

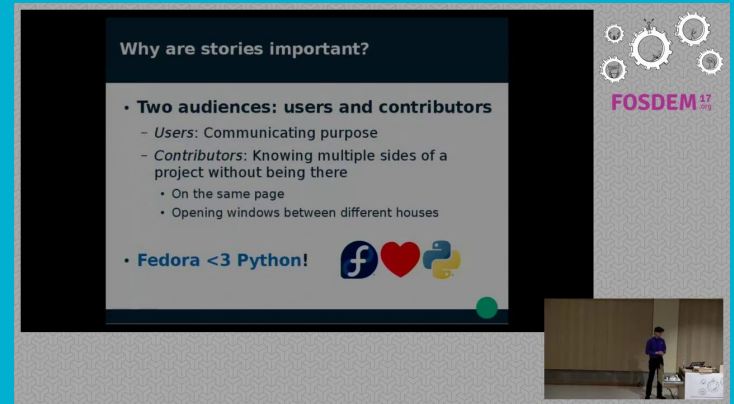
Open source story: MagicBox

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About me

- Open source contributor
- Speaker on open source
 - All Things Open (Raleigh, NC, US)
 - DevConf 2017, 2018 (Czech Republic)
 - Flock 2015, 2016, 2017 (New York, Poland, Massachusetts)
 - FOSDEM 2017 (Belgium)
 - OSCAL 2017 (Albania)
- Opensource.com community moderator
 - Over 20 articles published



Speaking on-stage at FOSDEM 2017, largest open source conference in Europe

Digital Innovation Principles

6. Use Open Standards, Open Data, Open Source, and Open Innovation

- Adopt and expand existing open standards.
 - Use open data and functionalities and expose them in documented APIs (Application Programming Interfaces) where use by a larger community is possible.
 - Invest in software as a public good.
 - Develop software to be open source by default with the code made available in public repositories and **supported through developer communities.**
-

Why I'm here

- **Focus:** Open source community management
 - Developing the developer communities

- Not code contributions, but project management and workflow development

25.3 million

Active open source projects on GitHub

Agenda

- Investments in open source methodology since January 2018
 - Why we do it
 - What this means for MagicBox
- Evaluate impact of changes on workflow
- Next steps to continue community development

What's new since January 2018

unicef > Projects > MagicBox - Development

Filter cards

+ Add cards Exit fullscreen Menu

17 Backlog

- Colombia shapefile (mpio.json) should be fetched from api rather than be required in react app. **enhancement**
- Given database of kiosks with internet, assign school that currently has no data, a connectivity value based on distance to nearest kiosk. Added by mikefab
- Configure Fredy's pipeline to get files from file storage, and dump results into file storage. Currently, paths to CSVs to be read are hard coded. Perhaps we should have a directory for each country, and the CSV names are assigned by doing readdir command. Added by mikefab

11 To Do

- Aggregate land slide risk by municipality **enhancement**
- Add population points as layer **enhancement**
- Add roads shapefile as layer. **enhancement**
- Add option to color schools by distance to nearest health facility **enhancement**
- Add logarithmic color scale for population. **enhancement**
- Add loading spinner for each dataset: schools.json & mpio.json **enhancement**

Automated as **To do** Manage

4 In progress

- Issue-30: travis build broken (but says it's passing) **enhancement** **needs feedback**
- Determine where to begin writing tests and refactoring **enhancement** **help wanted**
- Map relationships between apps, repos, and azure resources. **internal organization** **priority:low**
- Mobility: Map should display date for mobility being displayed **enhancement**

Automated as **In progress** Manage

38 Done

- House keeping **enhancement** **needs feedback**
- [DO NOT MERGE] build exp... **enhancement**
- Upgrade packages, address CVE-2018-7307 **bug**
- Add contributing guidelines placeholder (closes #23) **enhancement**

Automated as **Done**

GitHub project boards

Transparent, public project management across internal and external efforts

GENERAL:

[Administrative boundaries](#)

DATA:

[Access control](#)[Ingesting data into MagicBox](#)[Querying MagicBox data](#)[Data ingestion rules](#)[Data validation](#)[Data visualization](#)

ADMINISTRATION:

[How to deploy an application](#)

MagicBox documentation

MagicBox is an open-source platform that uses real-time information to inform life-saving humanitarian responses to emergency situations. It's composed of multiple GitHub repositories designed to ingest, aggregate, and serve data.

General:

- [Administrative boundaries](#)
 - [Levels](#)
 - [Why we use them](#)
 - [Naming string explained](#)

Data:

- [Access control](#)
 - [Tokens](#)
 - [Rules](#)
- [Ingesting data into MagicBox](#)
 - [School data ingestion](#)
 - [School data database](#)

ReadTheDocs documentation tools

Centralized and unified documentation

✓ master add mpio

🔗 #45 passed

🔗 Commit 67440c3

🕒 Ran for 43 sec

🔗 Compare 3c2db7a..67440c3

📅 2 months ago

🔗 Branch master

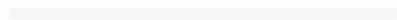
👤 mikefab authored and committed

Breakdown

87 FILES



MAINTAINABILITY



TEST COVERAGE

Codebase summary

MAINTAINABILITY



6 days

TEST COVERAGE



Repository stats

CODE SMELLS

19

DUPLICATION

16

OTHER ISSUES

7

Continuous integration and health checks

Real-time feedback to ship code that works and is maintainable

2.0 Makes search great again #88

Edit

 **Open** carloscdias wants to merge 5 commits into 2.0_dev from 2.0_fix_search_speed

 Conversation 0

 Commits 5

 Files changed 5

+96 -35 



carloscdias commented 17 days ago

Member



Summary

With the changes introduced by the presence of a huge amount of school names, the search component slugged the entire application. This PR creates a webworker to do the preliminary name processing and sets the options and filter as state variables, stopping re-processing them every time the app renders itself.



2



1

Reviewers



 mikefab



 rdebeasi



Assignees



No one—assign yourself

Labels



None yet



Changes approved

[Hide all reviewers](#)

2 approving reviews [Learn more](#).



 mikefab approved these changes

[See review](#) [Dismiss review](#)



 jflory7 approved these changes

[See review](#) [Dismiss review](#)



 carloscdias was requested for review



All checks have passed

[Hide all checks](#)

1 successful check



 continuous-integration/travis-ci/pr — The Travis CI build passed

[Details](#)



This branch has no conflicts with the base branch

Merging can be performed automatically.

[Merge pull request](#)



or view command line instructions.

Pull request workflow

Working transparently and taking advantage of new services

Impact on workflow

What's next

1

Master the workflow

2

Expand developer docs

3

Write public user docs

4

Promote mission identity
and brand to OS community

5

Map out starter tasks

Always

Keep writing!

Continuing forward...

- Now that the groundwork and foundation for building a community is established...
 - Further advancing towards goal of open source community development
 - Continue sharing compelling nature of problems and challenges to the open source community that specifically further engages them