

Open Data Maker London

#opendatamaker #london

IRC channel: #okfn - join via [this link](#)

<http://okfnlabs.org/> - <http://okfnlabs.org/>

<http://bit.ly/opendatamakerlondon>

Getting started

- Add your name and email on the attendance form - <http://okfnlabs.org/events/attendance/>
- check out the [guides](#)

5 Feb 2015

Get started packaging data: <http://data.okfn.org/doc/publish>

([Getting Started](#) as core dataset curator)

Reporting issues: <https://github.com/okfn/data.okfn.org/issues>

<https://github.com/okfn/data.okfn.org>

Example maintaining:

```
git clone https://github.com/datasets/finance-vix
```

```
. scripts/process.sh
```

```
git diff
```

Present

- [Harry Wood](#) @harry_wood - OpenStreetMap - TransportAPI.com
 - UK POIs
- [Ross Mounce](#) @rmounce - postdoc - University of Bath finance-vix
- Tony Bowden (mySociety)
- Santiago Martín @_stmartin
- Anna Powell-Smith
- Sion (from Friends of The Earth)
- Tom (My Society)
- John Sheridan @johnlsheridan (Legislation Services, The National Archives)
- Riyadh Al Balushi (phd student, SOAS) - Airports
<https://github.com/bluechi/Airportcodes>
- Arturas Verbickas
- Rufus Pollock (Open Knowledge)
- Sam Leon (Open Knowledge)
- Sanjay Poyzer @sanjaypoyzer -
<https://github.com/sanjaypoyzer/general-election-candidates-2015-datapackage>
- Christian Ledermann <https://github.com/iwlearn/project-data>

What we're working on

- A
- B
-
- Ross - making a cronjob which updates a [github.com/datasets/\\$dataset](https://github.com/datasets/$dataset) at regular intervals
- Sam and Arturas Open Data Index
- Sion - [**Natura 2000 data - the European network of protected sites**](#)
- John, a list of occupations:
<https://github.com/johnlsheridan/occupations>

Links we're sharing

- A
- B
- C

5 June 2014

Who's here?

- Andy <a.lulham@gmail.com> @andylolz
- Sam sam.leon@okfn.org @Noel_mas
- Joe <joe.heywood@ncvo.org.uk> @joeabsjoe
- Thomas @LorcanMcnath
- Oleg <oleg@opendata.ch> @loleg

What we're working on

- Open Data Census
 - [GB City Census](#) - Andy
 - Conflict minerals version - Sam
- Community building initiatives @[OK Festival](#)
 - Mentorship scheme - Oleg
- Council Spending <https://github.com/CouncilSpending>
 - Parsing budgets with R - Joe
- Product Open Data
 - Bringing together divergent threads - Thomas

Links we're sharing

- [DataKind event](#) in London this weekend
Sold out; [follow virtually](#) on GitHub
- Energy projects in Switzerland
[Eturnity.ch](#) [Solarmacher.ch](#)

13 May 2014

Task 1: Have fun!

Who's here?

- Anya <anna.shyrokova@gmail.com> @anyashy
- Andy <a.lulham@gmail.com> @andylolz
- Gianfranco <gianfranco.cecconi@digitalcontraptionsimaginarium.co.uk> @giacecco
- Sam sam.leon@okfn.org @Noel_mas
- Stefan <stefan.foell@gmail.com>
- Joe <joe.heywood@ncvo.org.uk> @joehabsjoe
- Ulrich <ulrich@theodi.org> @statshero
- Kijung <optional email>
- Benjamin <benintokyo@hotmail.com>

What we're working on

- Sam and Stefan – Find the 4000 most expensive properties in the UK from the last 10 years using open Land Registry data
- Gianfranco, Ulrich and Benjamin – using railsponsibility data, calculate (approximately) the amount of money that could be claimed on late trains each day / year
- Andy and Kijung – Friends of the Earth mapping tool
- Anya – Investigating wikidata and python data tools

Useful links!

- Cool Open Knowledge Foundation labs projects here: <http://okfnlabs.org/projects>
- Gianfranco's UK oil and gas licensing map project
 - the website: <http://dico.im/uklicensing>
 - the code: <https://github.com/Digital-Contraptions-Imaginarium/oil-and-gas-licensing-map>
 - the presentation <http://digital-contraptions-imaginarium.github.io/odifridays-140321-lecture/#/> + and its audio <https://soundcloud.com/theodi/odi-fridays-armchair-auditor>
- Gianfranco's Railsponsibility
 - <http://railsponsibility.co.uk/> and its GitHub repository <https://github.com/Digital-Contraptions-Imaginarium/railsponsibility>
 - Office for Rail Regulation (ORR) open data <http://dataportal.orr.gov.uk/> see also https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/252516/rail-passengers-crowding-2012-revised.pdf
 - Network Rail open data <http://datafeeds.networkrail.co.uk/ntrod/> (it is down tonight!) and its documentation <http://nrodwiki.rockshore.net>
- Sam's links:
 - Ipython notebooks
 - Data Analysis for Python

1 May 2014

Task 1: Have fun!

Who's here?

- Rufus <optional email>
- David <david@deadpansincerity.com @thatdavidmiller>
- Claudia <optional email>
- Anya <anna.shyrokova@gmail.com> @anyashy
- Kostas <k_kokkas@yahoo.gr>
- Gianfranco <gianfranco.ceconi@digitalcontraptionsimagination.co.uk @giacecco>
- Andy <a.lulham@gmail.com>
- Tom <tom.pollard.11@ucl.ac.uk>

Okay – what are we working on?

- Bad Data (<http://okfnlabs.org/bad-data/>) – Gianfranco to add a new example?
- TimeMapper (<http://timemapper.okfnlabs.org>) – some requests for improvements
- Railsponsibility (<http://railsponsibility.co.uk>) - Gianfranco
- Health data <https://github.com/rgrp/health-data-uk>
 - http://datapipes.okfnlabs.org/csv/html?url=https://indicators.ic.nhs.uk/download/SHMI/January_2014/Data/SHMI.csv
- National River Flow Archive (<http://www.ceh.ac.uk/data/nrfa/>) - Claudia
- Datasets:
 - opendatacommunities.org (various datasets from UK Department for Communities and Local Governments)
 - <http://opencorporates.com> (Data on companies around the globe)

6 March 2014

<http://www.hackney.gov.uk/Assets/Documents/500-Transparency-Spend-Report-december-13.csv>

<http://explorer.okfnlabs.org/#rgrp/9398046/view/grid>

6 Feb 2014

OpenStreetMap topics discussed

- Harry Wood's [slides from his old OpenTech talk](#)
- [leatletJS](#) javascript mapping library (equivalent to google maps API)

- [leafletJS choropleth example](#)
- [umap](#) - build a map including importing CSV, then share it or embed it.
- [OKFN timemapper](#) - link a google spreadsheet containing timeline data to map it
- [Geocoding in a google spreadsheet using nominatim](#) (openStreetMap powered API)

Challenges

- OpenSpending - see guide below
- Mapping House Prices ...
- School spending data -
http://www.education.gov.uk/schools/performance/download/School_total_spend_2012-2013-Full_data_workbook.zip

Asides

- Is Cycling More Dangerous - <http://noelmas.tumblr.com/>

Guides

OpenSpending

Get your local spending from your local town into OpenSpending and get a nice picture like this
<http://openspending.org/gb-local-gla>

Or: answer an interesting question like “Who got the most money?”

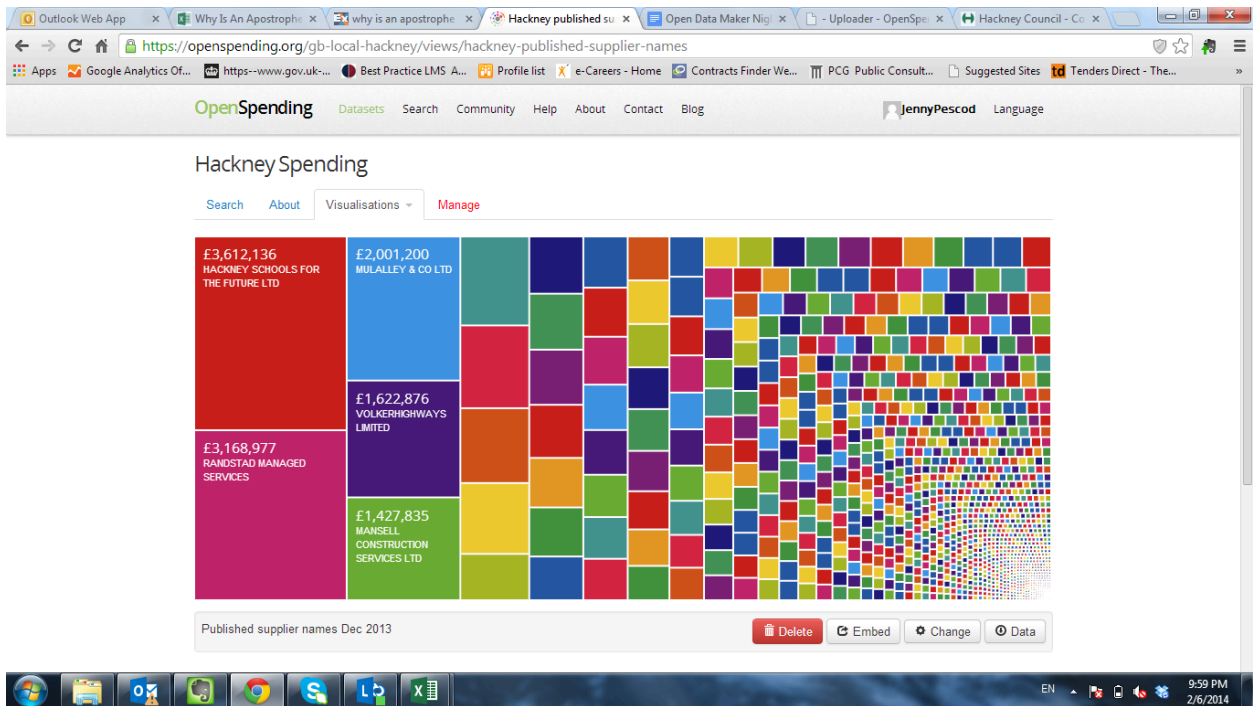
Step by step guide for finding UK local government spending data

1. Identify your local council (log your name + authority in this months list)
2. Grab the CSVs for that council from their website (link it below)
 - a. Search in google for e.g. “{council name} spending 500” (where {council name} is your council)
 - i. Essex Local Council:
<http://www.essex.gov.uk/Your-Council/Council-Spending/Pages/Specific-Item-Spending-Information.aspx>
 - b. If you need help check out <http://schoolofdata.org/handbook/courses/finding-data/>
3. Prepare a clean CSV
 - a. (basically CSV with no blank lines at the top)
 - b. Dates as yyyy-mm-dd
 - c. Currencies: remove “;” but leave “.”
4. Prepare them in OpenSpending format: <http://openspending.org/help/data-cleansing.html>
 - a. have column called time
 - b. have column called amount
5. Upload the csv file somewhere (if you have had to clean up) e.g. DropBox, Google Drive,

DataHub, ...

- a. Suggest google docs
 - i. Make sure you publish to the web (File menu -> publish to the web)
 - b. [[data.openspending.org - coming soon]]
 - c. Alternative: <http://datahub.io/> (if large) or gist.github.com (if small).
 - i. If you are using gist get the url from gist.github.com, create public gist and Create a column 'amount', and a column 'time' in the dataset
6. [Optional: Create a [DataPackage.json](#) describing the file - [example](#) - [generator](#)]
 7. Register on OpenSpending if you don't have an account
 8. Create a new dataset - name it as gb-local-{council-name} e.g. uk-local-cambridge
 - a. Do NOT put the date / year ...
 - b. (put link below)
 9. Create a visualization (treemap or bubblemap) and share here
 10. Add your city or area to the Spending Map Spreadsheet here

<https://docs.google.com/a/okfn.org/spreadsheet/ccc?key=0AqR8dXc6Ij4JdHZZNUUpWO2paY3FfYtdFNXkxZXZDTWc#gid=0>



[More detailed guide](#) ← read this quickly

Open Access Button

<http://oabutton.herokuapp.com> < The demo **PLEASE DON'T TWEET LINK, PRE-LAUNCH :D**

<https://github.com/OAButton/server> < The codez

<https://oabutton.wordpress.com> < Documenting the project progress so far! **Tweet this :D**

Bad Data - document examples of bad data and how they could be better

- <http://okfnlabs.org/bad-data/>

IATI datastore

- API: <http://iati-datastore.herokuapp.com/>
- CSV query builder: <http://tools.aidinfo.org/query/index.php>
- Some IATI codelists, in HTML form format: <https://gist.github.com/markbrough/6167392>
- <https://pwyf.trovebox.com/p/1>

Interesting Health APIs

Open Prescribing: <http://www.openprescribing.org/api/doc/>

Open BNF: <http://www.openbnf.org/api/v2/doc>

QOF Database: <http://www.qpcontract.co.uk/faq/api/>

GP Demographics (This one not really an API...

<http://www.apho.org.uk/PracProf/ws/GetOuinaryPopulationData.ashx?area=B82099&off=0&gid=1200006>) - that data comes from <https://indicators.ic.nhs.uk/webview/> but it's not v. friendly :(

See Also: <http://wiki.nhshackday.com/wiki/DatasetsAndAPIs>

Do Teachers have an Easy Time

Teachers working conditions survey:

Myths

- Long holidays
- Short hours
- Very secure jobs - difficult to get fired

Metrics we want to look at

- Hours
- Pay
- Holiday
- Job stability

Sources

NUT Contracted working hours/requirements

<http://www.teachers.org.uk/files/Workload-A5-7037.pdf>

Annual Survey of Hours and Earnings, 2011 Provisional Results (SOC 2000)

<http://www.ons.gov.uk/ons/rel/ashe/annual-survey-of-hours-and-earnings/ashe-results-2011/index.html>

Teachers' workload diary survey 2010

<https://www.gov.uk/government/publications/teachers-workload-diary-survey-2010>

Guardian data public/private pay

<https://docs.google.com/spreadsheet/ccc?key=0AonYZs4MzIZbdEJYYUUtNUItbHdxNmtsSk5OcHRiT2c#gid=0>

Other sources - articles, investigations

<https://docs.google.com/spreadsheet/ccc?key=0AonYZs4MzIZbdHUTE12aUQtNGlnSUMtNEY4dmVsdWc#gid=1>

<http://www.tes.co.uk/article.aspx?storycode=6039350>

Our work: comparing average public sector pay to that of teachers

<https://docs.google.com/spreadsheet/ccc?key=0Anm0VSUa2b5mdFdKT1FmNDdjbN1MkRxbm5TMnRwV0E#gid=1>

Hall of Shame

- [Horsham DC spending](#): each month random selection of CSV or XLS *headdesk*
- <http://lists.okfn.org/pipermail/openspending/2013-April/001666.html>
- [Lambeth Expenditure CSVs](#) contain form feeds
- Westminster
 - Start here <http://data.gov.uk/dataset/spotlightonspend-transactions-download> => (via download - not a download!) <http://www.spotlightonspend.org.uk/Downloads> => Monthly Data (javascript rubbish) => a file (no permanent url ...)

Meetings

19th March 2013

Put your name, interest, twitter etc

- David Miller (Jeans, red & blue jumper) - python and more
- Rufus Pollock (Green shirt, black jumper)
- Ross Jones (Jeans, blue top) - python, JS etc
- Matt Linares (Grey Shirt and cardigan) - open data, code. Python, django etc
- Vanu - governance and transparency
- David - Cabinet Office
- Nick Stenning
- Sam Leon
- Martin Keegan
- James Arthur Cattell
- Matthew Brown - Cabinet Office (white shirt!)
- Nestor -
- Benjamin
- Sabine McNeill
- Vincent Adam
- Matt Rathbun (mrathbun@gmail.com)

<plug>

Excellent other hackdays:

<http://nhshackday.com/>

:-)

<http://schoolofdata.org/data-expeditions/>

<http://okfn.org/events/>

</plug>

city of london

<http://openspending.org/uk-local-city-of-london/views/bubbletree-by-service#/~total>

<http://openspending.org/uk-local-city-of-london/views/spending-by-to>

Matt Linares – Hackney

Benjamin Simatos -- City of London -

<http://www.cityoflondon.gov.uk/about-the-city/who-we-are/budgets-and-spending/Pages/expenditure-on-local-authority-activities.aspx>

Rufus - cambridge city - <https://www.cambridge.gov.uk/payments-to-suppliers>

Rufus - cambridge county <http://www.cambridgeshire.gov.uk/council/finance/paymentsuppliers/>

Nestor

<http://www.hackney.gov.uk/Assets/Documents/500-Transparency-Spend-Report-january-13.csv>

Problem when formatting dataset on okfn openspending site

<http://pydsl.org/500-Transparency-Spend-Report-january-132.csv>

error message > The dimensions mapping could not be saved as it contains some errors:

mapping: '%s' must be a compound dimension if it exists.

Matthew B

ORIGINAL <http://www.walthamforest.gov.uk/Documents/01april-june2010.csv>

NEW DATA <http://openspending.org/uk-local-walthamforest>

VISUALISATION

<http://openspending.org/uk-local-walthamforest/views/waltham-forest-spend-feb-2013-by-supplier>

Council site stumbling blocks

- Hackney search box chokes on dots: <http://bit.ly/ZYj9AC>
- Hackney Jan'13 spending report mislabelled as Jan'12: <http://bit.ly/ef9cfE>
- Hackney monthly spend CSV doc employs non-ISO date format: <http://bit.ly/ef9cfE>

Data Census

<http://census.okfn.org/>

30th April 2013

Put your name + email + interest

- Ross Jones (Jeans, blue top) - python, JS etc (ross@servercode.co.uk)
- David Miller (Jeans, Red top) - everything (david.miller@openhealthcare.org.uk)
- Rufus Pollock
- James Smith, ODI (james.smith@theodi.org) / @floppy)
- Mark Rodgers, Experian, Healthcare data (mk.a.rodgers@gmail.com), Westminster
- Gordon, Analyst, (gordon.r.m@gmail.com) Waltham Forest 2013. 02
- Sam Leach, samuel.leach@gmail.com / @samuelleach,
- Sam Leon (sam.leon@okfn.org) @Noel_Mas
- Mamading Ceesay, London Creative Labs (mamading@gmail.com / @evangineer), Lambeth 2013.03
- (**) David Anderton - dwanderton@gmail.com
- Andy South maps + R + vis. cords grey shirt (southandy@gmail.com / @southmapr) - school of data (interested in teaching about R)
- Carl Reynolds (carl.reynolds@openhealthcare.org.uk) health stuff. gotta pop home for a laptop.
- Rafael Ramos - rrasmo@gmail.com
-

Rufus Pollock - Greater London Authority - <https://github.com/rgrp/dataset-gla>

-- also all gov spend = <https://github.com/rgrp/gov-spending-gb-analysis>

David Anderton - Gloucestershire CC

Gloucestershire:-

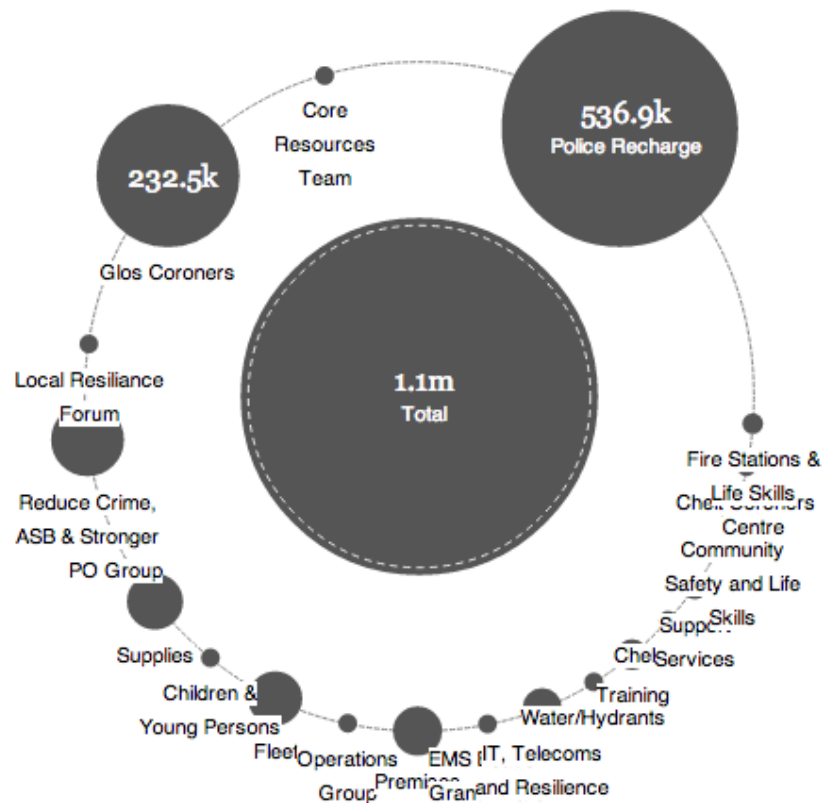
<http://openspending.org/uk-local-gloucestershirev1/views/gloucestershire-spending-2013-so-far>



Interesting to note the total value of redacted information is 4% of budget. Largest expenditures, understandably perhaps, are policing (PCT) and infrastructure projects (Atkins Ltd).

Challenges included mis-formatting and inconsistent headers of source csv's. Also due to the large variety of suppliers the bubble chart didn't wield a clear chart - perhaps limiting this to expenditures over 50k would work.

Bubbles become slightly more illusory once we drill down into a particular area - such as Fire



and safet

Would need to work a bit more with the data set prior to making more charts. Can we add a feature to open spending to limit the range of the "amount" for transactions that are visualis spending:

ed?

Thanks - Great evening.

Andy South - Norwich City Council - <http://openspending.org/uk-local-norwich>

Sam Leach - North Herts District Council
<https://github.com/samuellach/nhdc-spending> - working directory.

NHDC Open Data:
http://www.north-herts.gov.uk/index/council_and_democracy/democracy/opendata.htm

NHDC Payments to suppliers over £500 -
http://www.north-herts.gov.uk/index/council_and_democracy/budgets_and_spending/payments_to_suppliers_over_500.htm

1) Notes on encodings:

<http://www.quora.com/What-are-the-most-popular-character-encodings-for-web-content> has the most popular character encodings.

2) For preprocessing I used:

```
$ iconv -f ISO-8859-1 -t UTF-8 march_2013.csv > march_2013_utf8.csv
```

```
$ tail -n +2 march_2013_utf8.csv > march_2013_utf8_v2.csv
```

At the time of writing (30 April), the Ruby gem 'smarter_csv' was working well EXCEPT it was stumbling on CSV entries such as "13,433.90 " (i.e. a quote-enclosed float value with a comma).

Will have to checkout 'import csv' under Python.

16th July 2013

- Mark Brough - mark.brough@publishwhatyoufund.org / @mark_brough
- David Read (data.gov.uk) @readdavid
- David Anderton dwanderton@gmail.com
- Krisztina Katona (Transparency Team Cabinet office) @kriszkatona
- Nigel Babu - nigel.babu@okfn.org / @nigelbabu
- Maximilian Heimstädt m.heimstaedt@gmail.com (Open Data Institute / University St Andrews) @heimstaedt
- Sander van der Waal - sander.vanderwaal@okfn.org @sandervdwaal
- David Bovill - david@parliamentofthings.org @fortyfoxes
- Rafael Ramos @rrasmo

Ideas

- Party political funding aka BIJ ...
 - <https://pefonline.electoralcommission.org.uk>
- IPSOS MORI - public perceptions of the UK
 - Game ... <http://scratch.mit.edu/projects/11448399/> - there it is : P
- OpenSpending
- Data Issues
- Housing data - Toilet Age By Tenure
<https://docs.google.com/spreadsheet/ccc?key=0AvCDqUH8jVN8dGdFLWtXSU1qRmVWaHJPa0E1cGZ4X2c#gid=0>
- late pitch... in health people sometimes talk about value = money spent/outcome can use this asthma data to look at per asthmatic per ccg spend on asthma drugs and outcome. relates to openprescribing.org e.g no. of asthmatics that die
<http://customer.instantatlas.com/INHALE/dataviews/>

Scotland spending

- 25k spending for scotland gov
<http://www.scotland.gov.uk/About/Information/expenditure/over-25k/reports/reports>
- Result: <http://openspending.org/scottish-spending-jan13>

Amsterdam budget 2011

- From <https://data.overheid.nl/data/dataset/begroting-2011-centrum-gemeente-amsterdam>
- Result: <http://openspending.org/nl-local-ams>
- And broke it again.. ;)

Zaragoza budget 2013

- From <http://www.zaragoza.es/ciudad/encasa/hacienda/presupuestos/presupuestos.htm>
- Result: <http://openspending.org/zaragoza-budget>

NeoCodex

leader of project : <http://cn.linkedin.com/in/enrictorrents/>

Infographic:

stanford.box.com/s/oxdyi82a6m1n0z4pqqqv

Working paper:

ssrn.com/abstract=2371795

Open Law Census:

neocodex.weboflaw.com/report/

9 Jan 2014

- Rufus
- Hakim DJOUMI (@gmail) : NeoCodex
<https://stanford.app.box.com/s/oxdyi82a6m1n0z4pqqqv>
- Alex
- Hoz
- Sam
- Eléonore
-

4 December 2013

Attendees

- Rufus
- Andy
- Kostas e-mail: k_kokkas@yahoo.gr
- Ross
- David
- Irina

Projects

Datapipes - <http://datapipes.okfnlabs.org>

5 November (Remember, Remember) 2013

Attendees

- Rufus - <http://rufuspollock.org/>
- Max Ogden - <http://github.com/maxogden>
- Ross Jones - @rossjones
- Henare Degan @henaredegan
- Tom Rees - @zephod
- Jessica Lord - @jllord (jlord on github)
- Brian Shaler (@brianshaler)
- Peter Jones (@zuppr)
- Andy Lulham (@andyloolz) [v]
- Rafael Ramos (@rrasmo)

1 October 2013

- Rufus (OKFsir) rufus.pollock@okfn.org
- Milena (OKFee) milena.marin@okfn.org, Skype: milena_iul

- Heather (OKFer) heather.leson@okfn.org
- Neil (omnifolio) neil@omnifolio.org
- Rafael rrasmo@gmail.com
- Iain (virtual) iain_emsley@austgate.co.uk
- Ross
- Peter Murray-Rust
- Eduardo - soho501@gmail.com
- Milena
- Eleonore - eleonore.mayola@ymail.com
- Andy Lulham - andy@avaaz.org
- wolf wolfram.barfuss@zoho.com
- Joe Mcarthur (@mcarthur_joe) oabutton@gmail.com

Things to hack on

- OpenSpending
 - Square + OpenSpending data ...
- Beacon for Freedom <http://www.beaconforfreedom.org/>
 - dump ...
- Tanzania budget + pdf hacking
 - 2013 + 2012 + ...
 - <http://github.com/markbrough/tz-budget>
 - <http://openspending.org/tz-budget>
 - Already done this one:
 - <http://www.mof.go.tz/mofdocs/budget/Budget%20Books/2013-2014/Volume%20IV%20Detail%20by%20Vote-Print.pdf>
- Open Correspondence + Letter Net
- Top trumps with open data
- Barcena's papers
 - <https://docs.google.com/spreadsheet/ccc?key=0A14XVjh6YN-RdHg4dXVRR0c5R2F0LTFyZDVWRIRNMXc#gid=0>

Data formulas (from column q)

=IF((3-COUNTIF(E2:G2,""))=0,"",IF(3-COUNTIF(E2:G2,"")=3,"",1))

=IF(ISNUMBER(J2),1,"")

=IF(ISNUMBER(K2),"",1)

Square + OpenSpending

- CSV <https://raw.githubusercontent.com/rgrp/dataset-gla/master/data/all.csv>
 - <http://datapipes.okfnlabs.org/csv/raw?url=https://raw.githubusercontent.com/rgrp/dataset-gla/master/data/all.csv>
-

Pizza order ...

- 1 vegan
- 2 veg
- $\frac{7}{8}$ non-veg

6th August 2013

(*) if not subscribed low traffic announce

- Rufus Pollock <rufus.pollock@okfn.org>
- Mark Brough <mark.brough@publishwhatyoufund.org> - PWYF
- Peter Murray-Rust <peter.murray.rust@googlemail.com> [Open Data and Access in Science technology medicine; Java, NLP, content-mining]
- Andy Lulham <andy@avaaz.org> (*)
 - dev (python), machine learning background
- James Padolsey <james@padolsey.net>
 - Developer (UI, JS, HTML, CSS etc.), working on yip.io in my free time
- David Carroll <carroll.davide@gmail.com> Medical Student, no technical coding skills but I can do some stuff. Our project is the OA Button
- Joseph Mcarthur <joseph.mcarthur.10@gmail.com> [Pharmacology student/scientist Skills: Sleep almost anywhere] (*)
- Kevin Daniells <globalavocado@gmail.com>
 - GIS web development/mapping - also UX, spatial databases (*)
<https://docs.google.com/file/d/0B49BgZzPvmrDWGJxWERIY3I1ZGs>
- Mark Herringer <mark@konektaz.info>
 - UX, HTML, CSS, Prototypes
- Sion Elis Williams <sion.elis.williams@gmail.com>
 - Works at Friends of the Earth (political and legal team), working on [mapping](#) + data-driven campaigning - no tech skills
- Tom Pollard [UCL / Ubiquity Press]
- Varsha Khodiyar [F1000Research] <varsha.khodiyar@f1000.com>

- Eléonore Mayola <eleonore.mayola@ymail.com> Biology, Dev (Python, HTML, CSS)
- Antonio Acuna - data.gov.uk
- Ziyad Soobhan [Ubiquity Press] <ziyad.soobhan@ubiquitypress.com>

Elenore + Rufus hacked on spending info

<http://datahub.io/dataset/financial-crisis-aid/resource/809a20aa-4e1a-4ed6-921e-1b3afe10947f>

<http://explorer.okfnlabs.org/#rgrp/c6faa156988d2c13f9a1/view/grid>

viz: http://openspending.org/financial_aid/views/financial-aid-crisis#/~total

explorer: <http://explorer.okfnlabs.org/#Eleonore9/2af163f5a3fa56b7b421/view/grid>

There was hacking on OA Button