

# Long-Term Engagement

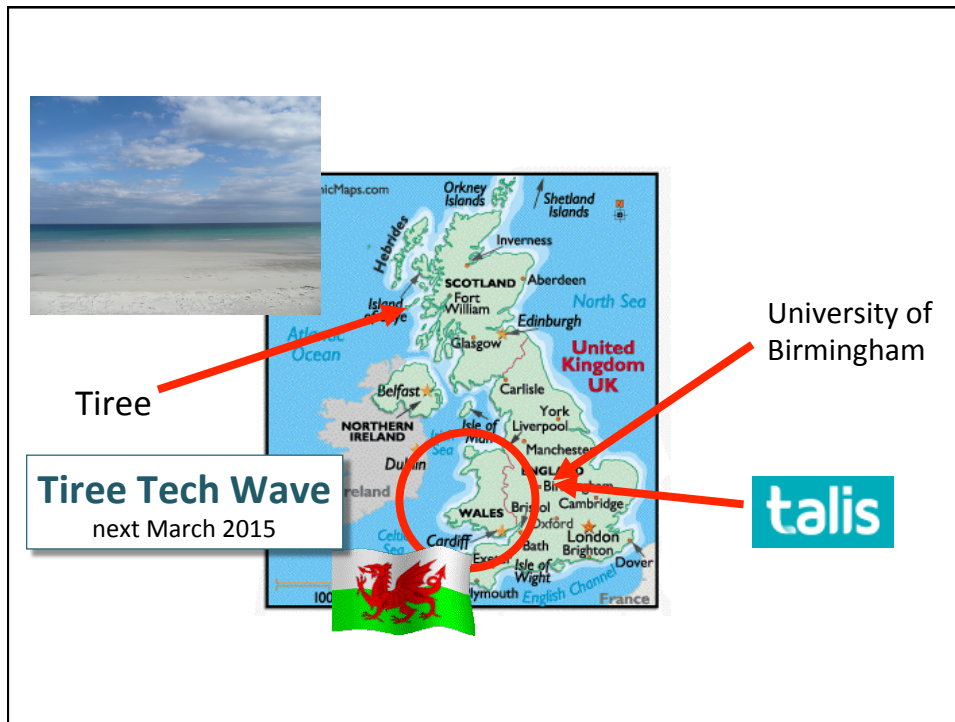


Alan Dix  
Talis & University of Birmingham

<http://alandix.com/>

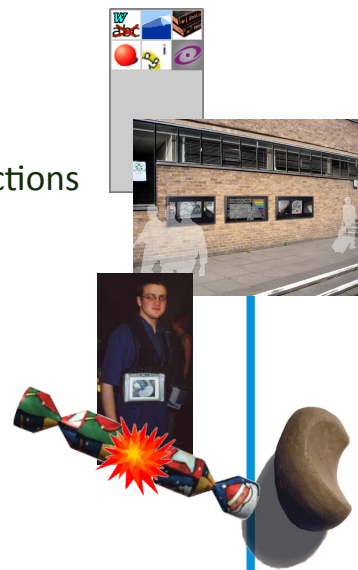


about me  
and what I do



## today I am not talking about ...

- intelligent internet interfaces
- visualisation and sampling
- situated displays, eCampus, small device – large display interactions
- fun and games, virtual crackers, artistic performance, slow time
- creativity and Bad Ideas
- physicality & TouchIT
- modelling dreams and regret



... or even lots of lights



<http://www.hcibook.com/alan/projects/firefly/>

... let alone



now at  
[interaction-design.org](http://interaction-design.org)

<http://hcicourse.com/>

I am talking about ...

engagement

long-term  
engagement

## kinds of engagement

### short term moment-to-moment interaction

linked to: immersion, flow, UX

### extended engagement / long-term use

linked to: adoption, system design, extended episodic experience

### engagement with technology

linked to: participatory design, enculturation, co-design,  
community action, social identity and empowerment

## series of vignettes ...

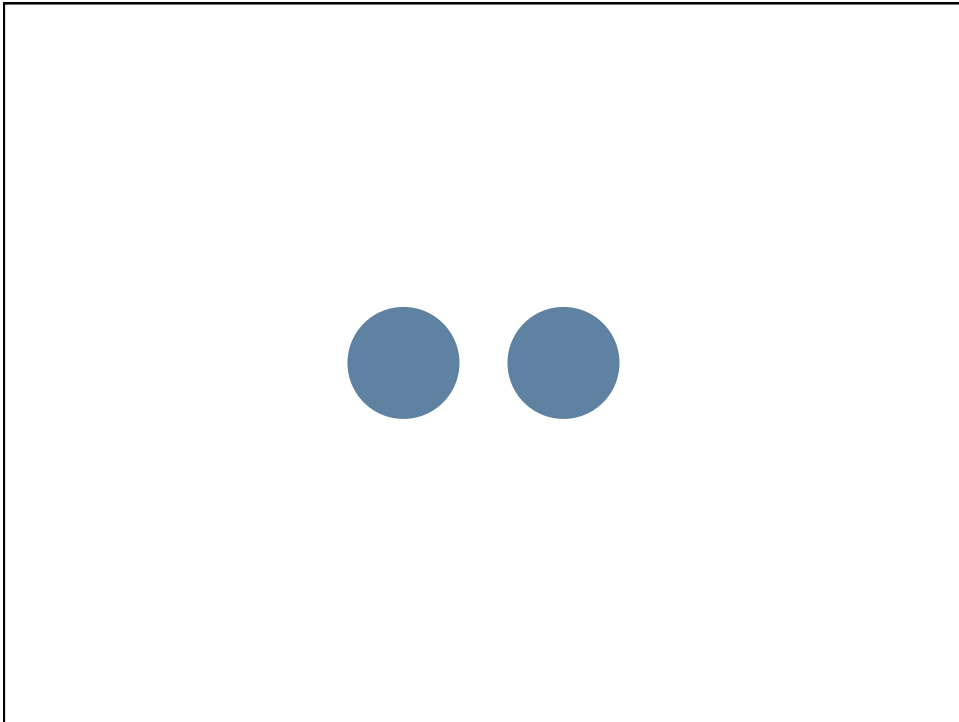
Walking Wales

Musicology

Learning analytics

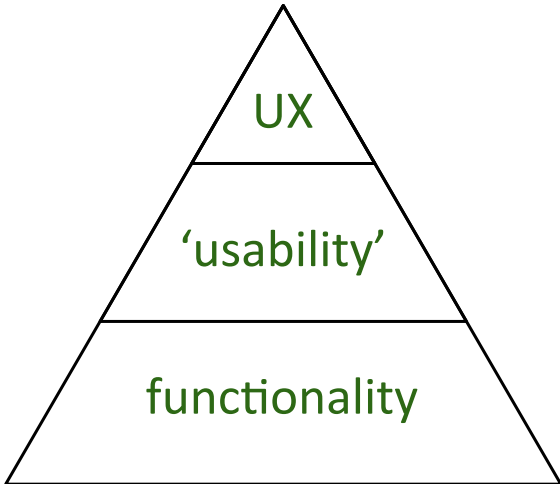
Tiree Island and Community

...

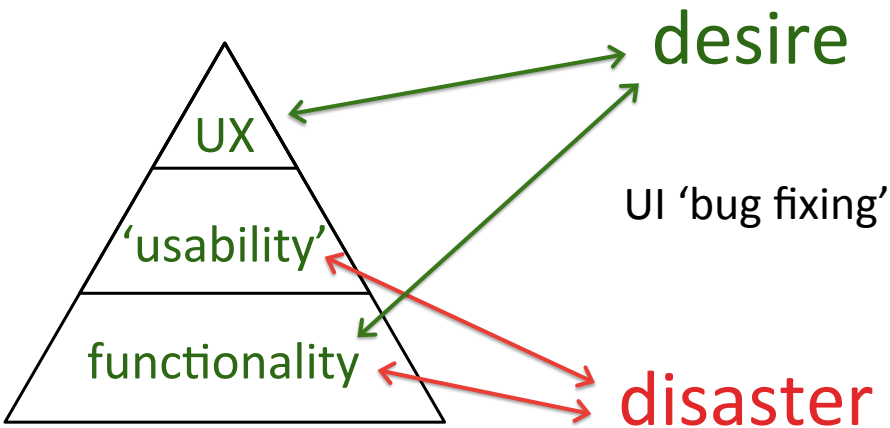


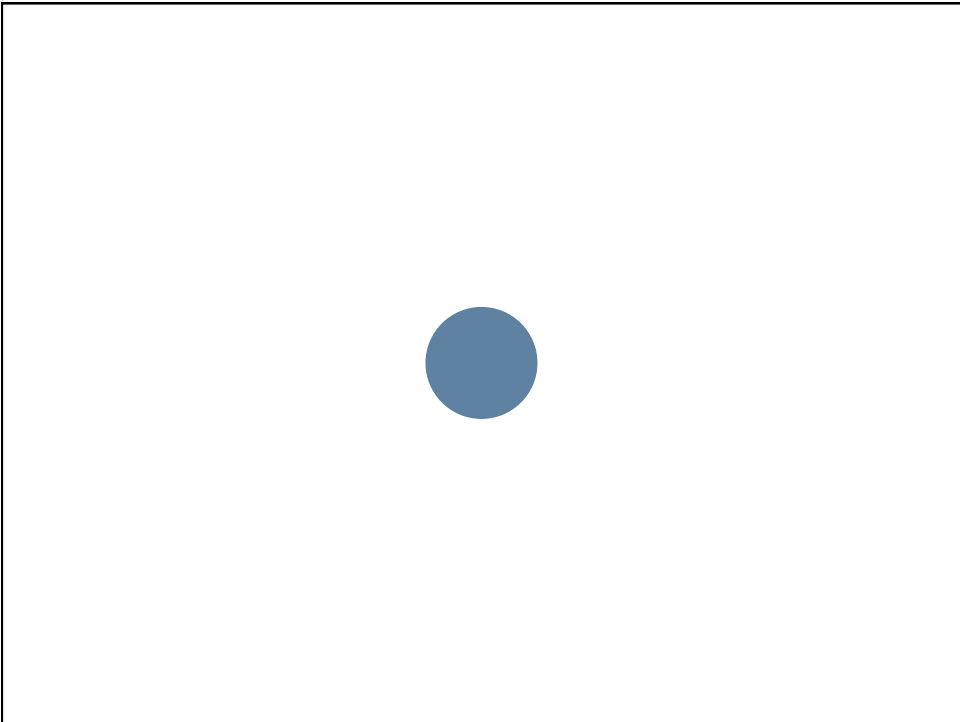
in the moment

the UX 'Maslow'



choosing design focus?





# onCue – intelligent interactions

user selects text

and copies it to clipboard

20	21		
25	24		
7	7	3	7

the dancing histograms very useful a  
ing out some of the textile sites yo  
x's page at <http://www.hiraeth.com/>

slowly icons fade in



## onCue ...

loads of downloads  
loads of registrations  
... and then ... nothing!

unobtrusive, subtle ... unnoticed  
not easy to play with it

redesign had pop-down type-in area



in the moment

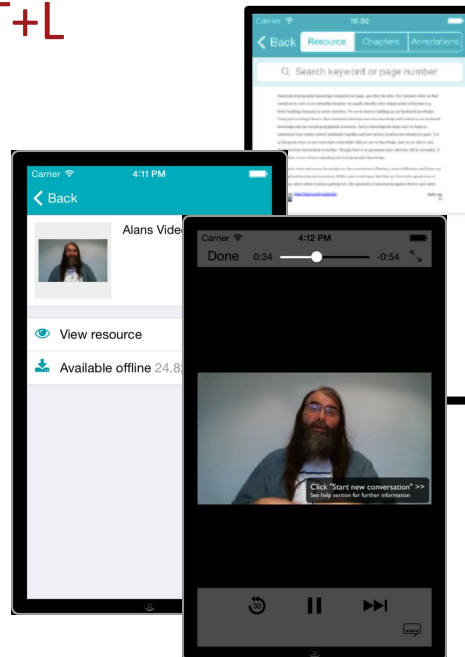


desire and disaster  
play

# getting it used

**talis** university T+L

reading list  
digital content  
universal player  
micro-analytics ...  
individual course,  
student, resource

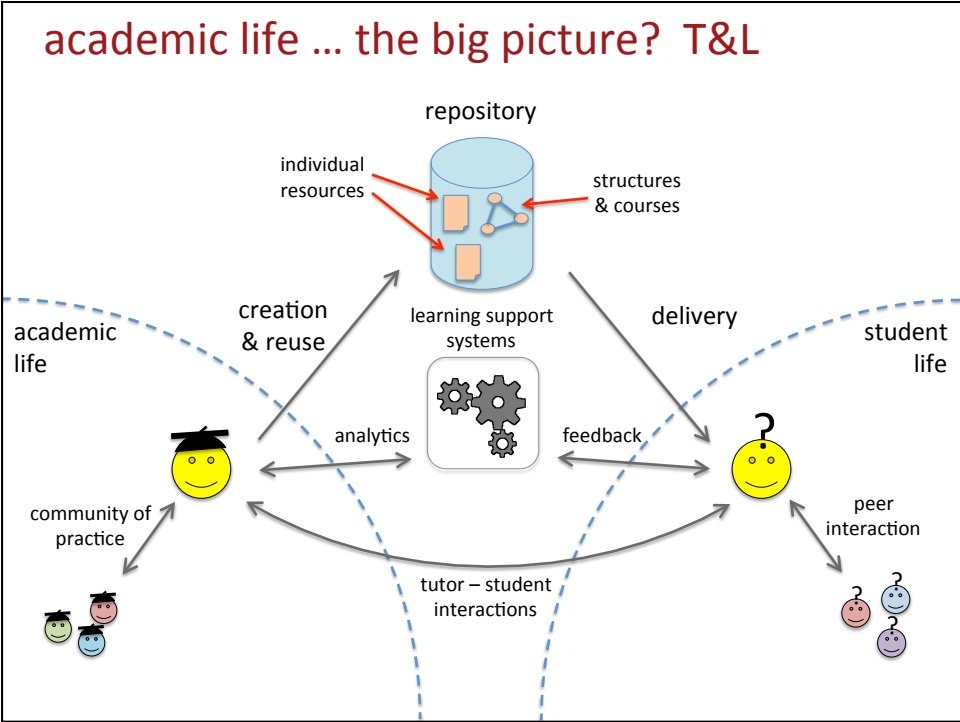
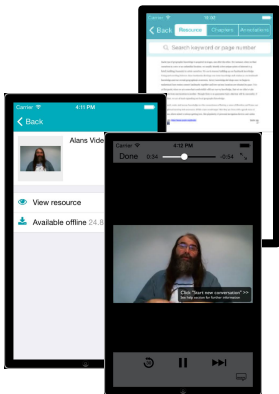


**tal** university T+L

institutional adoption ✓

student experience ✓

academic adoption ... ?



academic life ...  
time frames for learning analytics

- days and hours  
email, during lect
- week  
preparing for tea
- months/mid-semester  
reporting points, st
- end of semester/term/year  
exams, ex
- start of semester  
preparing to
- years  
new courses, professional development, appraisal, promotion

temporal matching:  
notification  
information  
action

Micawber management  
"I'll do it later"



## In Concert

Working with musicologists

Concert ephemera

1750–1800 Calendar of London Concerts

➔ 1815–1895 Concert Life in London

1894–1944 Concert Programme Exchange (BL)

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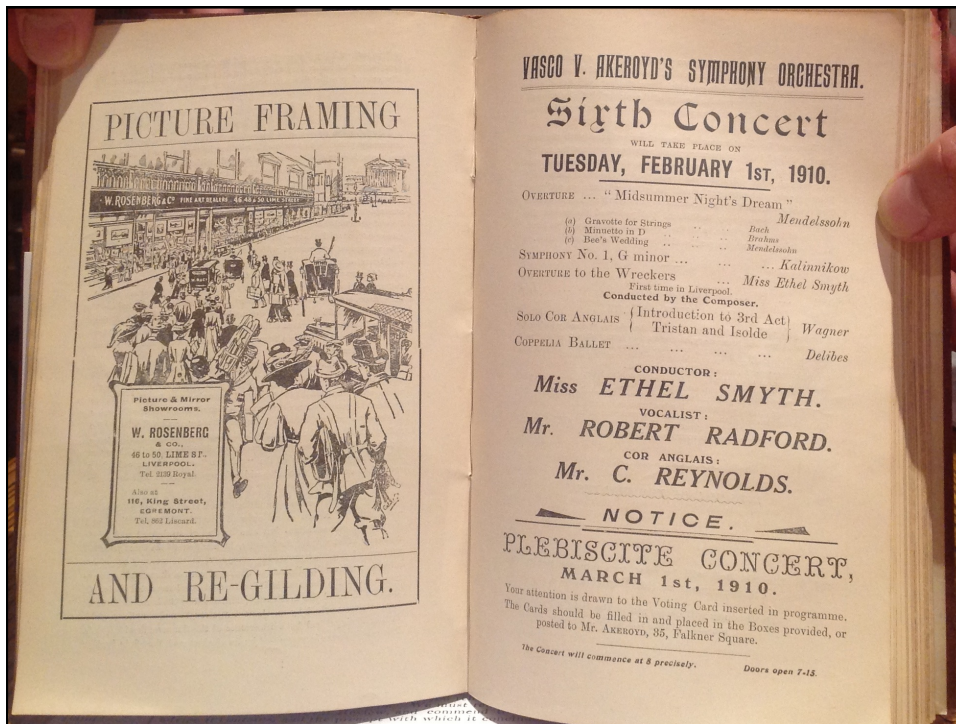
e found,  
one foot  
indows,

**VOCAL CONCERTS.**—Under the  
immediate Patronage of her 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—  
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  
the Members of the Vocal Society, Half-a-guinea each.  
EDWARD TAYLOR, Secretary, 3, Regent Square.

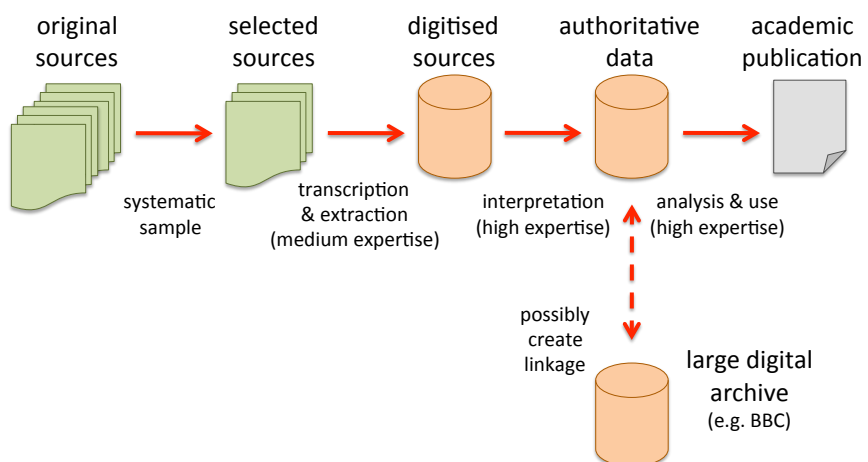
TO HOTEL AND INNKEEPERS, UPHOL-  
STERERS, &c.

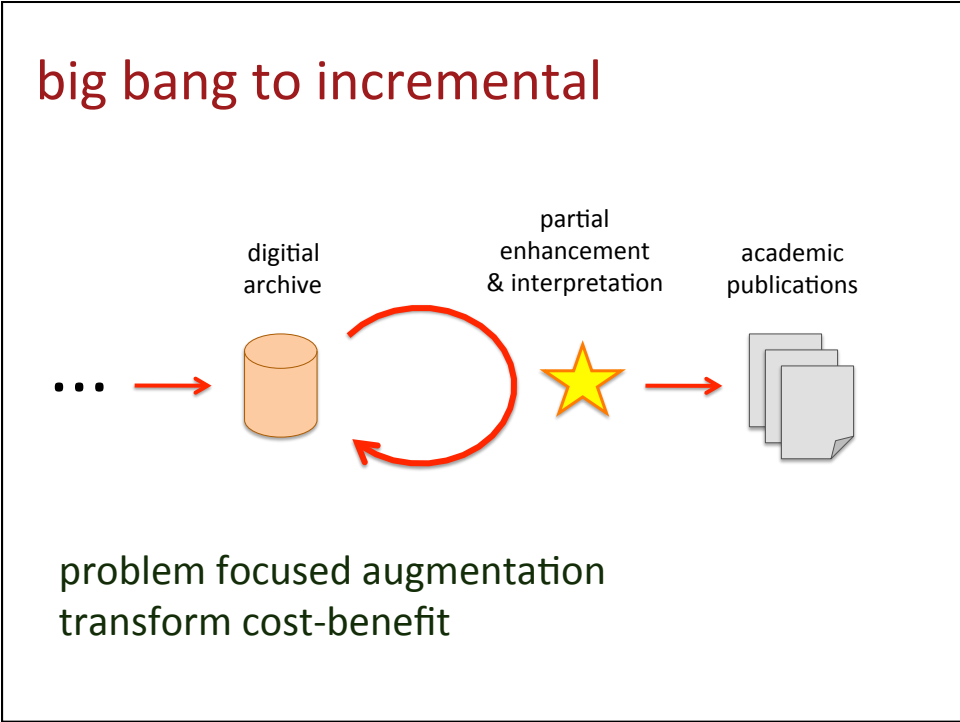
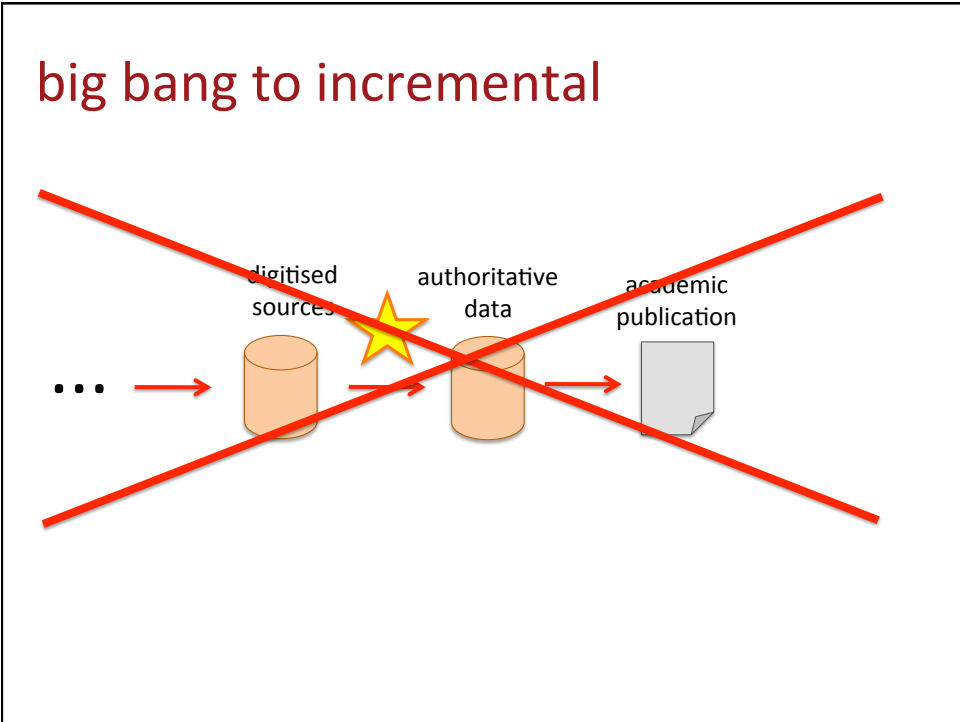
**W.** Manser, 27, Wardour Street,  
Soho, has now on Sale an IMMENSE STOCK  
OF COMMON FURNITURE, JAPANNED AND IN  
OAK, made in a manner which can be warranted, the

(2)



## concert database classic digital humanities?





getting it used



temporal matching  
notification & action  
cost & benefit

community



## 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



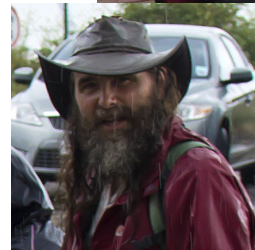
## walking as research

slow! ... and hurts :-/

imposed time frame ... for good & ill

waving banners ...

personality prosthesis

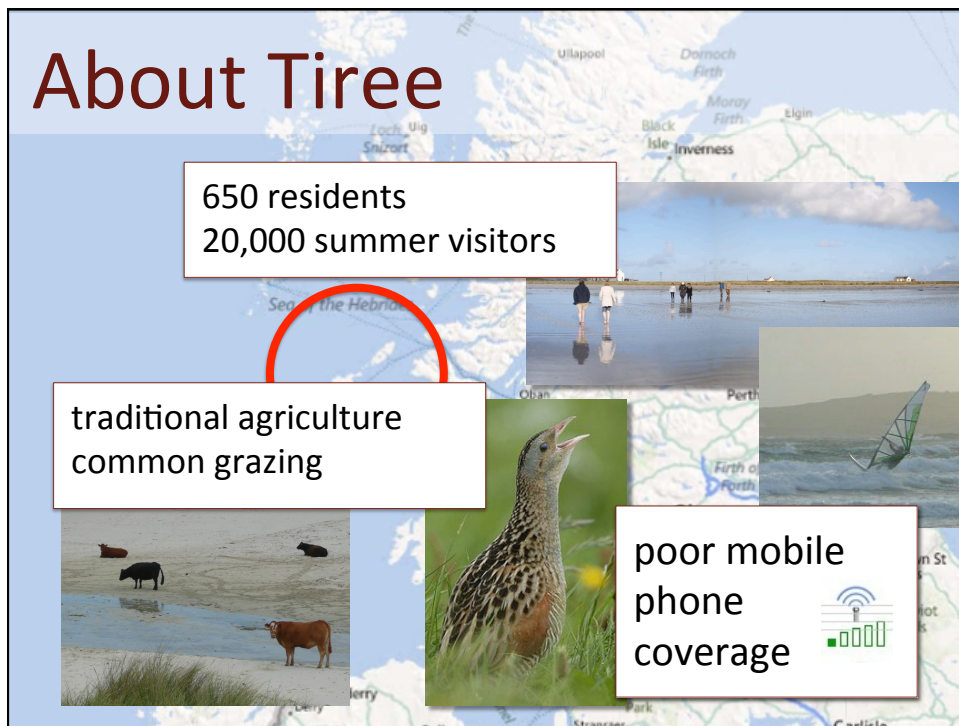


# About Tiree

650 residents  
20,000 summer visitors

traditional agriculture  
common grazing

poor mobile  
phone  
coverage

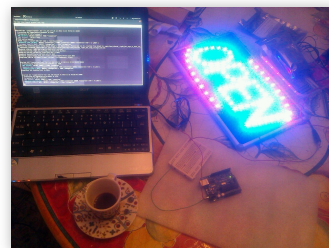
A collage of images related to Tiree. At the top left is a map of the island with a red circle highlighting a specific area. Below the map are several smaller images: a beach with people, a cow grazing in a field, a bird (possibly a wren) in a field, and a sailboat on the water. The text boxes are overlaid on the collage.

## island projects – slow research

- Tiree Tech Wave – maker event
- Frasan - mobile heritage app
- TireeConnect – island communication  
gossip is not enough!
- OnSupply – renewable energy awareness
- Projected touch-table



- General pattern  
understand – act – reflect  
... takes time





## 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

engaging with community



personality prosthesis  
patience ...

## themes and take-aways ...

in the moment  
desire and disaster, play

getting it used  
matching: notification & action, cost & benefit

engaging with community  
personality prosthesis, patience

... and please use my data 😊

