how an open source project is freeing official municipal records for 47 million people in Brazil (and counting!)

Buenos Aires, csv,conf,v7
April 2023
why we did it
what we did
how we made it
who is using and what for
what’s next
5,570 autonomous cities...
... and zero standards for official records publication
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‘data deserts’
public purchases
contracts
appointments and dismissals
local legislation
public policy
etc...

‘data deserts’
Explore os diários oficiais dos municípios e fique de olho nas ações dos governos

Acompanhe a evolução do Querido Diário

- **66** Cidades já na plataforma
- **2420** Cidades já têm robôs para coletar diários
- **600** Cidades já foram mapeadas pelo censo
More than a platform: it's an open infrastructure
4 COMPONENTS:

- Data engineering (scrapers and processing)
- Open Data (public API)
- Search console in a web platform
- Intelligence (other public datasets)

Exploring: artificial intelligence contextualizing, categorizing and enriching data
A well-oiled participation machine
● Open Source and available on Github: more than 850 stars, 320 forks, 80 contributors...
● Community in Discord: almost 600 people
● School of Data training: two cohorts of “Python for Civic Innovation”, more than 300 people
● Sprints in conferences such as Python Brasil and CODA.Br
- Civic Innovation Ambassadors: more than 150 people in the network
- Cooperation with Universities: agreement with 3 higher education centers; students and professors are exploring technical solutions
- Open calls for local journalists: 7 accounts on local issues published
Example of a report on basic sanitation made by an independent journalism group using the tool
... for monitoring the adoption of ICT in education
... for monitoring climate change related policies

Encontre um ato ambiental
O diário do Clima filtra as informações dos diários oficiais para você descobrir o que precisa mais fácil e rapidamente

Começar a buscar

coming soon!
67 cities available (and counting!)

47.25 million people impacted (22% of Brazilian population)
So what’s next?

- Improve the architecture
- Escalate → 250 → 1,600 cities
- NLP and other AI applications
- An open source system for cities (open by default)?
Join us!
Quick facts about OKBR

Operating in Brazil since 2013

- 15 people in the executive team
- +150 volunteers
- ~400K USD annual budget

4 lines of action:

1. Advocacy & Research
2. School of Data
3. Data Science for Civic Innovation
4. Services & Cooperation
Let’s talk!

Fernanda Campagnucci
Executive director of Open Knowledge Brazil

Visit ok.org.br (or the QR Code) to learn more about our work (Portuguese only)