Long-Term Engagement

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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://hclcourse.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
onCue – intelligent interactions

- User selects text
- And copies it to clipboard
- Slowly icons fade in

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

university T+L

reading list
digital content
universal player
micro-analytics ...
individual course,
student, resource
university T+L

institutional adoption ✔

student experience ✔

academic adoption ... ?

academic life ... the big picture? T&L

repository

individual resources

structures & courses

academic life

creation & reuse

learning support systems

delivery

student life

community of practice

analytics

feedback

tutor – student interactions

peer interaction

summer	

academic
tut	

communication
academic life...

time frames for learning analytics

days and hours
- email, during lectures, lab, and gaps
week
- preparing for teaching
months/mid-semester
- reporting points, staff meetings, student progress
end of semester/term/year
- exams, end of course review,
start of semester
- preparing for teaching
years
- new courses, professional development, appraisal, promotion

temporal matching:
- notification
- information
- action

"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)
concert database
classic digital humanities?

original sources → selected sources → digitised sources → authoritative data → academic publication

systematic sample → transcription & extraction (medium expertise) → interpretation (high expertise) → analysis & use (high expertise) → possibly create linkage → large digital archive (e.g. BBC)
big bang to incremental

... digitised sources -> authoritative data -> academic publication...

big bang to incremental

... digital archive

partial enhancement & interpretation

academic publications

problem focused augmentation transform cost-benefit
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

lots of data
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

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
open data ... why not on an island?

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 😊