

New Companies to Manage Data Deluge

Open Data Now: Chapter 4

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Lappeenranta University of Technology, 13 March 2015

Data ACT

Data ACT, Data Accessibility and Transparency

Aim of movement:

improve government accountability and also improve the way citizens can track their country' finance.

Categorize Companies

- **Regulatory Compliance** (WebFilling, RR Donnelley)
- **republishing Data and Add Value** (Govini, Spike Cavel)
- **do Analytic** (Informatica, Esri, EMC, IBM, Oracle)
- **Infrastructure** (Socrata)

Key Common Points

- managing government data is really a big business, and open data can make it also bigger.
- needs and requirements for managing these type of data are vast and various.
- there is a growing increase in opportunities for establishing such new companies.

Open Data helps launch startups

Open Data needs new companies and startup. Why?

Basic Reasons:

- 1- volume of data which is huge
- 2- variety and wide range of datasets
- 3- existing data management challenges
- 4- new data technologies used by government

Linked Data

Linked Data describes a method of publishing structured data so that it can be interlinked and become more useful through semantic queries.

it also is useful for analyzing data that comes from diverse sources and contains different kinds of information.

DBPedia, Data.gov.uk

The World Beyond Washington

Challenges:

- Many cities are using old software systems
- data is not stored in a uniform or accessible way.
- a wide variation in the data and mechanisms to access, analyze and share the data

Socrata is going to tackle with these challenges

Socrata

Socrata helps governments by

- improving transparency
- measuring performance of policies
- using data for decision making
- making government Open Data available
- making government Open Data usable

Video: <http://www.socrata.com/what-is-socrata/>

Demystifying the Enigma of Open Data

- take valuable public data in all kind of formats and make it much more usable.
- interact with data just by searching based on the interested topic rather than having to figure out where that information lives.

challenges:

- **Data Accessibility and usability:**
 - when you know what you're looking for but you can't get it in a usable form
- **Data Discovery:**
 - the ability to search about a topic you're interested in and discover data that you didn't know you needed it

example: McDonald, FCC Licence

Public Data

in fact Enigma is going to turn public data into open data.

Public Data is data that's available to anyone but finding and using it is so difficult or expensive.

for it to become Open Data it has to be

- Accessible
- Searchable
- Available for either a low cost or for Free.

Enigma Services

- Create alerts for events of interest that are reflected in new data
- Do geographically based searches using data that Enigma will geocode
- Take a company (like Boeing) and see what government agencies it concerns with to see how it may be affected by cuts in government spending.
- Link news article to Enigma data enabling you to click on a company mentioned within an article in the wall street journal and read Enigma data about its lobbying, campaign contributions or other activities.

Realizing the business Potential

- Establish a government mandate for agencies to release their data
- Establish a new market for data management companies and developers that can work with Open Data
- Create a demand for experts
- Let governments learn from a number of effective Open Data program
 - **CKAN:** leading open-source data portal platform provide information about itself
 - **Socrata:** gives information about the company and its customers
 - **CodeforAmerica:** talented young coders work for a year helping city government across the US solve their problems through technology

Questions? Comments?

Thanks for listening

by this movements, nowadays companies are accessing more and more detailed data about citizens what do you think about future of privacy?