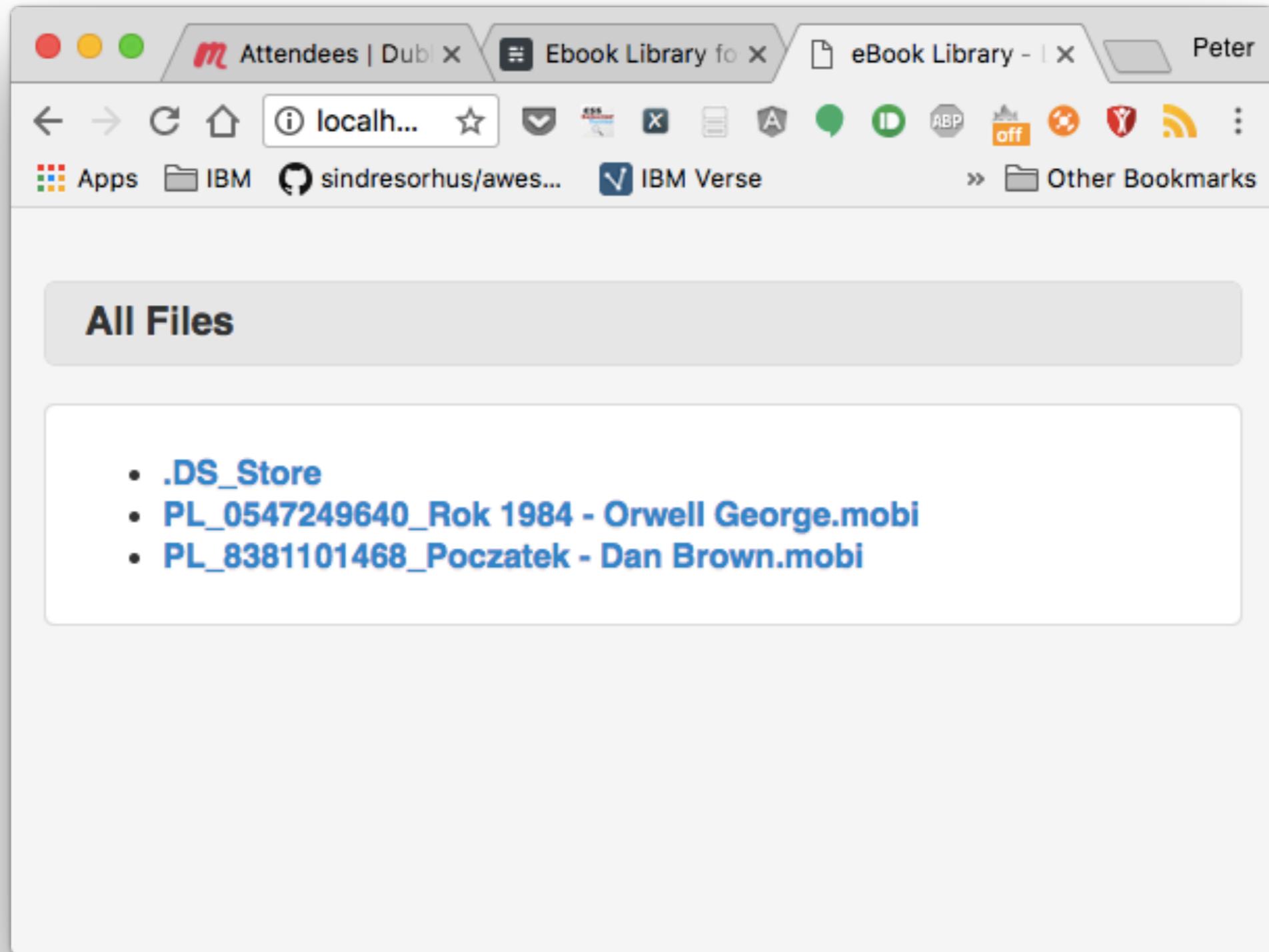
# PROBLEM: BOOKS ON KINDLE NOT FROM AMAZON STORE

---



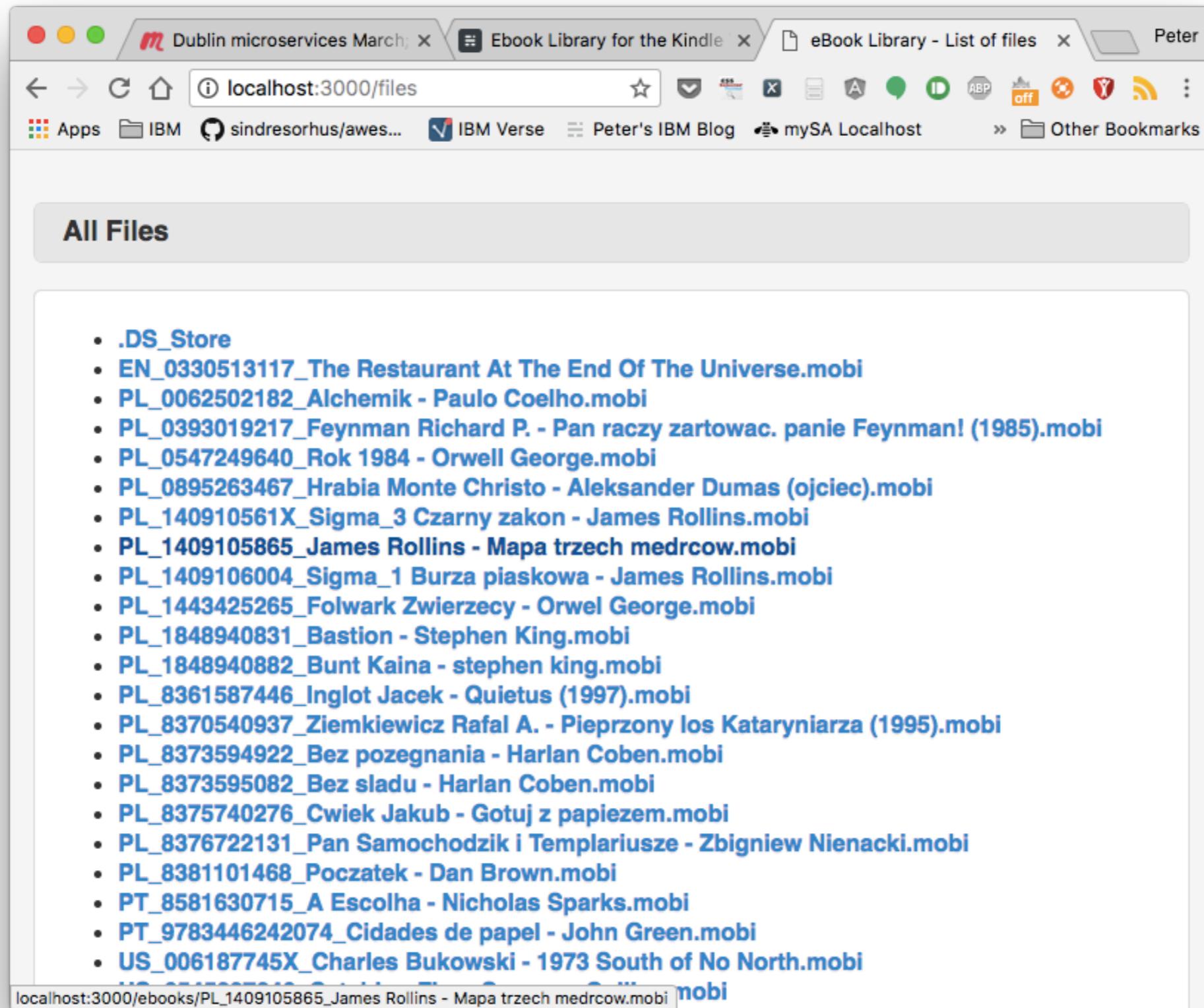
# QUICK&DIRTY SOLUTIONS DO WORK

---



# BUT OFTEN TIMES CREATE MORE PROBLEMS!

.....



# LET'S BUILD A KINDLE STORE!

---

Books: 43 Google Queries: 5

BY RECENT BY RATING BY TITLE BY AUTHOR

THE SUNDAY TIMES BESTSELLER  
STEPHEN CLARKE  
**1000 YEARS  
of ANNOYING  
the FRENCH**  
1000 Years of Annoying the French  
Stephen Clarke  
★★★★★

GEORGE  
**1984**  
1984 George Orwell  
★★★★★

NICHOLAS SPARKS  
**A ESCOLHA**  
A Escolha  
Nicholas Sparks  
★★★★★

Animal Farm  
George Orwell  
★★★★★  
Animal Farm

Harlan COBEN  
**Bez pożegnania**  
Bez pożegnania  
Harlan Coben  
No rating

**BLACK ORDER**  
Would you give your life to break the cycle?  
JAMES ROLLINS  
Black Order  
James Rollins  
No rating

**CATCHING FIRE**  
The Second Book of The Hunger Games  
Suzanne Collins  
★★★★★

THE PELICAN SHAKESPEARE  
**Hamlet**  
Edited by William Fulke  
Hamlet  
William Shakespeare  
No rating

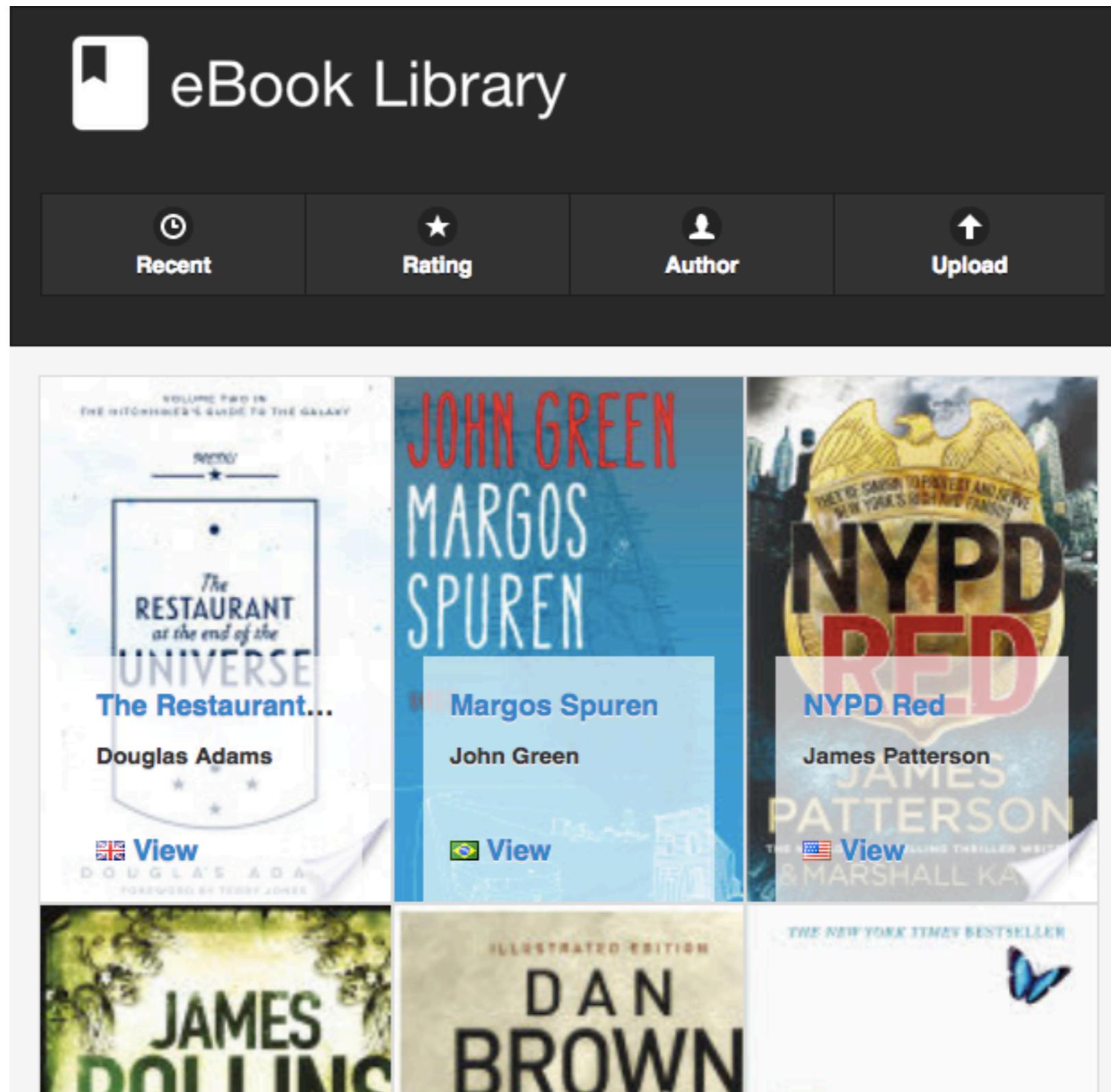
Każdy szczyt ma swój Czubaszek  
Maria Czubaszek  
No rating

**HENNING MANKELL**  
KENNEDY'S BRAIN  
Kennedy's Brain (Large Print 16pt)  
Henning Mankell  
★★★★★

**MAP OF ROME**  
More Notes of a Dirty Old Man  
The Wall Street Journal Columnist  
Colm Tóibín

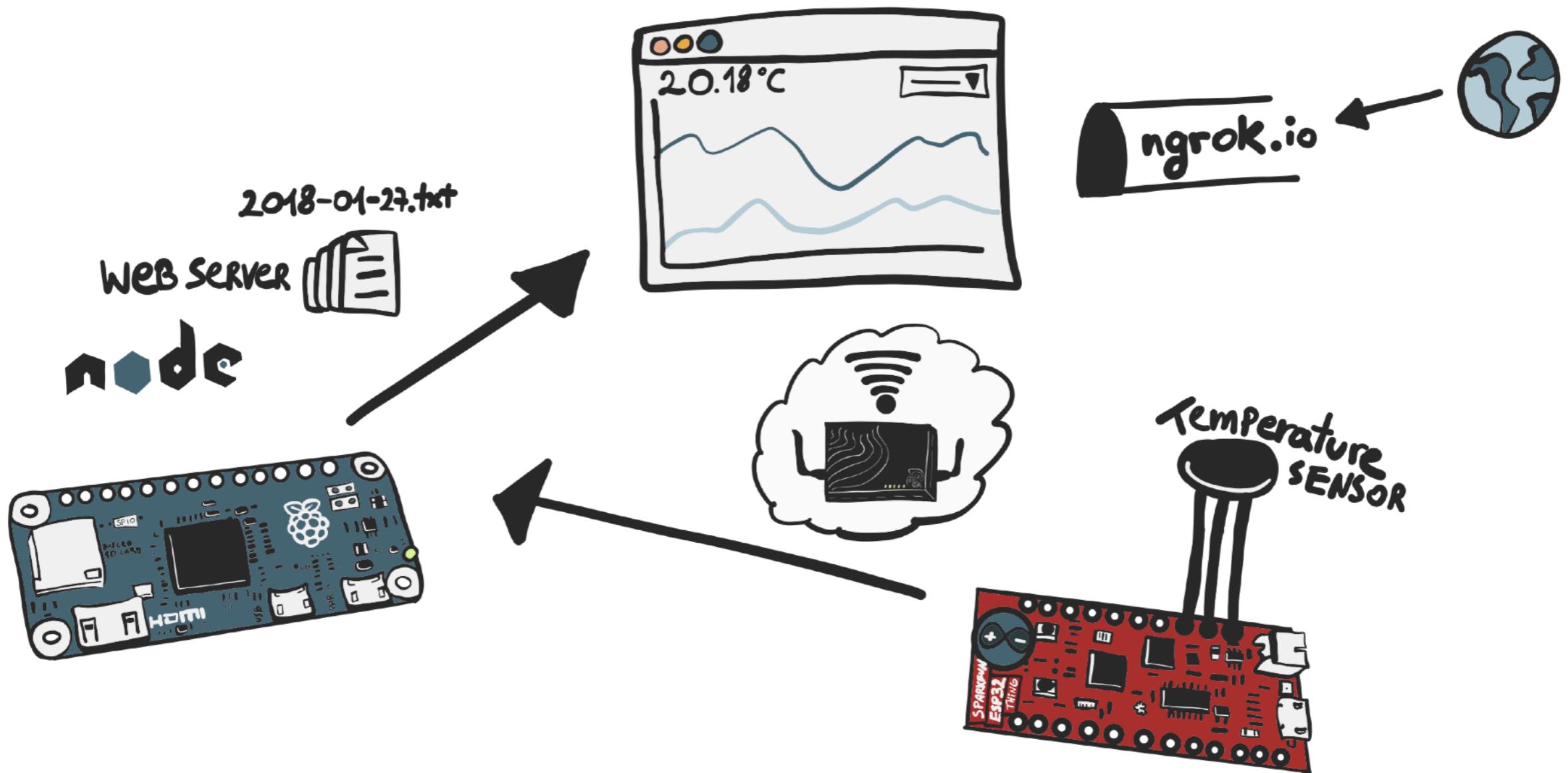
# JQUERY MOBILE IS SUPPORTED BY THE KINDLE BROWSER

---



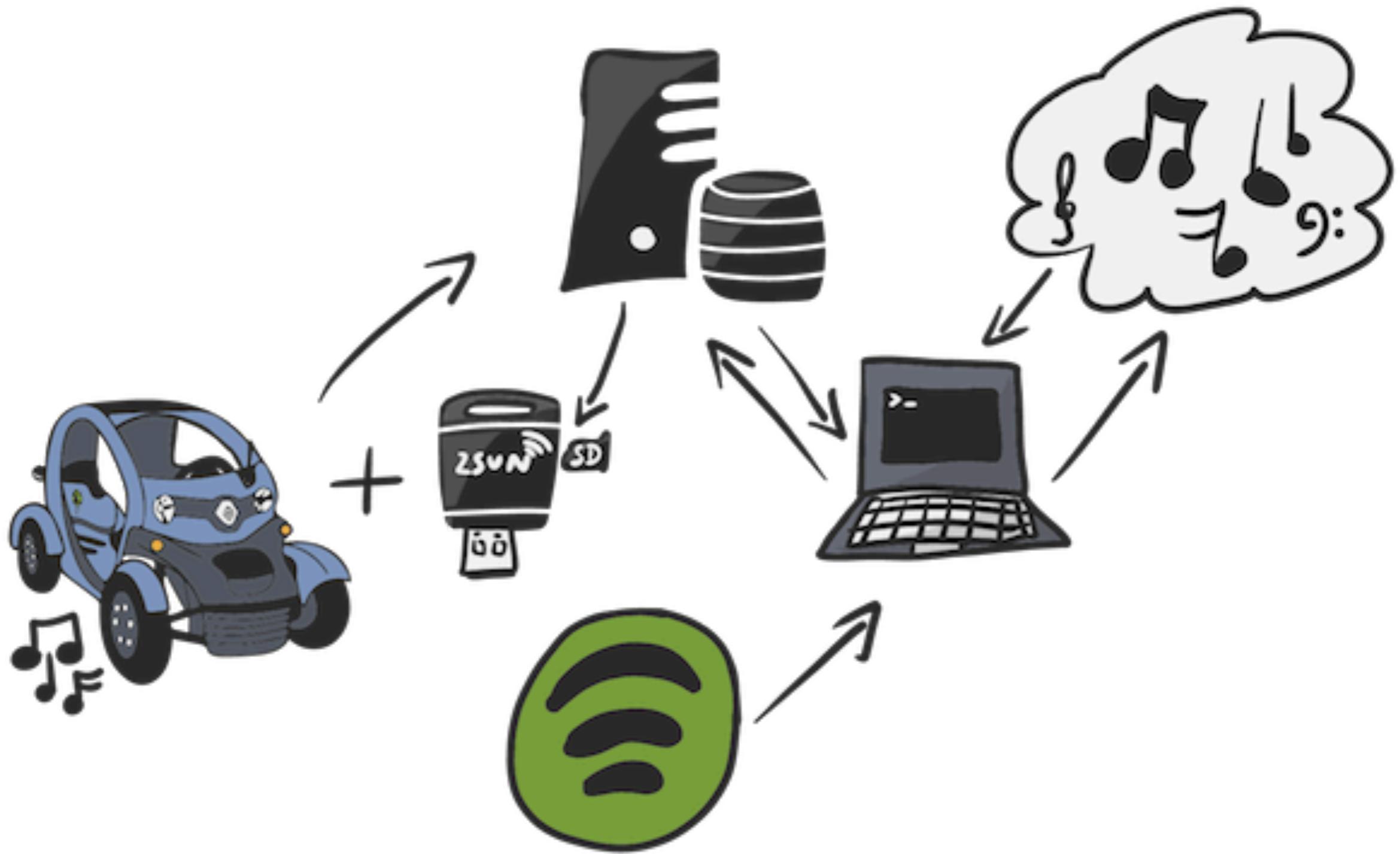
# HOW ABOUT HOME AUTOMATION?

---

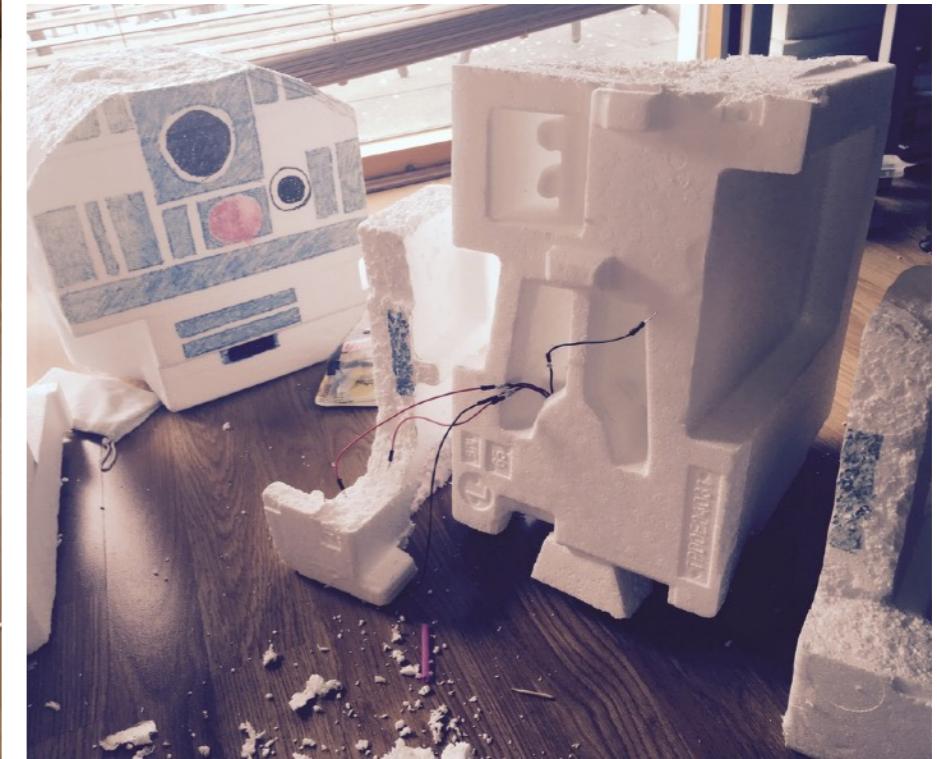


# CAN I PUT SPOTIFY IN MY CAR?

---







*My hobbies generally involve making a mess in my apartment*



St. Patty's Day Weekend 



Home surveillance: Portal Style

# CHASED BY PENGUINS

---

*Tales of a South Pole*





www.PETER  
POLIWODA.ME



@peterpoliwoda



[github.com/peterpoliwoda](https://github.com/peterpoliwoda)