



# Data Publication Platforms

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@davetaz



## **Specialist Solution**

- + Easy to get setup and maintain.
- + Open Data focused
- + Clear workflows for publishing open data
- + Visualisation tools
- + Data mashing tools
- + Best for Statistical / Point Data

## **Integrated Solution**

- + No new platform to learn
- + Data is provided in parallel to web pages
- + No separation from authoritative data
- + Easy discovery of data
- + Best for static data
- + Best for Linked Open Data



# Specialist Solutions



comprehensive knowledge  
archive network

<http://www.flickr.com/photos/okfn>



Search Datasets

9860 Datasets

Search... Search

Licence

Open Government Licence OGL OPEN DATA

Data Resources 6

-  XLS Tariff index
-  XLS Tariff data
-  DOC Tariff data - overview
-  TXT Tariff section index
-  DOC Tariff section notes
-  DOC Tariff chapter notes



ckan

Open Knowledge Foundation Supported

Data Catalogue  
Open Source  
Aging Interface  
Simple API



 <http://demo.ckan.org/>

Features...

**Publish, Store and Manage Data and Metadata**  
**Visual and Geospatial**  
**Social**

**Full Stored History**

**Federate Your Data With Other Organizations**

**Rich RESTful JSON API for Developers**





#### View Types

- Datasets
- Charts
- Maps
- Calendars
- Filtered Views
- External Datasets
- Files and Documents
- Forms
- APIs

Data as a Service (DaaS)

Hosted Solution

Clean Interface

Powerful Dataset API (SODA)



<https://opendata.socrata.com/>

**Data Publishing**, Optimized for Business Users

**Flexible Metadata Management**

**Federate Your Data With Other Organizations**

**Metrics** of the Success of Your Initiative in Real-time

Anyone Can Create **Maps** and **Charts**

Data Becomes **Social**

**Developers** Are Supported Every Step of the Way



 Search

#### View Types

- Datasets
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- External Datasets
- Files and Documents
- Forms
- APIs

Data as a Service (DaaS)  
Closed Source (main product)  
Hosted Solution  
US Based  
Clean Interface

Powerful API (SODA)  
Proprietary API





# Comparison

## History

- Publish
- Store
- Manage
- Metadata
- Visual
- Geospatial
- Social
- Federate
- Developers

Metrics





Comparison

Manages Metadata

Points to the Authoritative Data

Loosely Coupled

Manages the Data Itself

Issues Identifiers

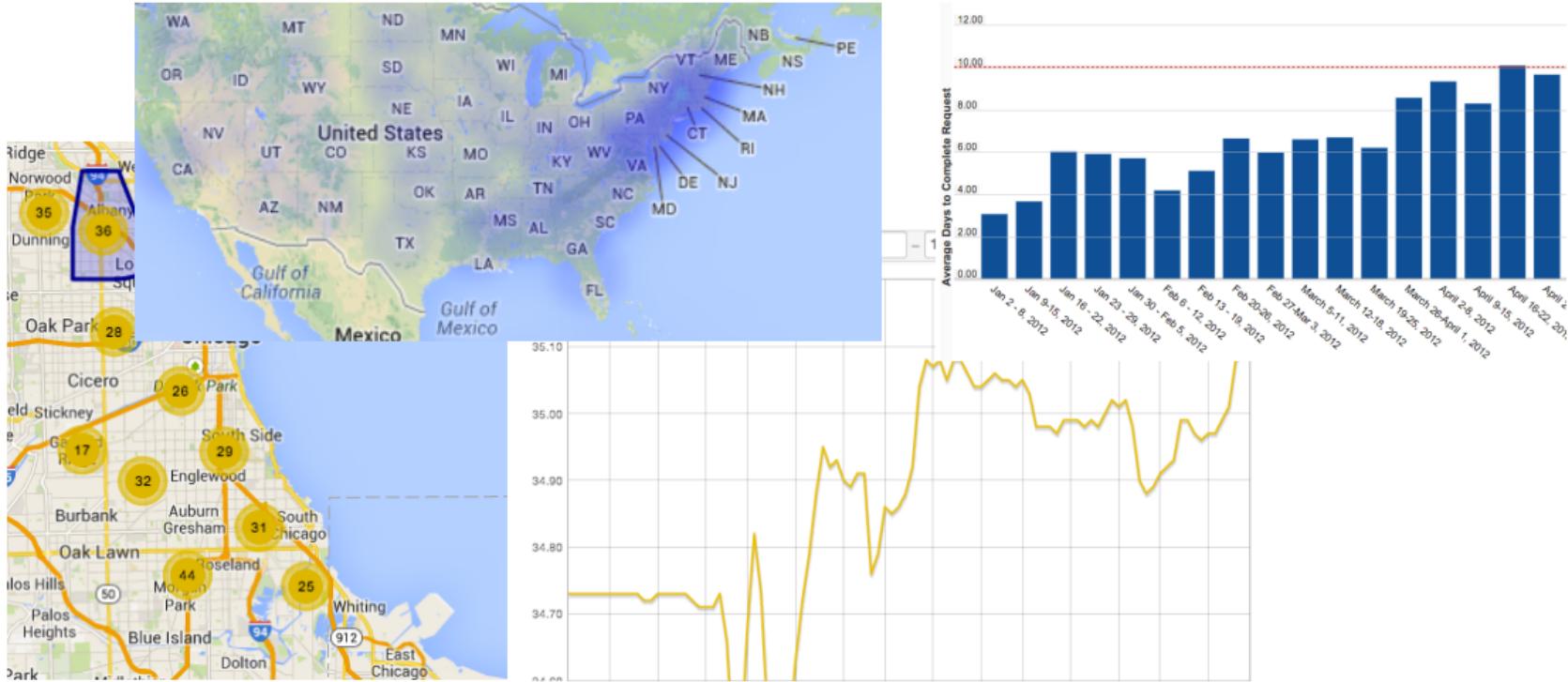
Manages Schemas



**Socrata**  
The Data Experience Company™



# The race to visual heaven



# The Problems with Silos

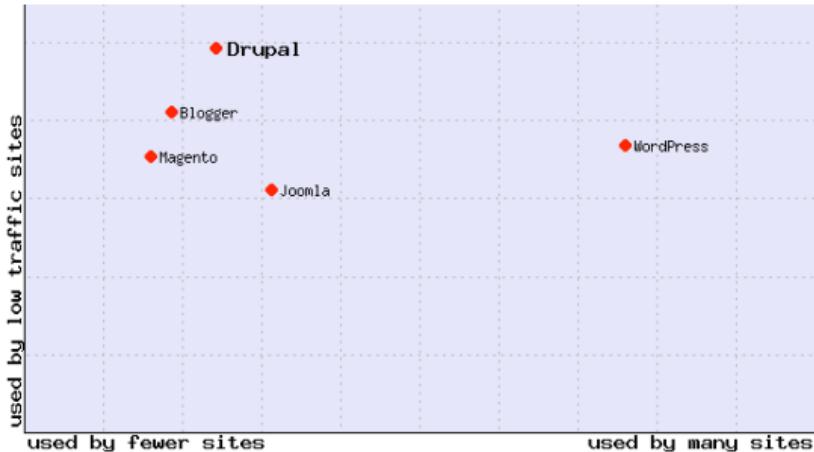
This is the way the web used to work!

They are disconnected from your workforce

It is an added complication to “publish”  
data rather than the norm?



# CMS usage



Joomla!™

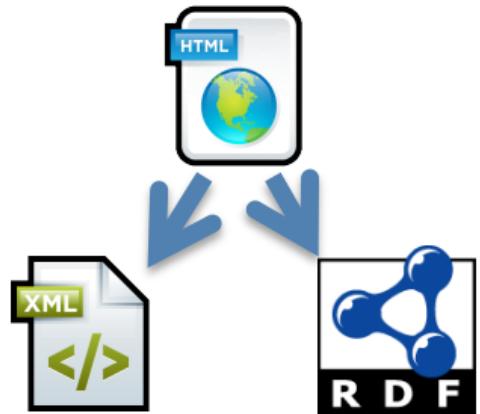


WORDPRESS



# BBC

## Fully integrated into website



# Johann Sebastian Bach

Born 21 March 1685. Died 28 July 1750.



BBC PROMS | BBC FOUR

### J. S. Bach: Ascension Oratorio - BBC Proms 2013

Sir John Eliot Gardiner conducts the English Baroque Soloists and the Monteverdi Choir.

JOHANN SEBASTIAN BACH 1-4 OF 20

Featured on BBC MUSIC SHOWCASE



### Biography

Born in the German town of Eisenach, J. S. Bach was a chorister then violinist before taking his first organist post at Arnstadt while still a teenager. It was in Weimar, as court organist from 1708, that Bach began to produce monthly cantatas, and wrote many of his great organ works, as well as organ transcriptions of concertos by Vivaldi.

In 1717 Prince Leopold offered him the position of Kapellmeister at Cöthen, where he wrote the Brandenburg Concertos, the four Orchestral Suites and the violin concerto, and married his second wife Anna Magdalena, who bore 13 children.

PLAYED MOST ON BBC  
RADIO



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### Now On The BBC

#### Composers A-Z

Explore more composers and their works at Radio 3



## Composers A-Z

Discover the music of the great composers with Radio 3

### More BBC Music Highlights



### Latest Tracks Played On The BBC

Violin Partita No. 3 In E Major, I. Preludio

BBC RADIO 6 MUSIC | STEVE LAMACQ THE FRIDAY  
FREE FOR ALL WITH TOM SERVICE



# Desktop / Mobile / Machine

Jessie J

Born 27 March 1988.



RADIO 2 LIVE IN HYDE PARK | BBC RADIO 2

Jessie J - It's My Party At Radio 2 Live In Hyde Park

Jessie J - It's My Party at Radio 2 Live in Hyde Park

JESSIE J - 1 OF 20

Featured on BBC MUSIC SHOWCASE



JESSIE J - IT'S MY

PARTY AT RADIO...

...

BACKSTAGE AT

RADIO 2...

...

JESSIE J - ...

CHATS TO STEVE...



JESSIE J - IT'S MY

PARTY AT RADIO...

...

BACKSTAGE AT

RADIO 2...

...

JESSIE J - ...

CHATS TO STEVE...



JESSIE J - IT'S MY

PARTY AT RADIO...

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BACKSTAGE AT

RADIO 2...

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CHATS TO STEVE...



JESSIE J - IT'S MY

PARTY AT RADIO...

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CHATS TO STEVE...



JESSIE J - IT'S MY

PARTY AT RADIO...

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BACKSTAGE AT

RADIO 2...

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JESSIE J - ...

CHATS TO STEVE...



JESSIE J - IT'S MY

PARTY AT RADIO...

...

BACKSTAGE AT

RADIO 2...

...

JESSIE J - ...

CHATS TO STEVE...



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More BBC Music Highlights



Latest Tracks Played On The BBC

Excuse My Rude (feat. Becky G)

BBC RADIO 1XTRA | CHARLIE SLOTH ACE SITS IN FOR CHARLIE

vodafone UK 16:58 60%

# MUSIC

Artist search

Home | Genres

## Jessie J



Born 27 March 1988.

Played most on BBC Radio 1

Biography

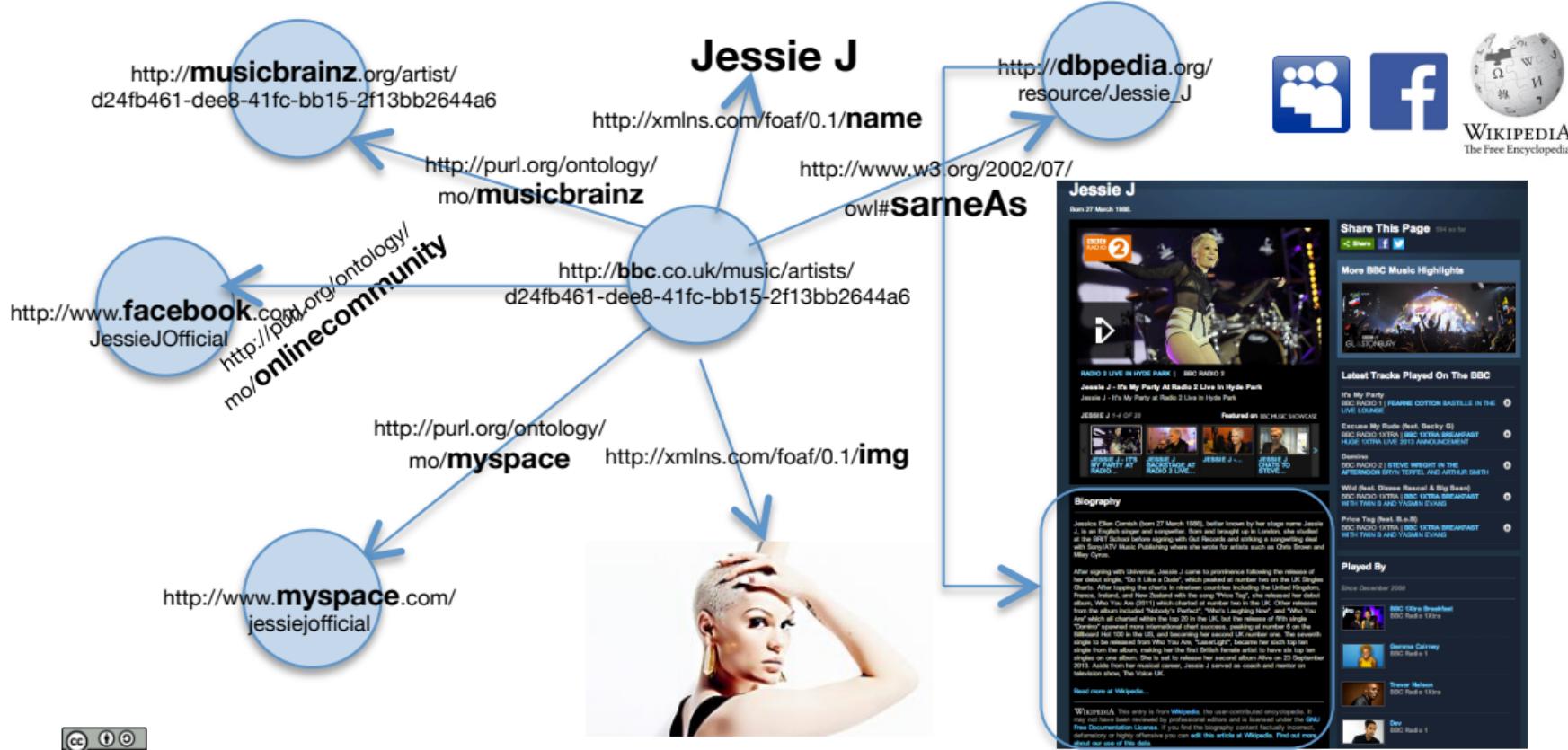
Links & Information

BBC Reviews

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</rdf:Description>
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  </mo:Record>
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  </mo:MusicArtist>
</rdf:RDF>
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# Integrated Solutions



Open Data Homepage

5★ Data

Frequently Asked Questions

Apps

Data Catalogue

Places

Phonebook

Academic Programmes

Organisation

Research Facilities

Events

Jargon

Points of Service

Products & Services

iSolutions Workstations

Bus Information

Room Finder

University of Southampton > Open Data > Places > Buildings > EEE Building

Share

## Building: EEE Building

<http://id.southampton.ac.uk/building/32> ← This is the URI

**Site:** Highfield Campus

**Date of Construction:** 2006

**Architect:** John McAslan & Partners

**Occupants:**

- Deanery
- Electronics & Computer Science
- Social Justice & Inclusive Education
- Southampton Education School
- Mathematics & Science Education
- Lifelong & Work-Related Learning
- Leadership School Improve & Effectiveness
- Teaching Only Staff
- Agents, Interactions & Complexity
- Web & Internet Science

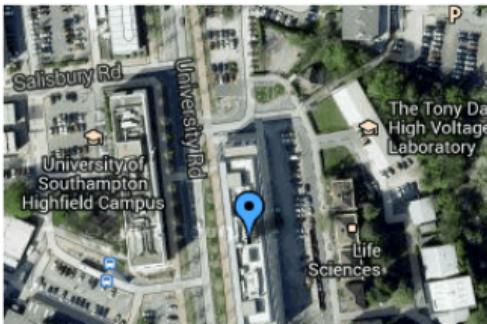
**Features:** Building 32 is non-residential

### Disability Information

- View Disability Report for this Building

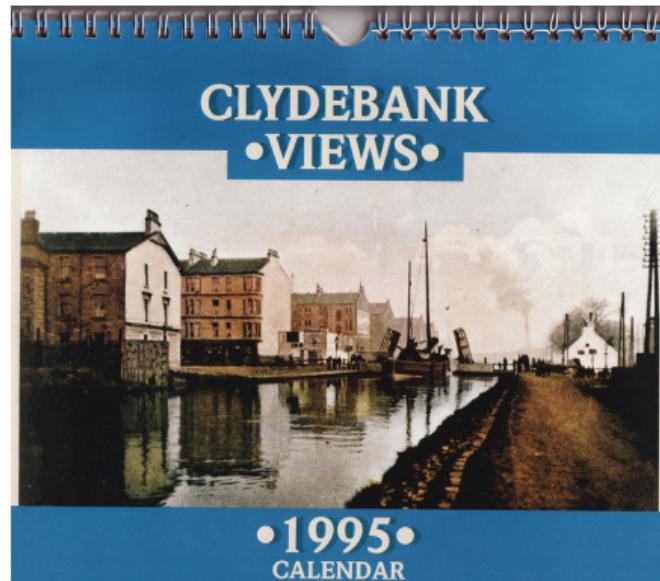


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# LAMP

- LAMP at Southampton
  - Linux – 1991
  - Apache – 1995
  - MySQL – 1995
  - PHP – 1994



Specialist Solution	Integrated Solution
<ul style="list-style-type: none"><li>+ Easy to get setup and maintain.</li><li>+ Open Data focused</li><li>+ Clear workflows for publishing open data</li><li>+ Visualisation tools</li><li>+ Data mashing tools</li><li>+ Best for Statistical / Point Data</li></ul>	<ul style="list-style-type: none"><li>+ No new platform to learn</li><li>+ Data is provided in parallel to web pages</li><li>+ No separation from authoritative data</li><li>+ Easy discovery of data</li><li>+ Best for static data</li><li>+ Best for Linked Open Data</li></ul>

Both great for open data

Integrated solution more suited for 5-Star Open Data and Semantic Web applications

