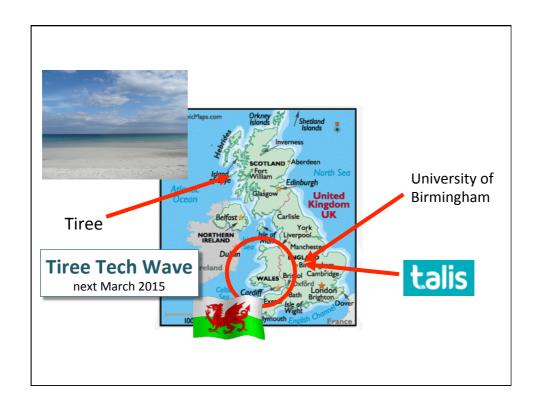
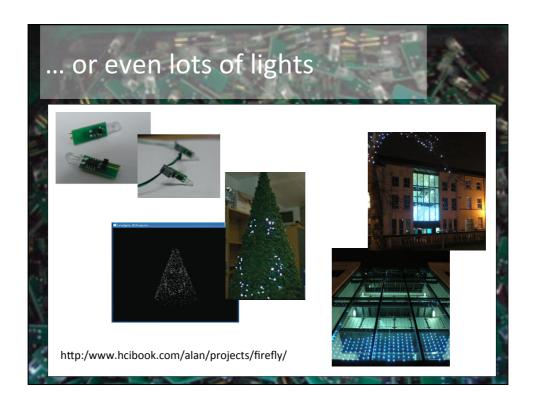


about me and what I do









I am talking about ...

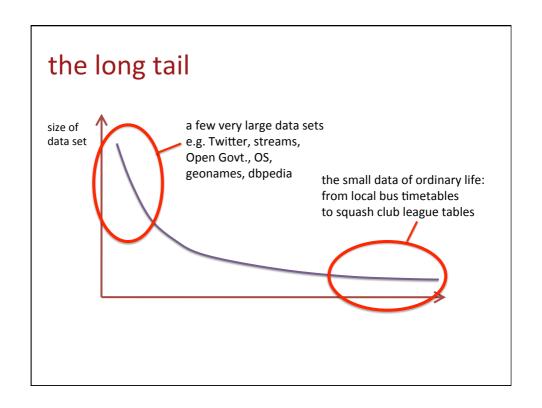
# data

# **Big Data**

everyone is talking about it

Twitter, Google, Facebook, NSA, universities, ... and funding

Big Data does it with MapReduce Semantic Data does it with RDF



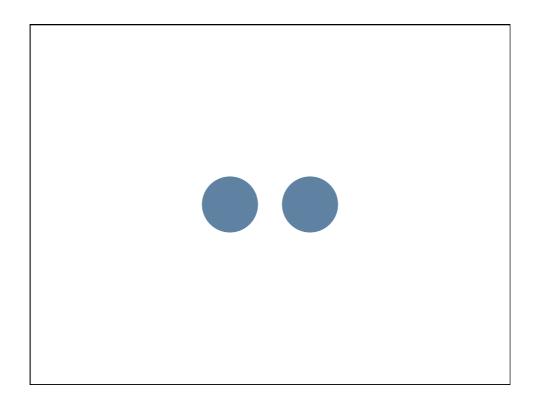
# stories of small data ...

Walking Wales

Musicology

Learning analytics

Open Data Islands and Communities

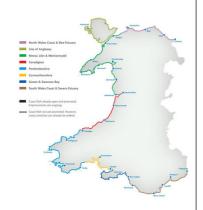


## Alan Walks Wales

one thousand miles of poetry, technology and community

1058 miles (1700km)
3 million footfalls
3 ½ months
April-July 2013

focus on IT at the margins



## vision

#### personal

encircling, encompassing, pilgrimage, homecoming, practical

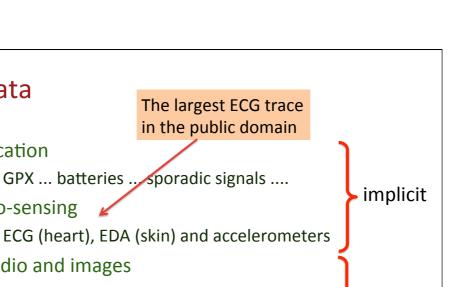
IT for the walker & IT for local communities

#### philosophical

reflections on walking and space, locality and identity

#### research

personal agenda and living lab



lots of

data

text

data

location

bio-sensing

after the event

audio and images

in the moment

explicit

# challenges (1)

```
location
GPX – merging and mending
bio-sensing
ECG & EDA – special formats & volume
audio and images
volume, transcription and annotation
text
semantic markup, synchronising sources
```

# challenges (2)

```
documentation

methodology of creation, data formats
for other people to use!

meta-data
for machines to use

PR

telling the world about it!

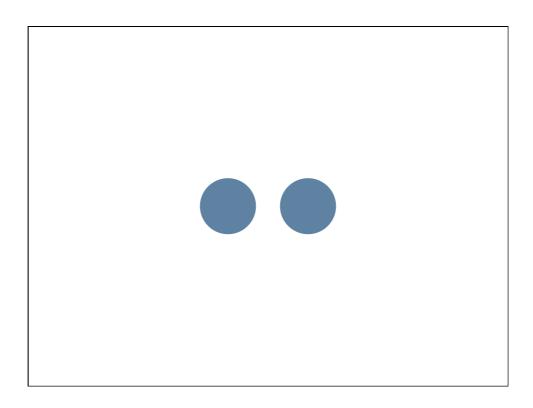
academic culture
we do not value data!
```

# an offer

multiple synchronisable data streams largest public domain ECG trace

post-hoc analysis simulate real use

# please use it!





#### Concert ephemera

1750–1800 Calendar of London Concerts

1815-1895 Concert Life in London

1894–1944 Concert Programme Exchange (BL)

#### **External sources**

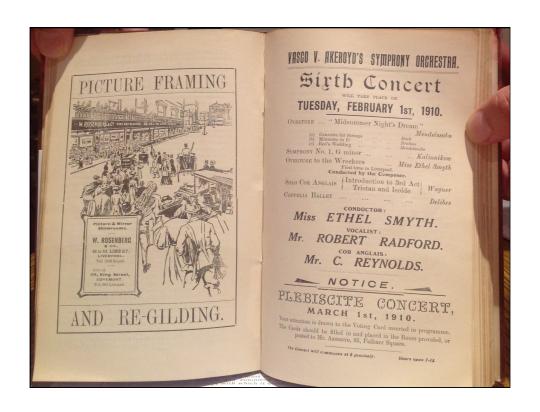
MusicBrainz

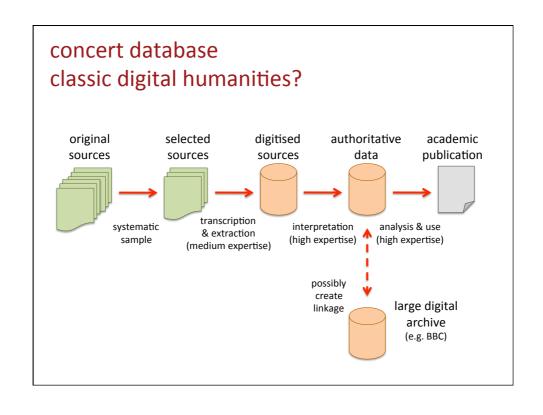
MBz id as connect into Linked Data, BBC, etc.

#### Authoritative sources (future)

e.g. British Library BNB, Concert Programmes metadata

OR. 309 re the OCAL CONCE Under the OCAL CONCERS.—Under the immediate Patronage of he Royal Highness the Dutchess of KENT.—The LAST CONCERT of the present Season will be at the Hanover Square Rooms, on Monday next, the 30th inst. when the following pieces, among other compositions of acknowledged excellence from English and Foreign Masters, will be performed—Anthem, "My Heart is Inditing." Handel—"Gloria," from Haydn's 1st Mass—Canon (by desire), "Non nobis Domine." Byrde—Chorus from Graun's "Tod Jesu"—Pieces from Purcell's "Indian Queen," Spohr's "Azor and Zemira," and "Faust"—Glees by Spofforth, Dr. Cooke, and T. Cooke; and Madrigals by Wilbye and L. Marenzio. Admissions to the Concert may be had of in Public that the rate one, s be sup-ed objects ER offers nt of upe for the iends and H. L. C. L. Marenzio. Admissions to the Concert may be had of the Members of the Vocal Society, Half-a-guinen each. EDWARD TAYLOR, Secretary, 3, Regent Square. oinet and nired for he united nd cost. TO HOTEL AND INNKEEPERS, UPHOL-Western MANSER, 27, Wardour Street, e found, Soho, has now on Sale an IMMENSE STOCK OF COMMON FURNITURE, JAPANNED AND IN one foot OAK, made in a manner which can be warranted, the indows,





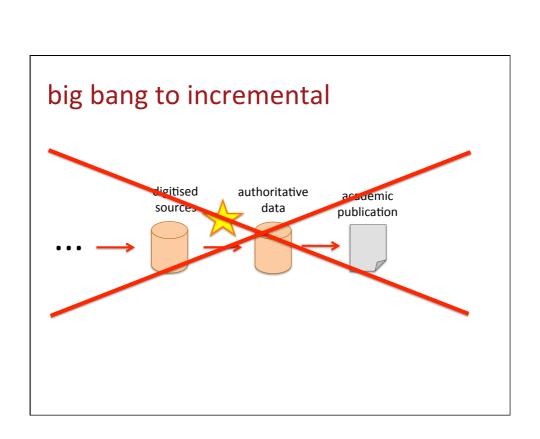
# Barriers to progress

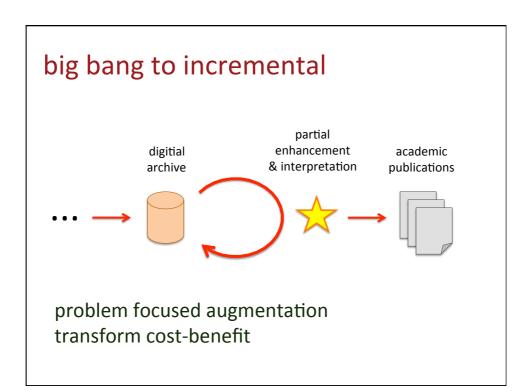
effort and expertise authority and quality digital acontextuality openness

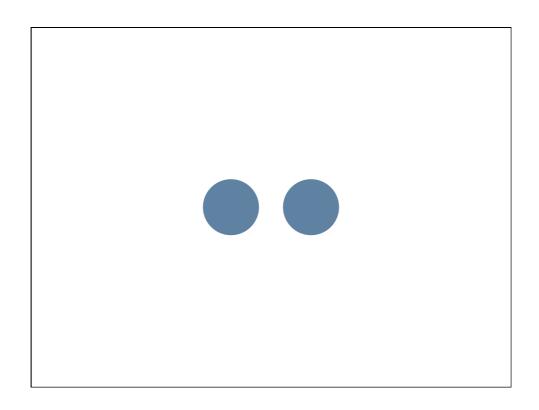
# Career development Leverhulme & REF Building the discipline?

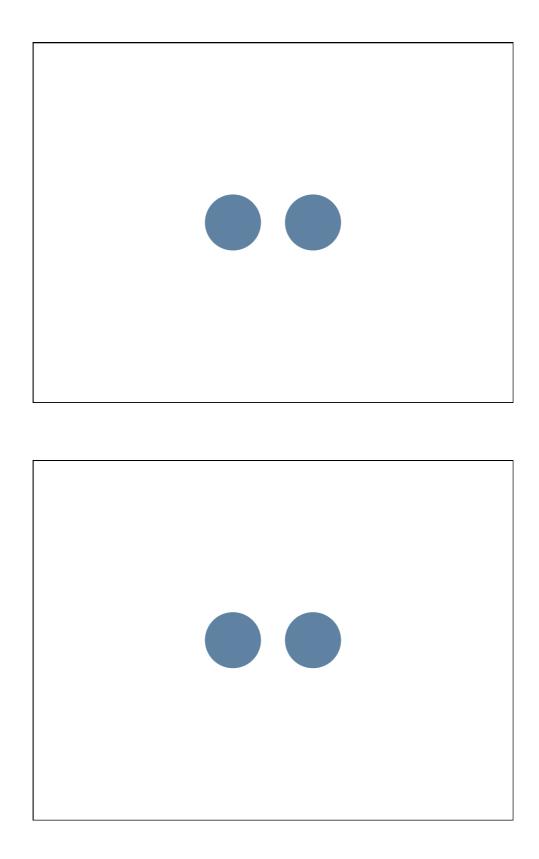
Re-envisioning the Digital Archive: Curation and Use

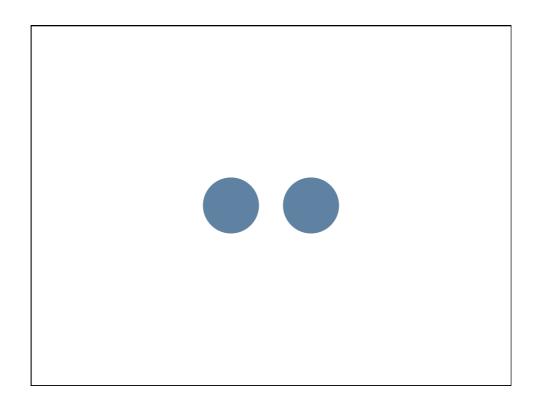
LONDON MAGAZINE

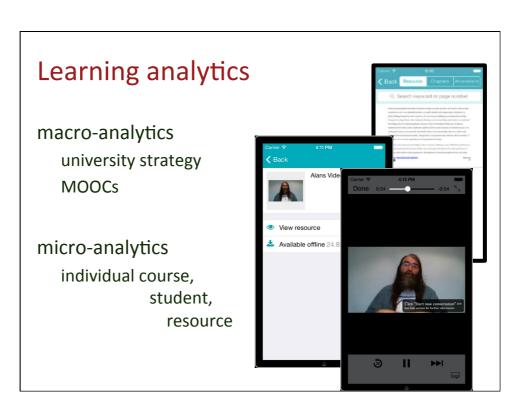


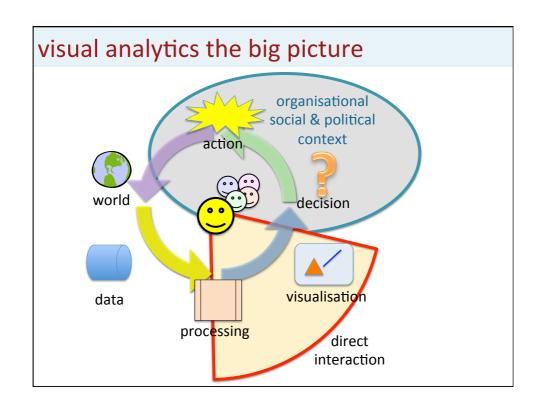


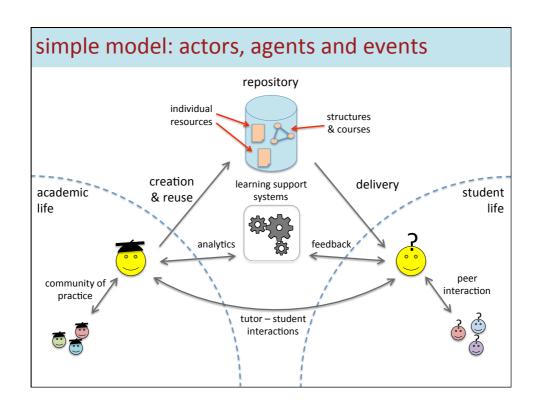


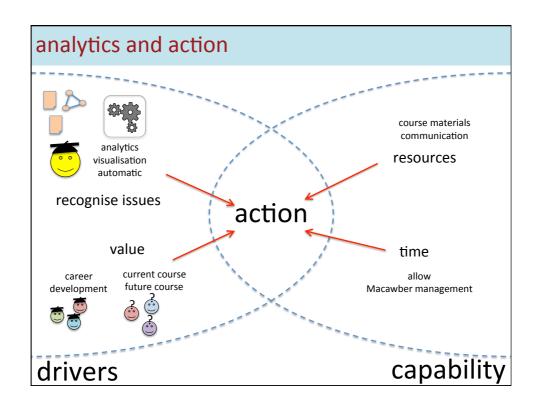












## time frames for learning analytics

days and hours

email, during lectures and labs, stduent meetings, gaps

week

preparing for teaching, exercises

months/mid-semester

reporting points, staff meetings, cohort/student progress

end of semester/term/year

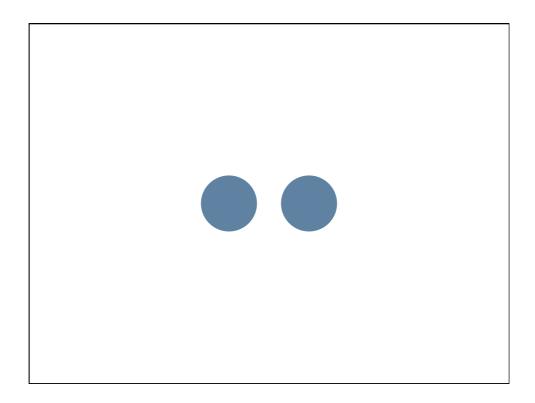
exams, exam boards, course revew,

start of semester/term/year

preparing for new courses or re-runs, rollover!

years

new courses, professional development, appraisal, promotion

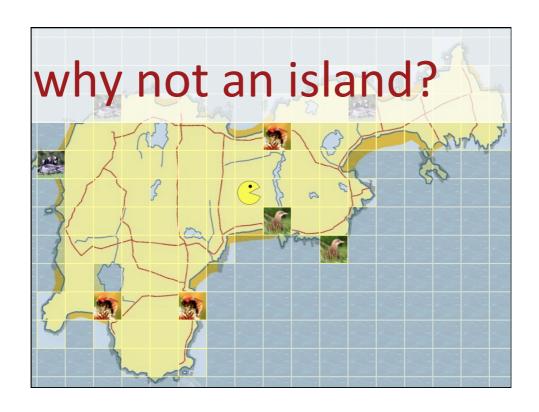


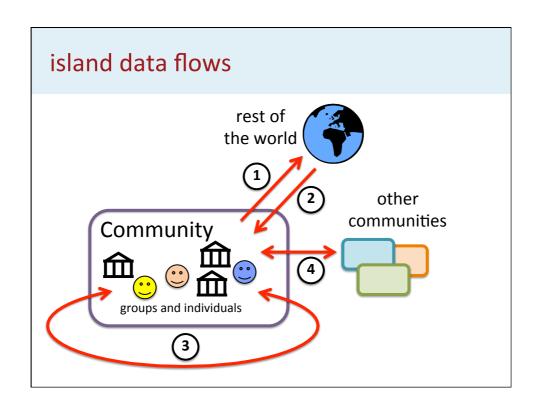
# **Open Data**

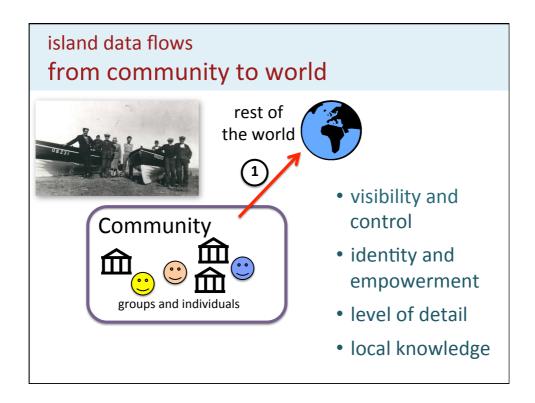
everyone is doing it

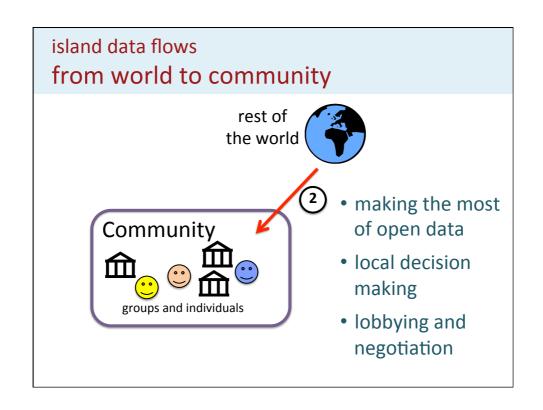
Governments, Cities, local gov.

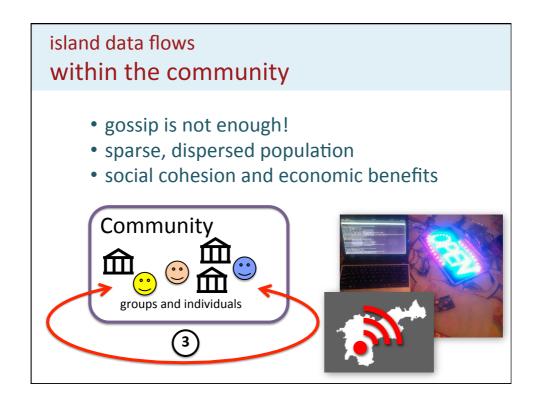
In C21 Data is Power

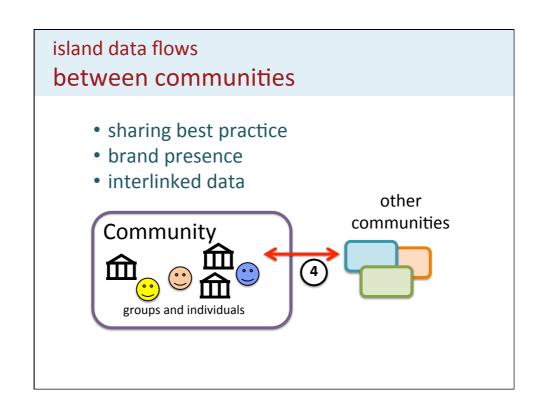












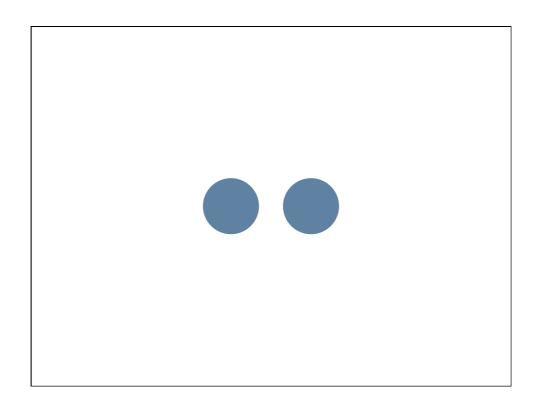
## benefits to ...

### the community

empowerment and control
availability of information
communication within and between communities

#### the world

improved quality of data level of detail of data local knowledge and understanding



# themes and take-aways ...

data in context
heterogeneity and linking
value and values
ethics and empowerment

.... and please use my data  $\ensuremath{\mbox{\ensuremath{\mbox{o}}}}$ 

