http://eprints.ecs.soton.ac.uk/id/eprint/21898

Consuming Linked Data services: rkbexplorer.com, ecs.soton.ac.uk, britishmuseum.org, dotac.info, google gadgets, Whozat

DevCSI Linked Data Hackdays
ILRT, Bristol, UK, 14th January 2011

Hugh Glaser
Seme4 Limited and University of Southampton, UK

UNIVERSITY OF
Southampton
School of Electronics
and Computer Science

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LINKED DATA SOLUTIONS

Seme4.com

Consuming Linked Data

- **Linked Data Browsers?**
  - Just soooooo boring
  - And not real user

- **Semantic Web Applications?**
  - Revolution, not evolution
  - Confuse presentation and data

- **Think about other people consuming**
  - Publishing isn't exciting any more

- **Provide appropriate services in appropriate formats**
  - Consumable by "normal" systems
  - This means
    - Useful – doing useful things
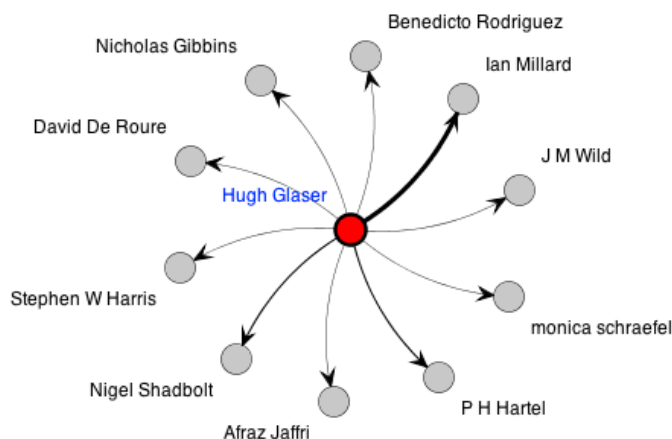   - RESTful – easy to access
    - JSON – easy to process
    - …

2

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http://www.rkbexplorer.com/explorer/#display=person-%7Bhttp%3A//southampton.rkbexplorer.com

RKBExplorer » People » Hugh Glaser

1 match ◀ ▶ 🔍 museum Done

RKBExplorer » **People** » Hugh Glaser

Search... Search

→ about   → system requirements
→ help   → data sources
→ contact   → acknowledgements

Related people

Benedicto Rodriguez

Nicholas Gibbins

Ian Millard

David De Roure

J M Wild

Hugh Glaser

Stephen W Harris

monica schraefel

Nigel Shadbolt

P H Hartel

Afraz Jaffri

Details
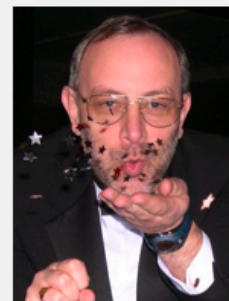
Full Name:
Hugh Glaser ⎘

Full Name:
H Glaser ⎘

People

Ian Millard	?
P H Hartel	?
Nigel Shadbolt	?
Afraz Jaffri	?
Nicholas Gibbins	?
Benedicto Rodriguez	?
Stephen W Harris	?
David De Roure	?
J M Wild	?

Organisations

University of Southampton	?
Declarative Systems and Software Engineering	?
Intelligence, Agents, Multimedia Group	?

Publications

The Dataflow Programming Language CAJOLE - An Informal Introduction	?
Compilation of functional languages using flow graph analysis	?
Museum data, where next – consuming linked data	?
Consuming multiple linked data sources: Challenges and Experiences	?
Faceted Classification Scheme ODP	?

Projects

ReSIST Resilience for Survivability in IST	?
A DISTRIBUTED APPLICATION GENERATOR IN THE SEARCH/OPTIMISATION DOMAIN	?
GRAPHICSLA : GRAPHICAL PROGRAMMING AND DISTRIBUTED THREADS	?
HELIOS	?

Applet eu.resist.rkb.RKBExplorer2 started

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And Why?

http://www.rkbexplorer.com/cop/explain.php?type=person-person&source=http%3A%2F%2F

Google

geonames   Electronics and Com...

RKBExplorer » People » Hugh G...   http://www.rkbexplorer.com/c...   +

www.rkbexplorer.com

Hugh Glaser is connected to **Ian Millard**

They are linked by 43 relations.

Publications

They have co-authored 39 papers:

- Web of Data Plumbing - Lowering the Barriers to Entry
- RKBPlatform: Opening up Services in the Web of Data
- http://data.semanticweb.org/conference/eswc/2007/demo-11
  (36 more)

Affiliations

They are both affiliated to **School of Electronics and Computer Science**.

Projects

They are both members of 3 projects:

- ReSIST RKB Editorial Board
- ReSIST SIG ResOn
- ReSIST Resilience for Survivability in IST

Done   zotero

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Open System

- **RKBExplorer is only one interface**
  - And not a required part
- **Services:**
  - Details for a paper (the right hand pane in RKBExplorer):
    - http://www.rkbexplorer.com/detail/?uri=http://southampton.rkbexplorer.com/id/eprints-12614
  - Network of people for a publication (lower pane):
    - http://www.rkbexplorer.com/network/?uri=http://southampton.rkbexplorer.com/id/eprints-12614&type=publication-person
  - …
- **Services**

  - http://www.rkbexplorer.com/services/

5

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http://www.rkbexplorer.com/services/

News   WRPMO   Single (24)▾   And▾   same as   sameas▾   Furniture▾   iPhone▾   ECS▾   UoS▾   DH▾   ReSIST▾   MacOS X▾   Football▾   RKB▾   ENT▾   iPhone App▾   »

http://www.rkbexplorer.com/ser...   +

www.rkbexplorer.com

contact

This page gives convenient access to various useful links and demonstrations associated with RKBExplorer.
It is primarily for the use of project members and collaborators, and not intended as a general entry point for other people.
It exposes many of the services of the RKB system in RESTful-style manners.
One day I will find the time to make a better page, with documentation.

If you are interested in something here and want to explore using it, please contact Hugh Glaser or Ian Millard.

RKB Explorer application
    ReSIST project, Jean-Claude Laprie, ALRL Paper

iGoogle Gadgets of the RKB Panels
    [Main Page]

Complete Co-Reference Information
    [Main Page],
    or try: Nigel Shadbolt, Hugh Glaser, Brian Randell, Jean-Claude Laprie, Seungwoo Lee

Ontology Mapping
    [Main Page],
    or try: KISTI -> AKT (RDF, html);

Networks (Communities of Practice)
    [Find the Network of a URI],
    or try: Hugh Glaser, The Semantic Web Revisited, Tim Berners-Lee

Detail Information
    [Find Information about a URI],
    or try: Hugh Glaser, The Semantic Web Revisited, Tim Berners-Lee

Why? - Why are two Things Related?
    [Main Page],

6

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Seme4.com

http://www.ecs.soton.ac.uk/people/hg

Hugh Glaser

UNIVERSITY OF
Southampton
School of Electronics
and Computer Science

🔍 Search [Enter keywords here] [go]

Home | UG Study | MSc Admissions | PG Opportunities | Research | Business | People | Alumni | Contact | Intranet

University of Southampton > ECS > People > Hugh Glaser

Hugh Glaser

Contact
Research and Projects
Publications
Homepage

Search People

[Enter a name here]
[Search]

RDF

vCard

Hugh Glaser
School of Electronics and Computer Science
University of Southampton
Southampton
SO17 1BJ
United Kingdom

Position: Visiting academic staff in Intelligence, Agents, Multimedia Group
Fax: +44 (0)23 8059 3045
Email: hg@ecs.soton.ac.uk
URI: http://id.ecs.soton.ac.uk/person/21 [browse]

Interests: genetic algorithms, ontology maintenance, semantic grid, semantic squirrels, semantic web, semantic wiki, service composition, ubiquitous computing, web 2.0

The group secretary for the Intelligence, Agents, Multimedia Group is Jane Morgan.

Additional Contact Details

I may be here

Duties

ECS - Staff Training Budget
ECS - Travel Budget
Staff Teaching allocation (with Mark Zwolinski)

Hugh Glaser

Hugh works with:

- Dr Ian Millard   (explain)
- Professor Nigel R Shadbolt   (explain)
- Afraz O Jaffri   (explain)
- Dr Nicholas Gibbins   (explain)
- Bene Rodriguez-Castro   (explain)
- Professor David C De   (explain)
  Roure
- Leslie Carr   (explain)
- Dr Harith Alani   (explain)
- dr monica mc schraefel   (explain)
- Dr. Manuel Salvadores   (explain)
- Gianluca Correndo   (explain)

This list of people is sourced from RKBExplorer, the result of an ECS project. Click on the "explain" link to the right of each person to find out how they are connected. **Note**: the explain link requires heavy processing and may take some time to load.

http://www.britishmuseum.org/research/search_the_collection_database/search_object_detail

lod diagram

Single (8) ▾ | And ▾ | same as | sameas ▾ | South America Stuff ▾ | iPhone ▾ | ECS ▾ | UoS ▾ | DH ▾ | ReSIST ▾ | MacOS X ▾ | Football ▾ | RKB ▾ | ENT ▾ | iPhone App ▾ | »

British Museum – Search object ...

Home > Research > Search the collection database

1 of 1

The Rosetta Stone

AN16456004

© The Trustees of the British Museum

🔍 Larger image

📄 Use digital image

🖨 Print record

Side: right   Side : left   Full: Front

See all views (5) ▾

Department: Ancient Egypt & Sudan

Registration number: .24

BM/Big number: 24

Additional IDs
BS.24

Bibliographic reference

Object types
stela (**all objects**)

Title (object)
The Rosetta Stone
Materials
granodiorite (**all objects**)
Place (findspot)
Excavated/Findspot Fort Saint Julien (**all objects**)
Date
196BC
Period/Culture
Ptolemaic (**scope note** | **all objects**)

Description
Part of grey and pink granodiorite stela bearing priestly decree concerning Ptolemy V in three blocks of text: Hieroglyphic (14 lines), Demotic (32 lines) and Greek (53 lines).

Inscriptions
Inscription Type: inscription
Inscription Language: Greek

Inscription Type: inscription
Inscription Script: hieroglyphic
Inscription Language:
Inscription Comment: The inscription is a decree passed by a council of priests, one of a series that affirm the royal cult of the 13 year-old Ptolemy V on the first anniversary of his coronation.

Inscription Type: inscription
Inscription Script: demotic
Inscription Language:

Dimensions
Length: 112.3 centimetres (max)
Width: 75.7 centimetres
Thickness: 28.4 centimetres

More about object	Conservation

Condition
fair (incomplete)

Curator's comments
Compass text:

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Seme4.com

http://www.britishmuseum.org/research/search_the_collection_database/search_object_detail

lod diagram

Single (8) ▾ | And ▾ | same as | sameas ▾ | South America Stuff ▾ | iPhone ▾ | ECS ▾ | UoS ▾ | DH ▾ | ReSIST ▾ | MacOS X ▾ | Football ▾ | RKB ▾ | ENT ▾ | iPhone App ▾ | »

British Museum – Search object ...

THE BRITISH MUSEUM

Home | Visiting | What's on | Explore | Research | Learning | The Museum | Membership | Support us | Shop

Search

Home > Research > Search the collection database

1 of 1

The Rosetta Stone

AN16456004

© The Trustees of the British Museum

🔍 **Larger image**

🖼 **Use digital image**

🖨 **Print record**

Side: right | Side : left | Full: Front

See all views (5) ▾

Department: Ancient Egypt & Sudan

Registration number: .24

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Length: 112.3 centimetres (max)
Width: 75.7 centimetres
Thickness: 28.4 centimetres

More about object	Conservation

June 1999 – Temporary Exhibition ➕

April 1992 – Examination ➕

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British Museum – Search object details

http://www.britishmuseum.org/research/search_the_collection_database/search_object_detail Reader

lod diagram

Single (8) ▾   And ▾   same as   sameas ▾   South America Stuff ▾   iPhone ▾   ECS ▾   UoS ▾   DH ▾   ReSIST ▾   MacOS X ▾   Football ▾   RKB ▾   ENT ▾   iPhone App ▾   »

British Museum – Search object ...

AN16456004

© The Trustees of the British Museum

🔍 **Larger image**

🖼 **Use digital image**

🖨 **Print record**

Side: right   Side : left   Full: Front

See all views (5) ▾

Department: Ancient Egypt & Sudan

Registration number: .24

BM/Big number: 24

Additional IDs
BS.24

Bibliographic reference
Strudwick N 2006 pp.298-299

Location:
G4/CSE

📷 **Commission photography**

◂ **Back to search results**

◂ **Back to search**

Description
Part of grey and pink granodiorite stela bearing priestly decree concerning Ptolemy V in three blocks of text: Hieroglyphic (14 lines), Demotic (32 lines) and Greek (53 lines).

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Inscription Language:

Dimensions
Length: 112.3 centimetres (max)
Width: 75.7 centimetres
Thickness: 28.4 centimetres

More about object	**Conservation**

June 1999 – Temporary Exhibition ▭

Treatment date
24 June 1999

Reason for treatment
Temporary Exhibition

Treatment proposal
1. Test clean return edges; 2. Clean and prepare for "Rosetta Stone, Cracking Codes and Decipherment" exhibition.

Condition
Object coated with protective treatment - identified as carnauba wax, hand-grease and dirt. Inscription bears traces of hard pink material, principally near edges and at corners. It closely matches the pink granite vein for colour and is covered in places by black printers ink - see anaylsis report. Inscription was painted with water-based white Plaka gouache, by Carol Andrews in 1982 to replace white powder. (White powder was probably modelling clay applied as a slip over entire surface; the excess would have been removed with a cloth). White powder [clay] continued to inhabit areas of damage. Returns at either side have white deposit with pronounced horizontal directionality, but areas of damage do not have this deposit. (This is possibly gypsum plaster, spilled during casting of the inscription in Egypt). Also found: traces of reddish compacted clay on back and returns and a looser whitish material under cross-members of old mount, but elsewhere consolidated and turned brown by carnauba wax. Text painted in white on left return: "CAPTURED IN EGYPT BY THE BRITISH ARMY IN 1801"; on right return: "PRESENTED BY KING GEORGE III".

Treatment details
Samples were taken of: pink material and printers ink in inscription; surface coating from various locations; white deposit on returns; reddish compacted clay on back and returns; loose whitish

http://www.dotac.info/explorer/#project/http://jisc.rkbexplorer.com/id/project-279

Google 1P

MyExperiment :: dotAC Explorer

MyExperiment

Search...

dot AC .info

Location of Project Members

Map | Satellite | **Terrain**

Aberdeen
South Bank
Dundee
Stamen
Banks
Edinburgh
Glasgow
Londonderry / Derry
Belfast
English Channel
Newcastle Upon Tyne
Sunderland
Middlesbrough
Darlington
Dublin
Isle of Man
Port Saint Mary
Preston Leeds Hull
St Helens Manchester Grimsby
Kish Bank Liverpool
Stoke-on-Trent Nottingham Wells Harbour
Wexford Harbour Leicester Peterborough Norwich
Wolverhampton Birmingham Northampton Ipswich
Rosslare Harbour Gloucester Luton Chelmsford Den Haag
Cork arbour Swansea Bristol Swindon London Southend-on-Sea
Cardiff Reading Woking Gillingham Dunkerque
Exeter Bournemouth Southampton Brighton Calais L'Yser
Plymouth Portsmouth Eastbourne La Hern
Portland Harbour La Ternoise Aire
Hand Deeps Map data ©2010 Tele Atlas Terms of Use

Vliestroom
Marsdiep
Alkmaar
Amsterdam
Den Haag
Rotterdam
Urk
Brugge Eindhove
Brussel Bruxelles
België Belgique
Lille

POWERED BY
Google
100 mi
100 km

Details

Names:
MyExperiment

Starts:
01/03/2007

Ends:
31/03/2009

Web Address:
http://www.myexperiment.org/ ⧉

Description:
The myExperiment Virtual Research Environment enables you and your research

Participating Organisations

University of Southampton ?

Project Members

Carole Goble ?

Danius Michaelides ?

David De Roure ?

Frederique VanTill ?

Related JISC Projects

Meeting Memory Technology Informing Collaboration ?

myExperiement Repository Enhancement ?

Collaborative Orthopaedic Research Environment ?

Internet-Based Behavioural Research ?

Virtual Research Integration Collaboration ?

Building Research and Innovation Networks ?

Publications

◀ ▶   +   http://www.google.com/ig?refresh=1   ↻   Q▾ Google

📖 ▦   iPhone ▾   Single (50) ▾   And ▾   ECS ▾   UoS ▾   DH ▾   ReSIST ▾   MacOS X ▾   Football ▾   RKB ▾   iPhone App ▾   dwb ▾   Benny Uni ▾   Air ▾   Canada ▾   P ▾   SWC ▾   GPS ▾   IPK ▾   »

iGoogle   +

Web Images Videos Maps News Shopping Gmail more ▼   hugh.glaser@gmail.com | Classic Home | My Account | Sign out

*i*Google™

[Search box]

(Google Search)   (I'm Feeling Lucky)

Advanced Search
Search Preferences
Language Tools

New! Add social gadgets to post updates and play games with friends.   **Change theme from Classic** | **Add stuff »**

⊟ **Home** ▾

Weather
Gmail
My Gadgets
BBC News | News F...
Slashdot
Search YouTube
RKBGadget » People
RKBGadget » Project
Google Translate

⊞ **RKBGadgets**

Updates
Friends

⊟ **Chat**

Search, add, or invite
● Hugh Glaser
   Set status here ▾

Chat with friends in undefined! ☒

Rather stay offline?
Sign out of chat.

🟠 Christopher Gutte
   new splashurl.net f
🟠 Valanto Kousetti
⚪ Andrew Landells
⚪ Joyce Lewis

Options ▾   Add friends

Google Translate   ▾ ☐

Enter text to translate here

Detect langu ▾   » English ▾   (Translate)

Translate Homepage | Dictionary Homepage

RKBGadget » People   ▾ ☐

Berners-Lee

(Search)   (Reset)

Found 3 results for "Berners-Lee"
M Berners-Lee   Mary Lee Berners-Lee   **Tim Berners-Lee**

Tim Berners-Lee ⧉

Full Name:
Tim Berners-Lee ⧉

Email Address:
timbl@w3.org

Web Address:
http://en.wikipedia.org/wiki/Tim_Berners-Lee ⧉

My Gadgets   ▾ ☐

Gadget   Inlined Cached
dictionary.xml   ☐   ☑
person.xml

RKBGadget » Project   ▾ ☐

[Search box]

(Search)   (Reset)

KNOWLEDGE WEB ⧉

Title:
   Realizing the semantic web

Other Names:
   KNOWLEDGE WEB

Project Overview:
   The current World Wide Web (WWW) is, by its function, the syntactic web where structure of the content has been presented while the content itself is inaccessible to computers. The next generation of the Web (the Semantic Web) aims to alleviate such problem and provide specific solutions targeted the

BBC News | News Front Page | World Edition   ▾ ☐

⊞ Afghan poll media blackout urged
⊞ US Colombia deal 'not a threat'
⊞ Sony cuts price of PS3 consoles
⊞ Honduras expels Argentine envoys
⊞ US journalist Robert Novak dies
⊞ Turnaround 'will not be simple'
⊞ Russia detains ship 'hijackers'
⊞ New Israeli settlements 'on hold'
⊞ Jackson to be buried on birthday

Weather   ▾ ☐

Southampton, England

☀ 13°C   Current: Clear
           Wind: SE at 3 km/h
           Humidity: 94%

Tue   Wed   Thu   Fri
☀   ☀   🌧   ⛅
21° | 13°   24° | 16°   20° | 11°   18° | 9°

Search YouTube   ▾ ☐

You Tube™ [search box]

◀◀ ▶▶ Confucius Quotes   Zytu

Gmail   ▾ ☐

iPhone App

13
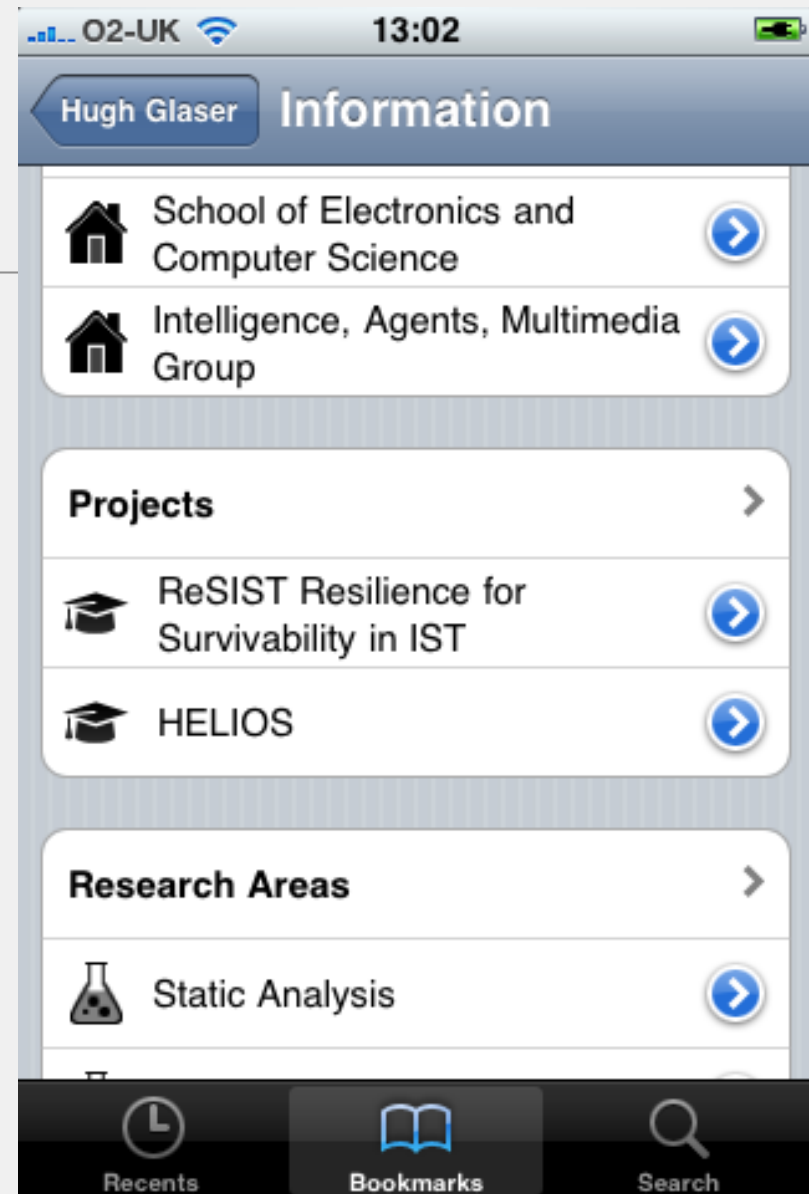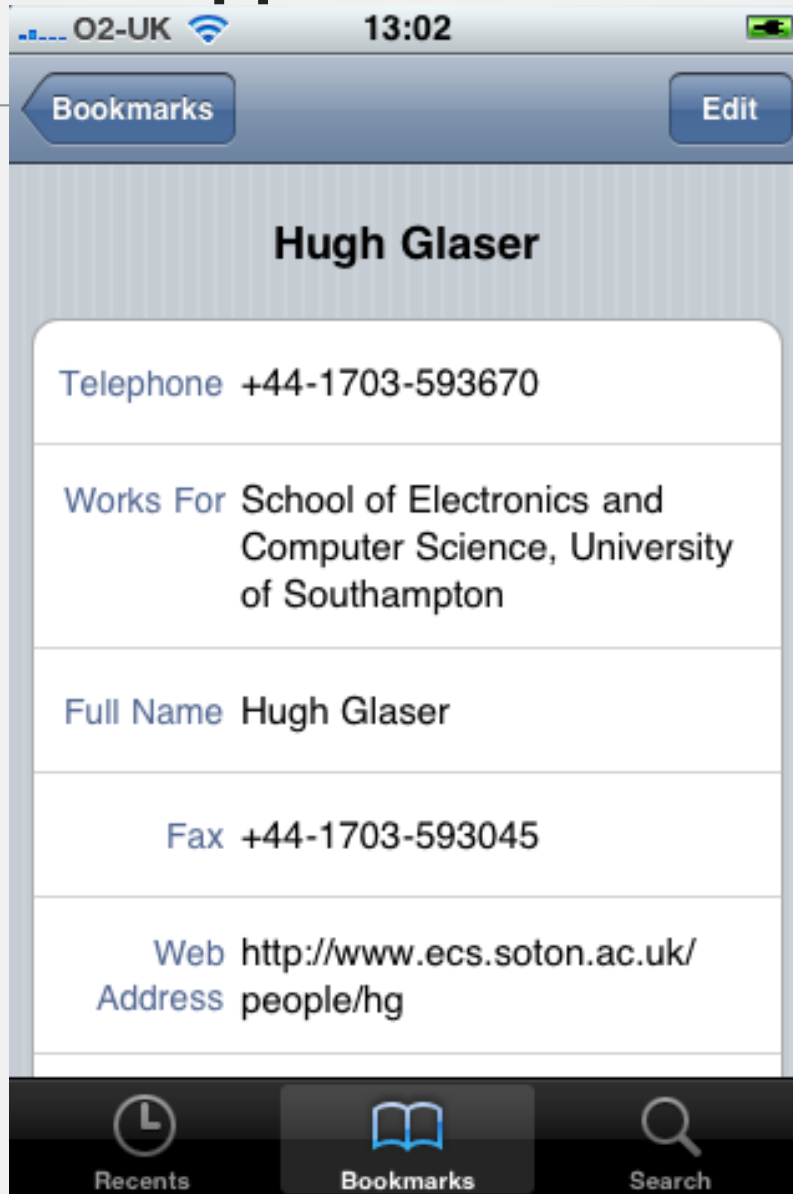
Concluding Remarks

- **Consume things yourself!**
  - The only way to find out if things are any good
  - Then you might be able to:

- **Provide appropriate services in appropriate formats**
  - Consumable by "normal" systems
  - This means
    - Useful – doing useful things
    - RESTful – easy to access
    - JSON – easy to process
    - …

14

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LINKED DATA SOLUTIONS

You are never alone

- **Ian Millard**

- **ReSIST Project**

- **AKT Project**

- **EnAKTing Project**

- **10 years of collaborators**

http://eprints.ecs.soton.ac.uk/id/eprint/21898

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