

Heurist – une infrastructure de base de données mutualisée pour les Sciences Humaines

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MSH Saclay 7/12/2022 & Lille University Open Science 8/12/2022



Databases (*sensu lato*) are fundamental

- SQL / NoSQL / Graph / XML / ... (eg. MySQL, Mongo, Neo4J, eXist, ...)
- en Sciences Humaines, les bdd sont:
 - Riche et hétérogènes
 - Diverse entity types
 - Rich in links/connections
 - diverse attributes: text, categorisation, hierarchies, dating, location
 - Rich media (documents, images, audio, video, 3D, ...)
 - sparse matrix (lots of missing data)
 - Lots of uncertainty (fuzzy dates, interpretation etc.)
 - We are short on technical resources to the level we need
So we need to call on developers:
 - **Cost** – initial and long term
 - **communication** between speaking different languages
 - **delay** in initial setup and in modification
 - **sustainability** of bespoke applications

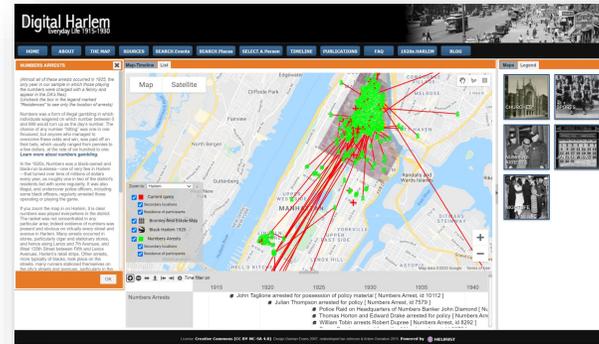
Humanities data are varied

(just a few examples)

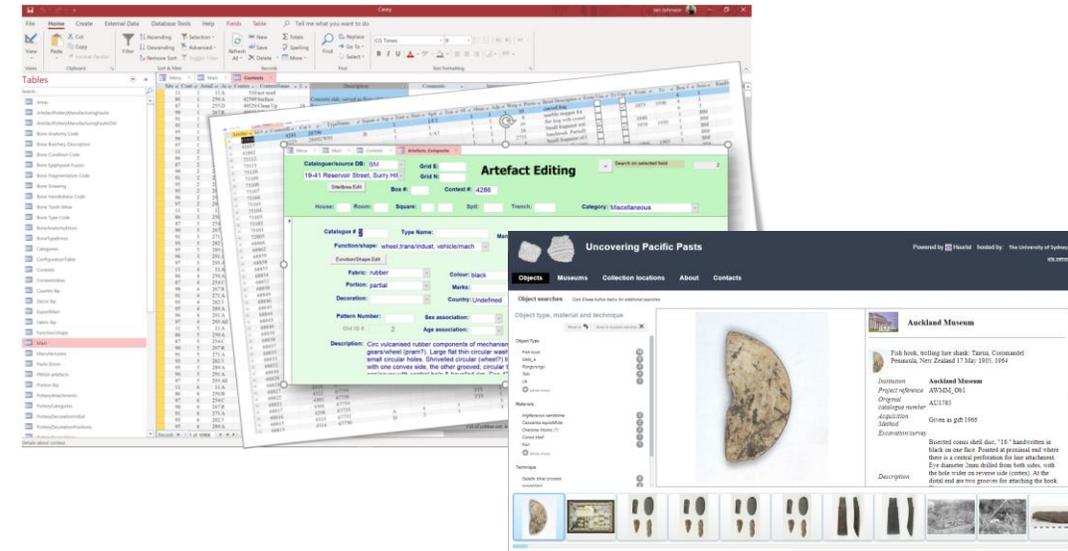
People, biographies



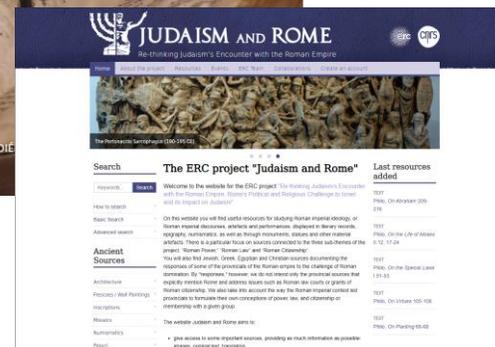
Events, crime



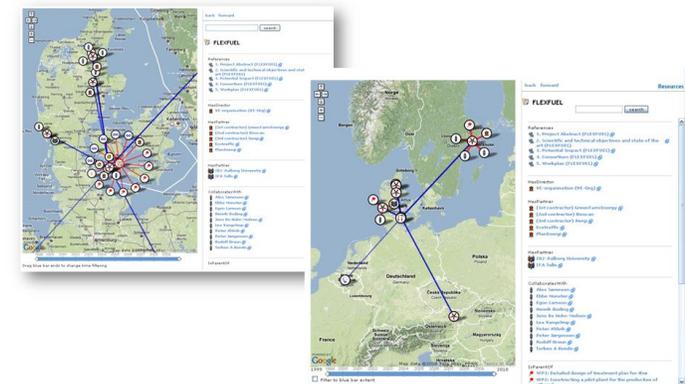
Archaeology, museums



Books, manuscripts, religion



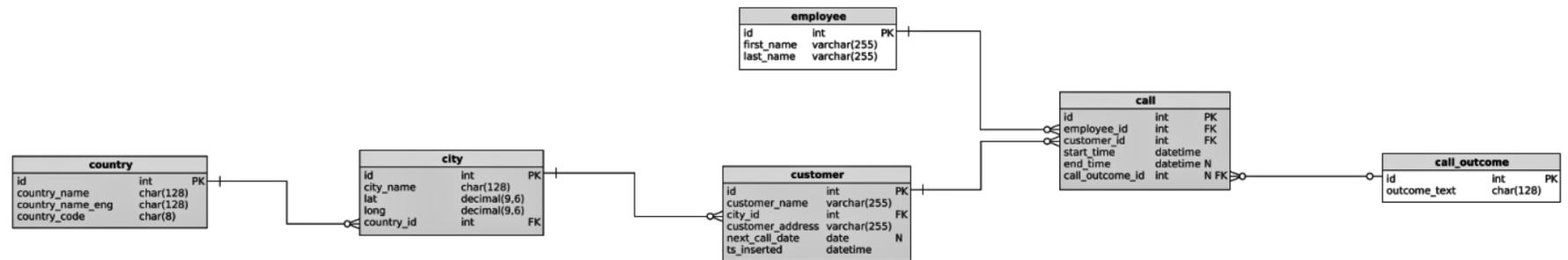
Networks



rich in text, media, objects, people, places and events, heterogeneous, richly linked and sparse-matrix

Do you like this sort of stuff?

```
1 SELECT
2 country.country_name_eng,
3 SUM(CASE WHEN call.id IS NOT NULL THEN 1 ELSE 0 END) AS calls,
4 AVG(ISNULL(DATEDIFF(SECOND, call.start_time, call.end_time),0)) AS avg_difference
5 FROM country
6 LEFT JOIN city ON city.country_id = country.id
7 LEFT JOIN customer ON city.id = customer.city_id
8 LEFT JOIN call ON call.customer_id = customer.id
9 GROUP BY
10 country.id,
11 country.country_name_eng
12 HAVING AVG(ISNULL(DATEDIFF(SECOND, call.start_time, call.end_time),0)) > (SELECT AVG(DATEDIFF(SE
13 COND, call.start_time, call.end_time)) FROM call)
ORDER BY calls DESC, country.id ASC;
```

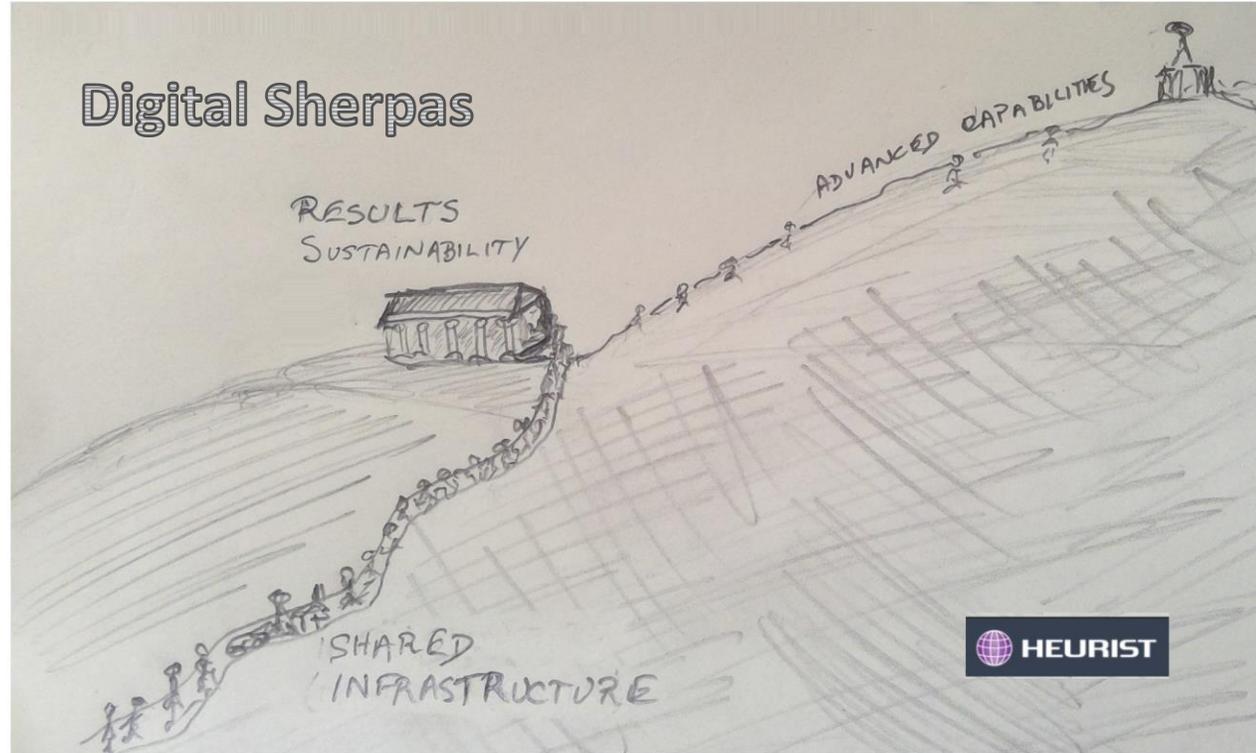


Which way would you like your Digital Humanities?

Solo, adventurous, slow, uncertain...



Shared, rapid, reliable, sustainable



*Solo may get you new places,
but that doesn't mean you have to do it ...*

Spreadsheets

the enemy of structure ...

1	form_record_id	Title of pamphlet	Composer of tune	Notes	Image of pamphlet	Language	Location of printing	Date	Set to tune of ...	Synopsis	Keywords	Method of punish Crime(s)
2	lib_files:38069D7C	A breefe balet tou	Thomas Powell	http://eebo.chad		English	England London fleete:	1557		The abortive uprising c	Thomas Stafford; i	beheading high treason
3	lib_files:E4623230	The lamentation that Ladie Iane made	On the morning of 12 February 1554, th		English	London		1562		Lady Jane Grey (1536/	Lady Jane Grey	beheading high treason
4	lib_files:5FA9024C	Of the endes and			English	London by Iohn Awdeh		1569		Preacher recounts attempts to comfort t	pressing	
5	lib_files:9B177B2A	A ballad intituled, J Elderton, William			English	London : in Fleetstrete		1570	Welladay	The Rising of the	uprising; Rising of	hanging treason
6	lib_files:603E69C7	The downfall of William Grismond: or, A lamentable murder by him committed			English	London by Iohn Awdeh	1663-1665	Where is my love	William Grismond's pregnant girlfriend as	hanging		murder
7	lib_files:BADCD1A	Execution of the P George F. Root (1820-1895)			English	Preston : Harkness, J.	1875	Just before the Battle,	Richard Coates, a	child, murder, han	hanging	rape and murder
8	lib_files:06B2D9FC	Execution of the P William Shakespeare Hays (1837-1907)			English	Preston : Harkness, J.	1875	Driven From Home	Richard Coates, a	child, murder, han	hanging	murder, rape
9	lib_files:BSFB95E9	A Mirror of mans lyfe made by a modest virgine Franisca Chausesia a Nonne of			English	London, Fleetstrete at	1570		Axon reports that Fran auto-da-fe, nun, bi	burning	heresy	heresy
10	lib_files:7BABB03	Luke Huttons lamentati[on: which h]e	For discussion of		English	London for Thomas Mi	1598	Wandering and waveri	Highwayman Luke Hut	highwayman, robb	hanging	robbery
11	lib_files:63F970A5	An admonition to Doctor Story beeing c	John Story, a		English	London, the long Shop	1571		John Story, a priest	treason, papist, mi	hanging, drawing a	high treason
12	lib_files:8895300A	Certayne	From the Holinshed Project, http://ww		English	Norwich in the Paryshe	1570		uprising; Norfolk	hanging, drawing a	high treason	
13	lib_files:37367218	A declaration of the death of Iohn Lewi not in EEBO			English	London, by Richard Ion	1583	Iohn Carelesse (John C	Lewes was an early Ur	heretic, heresy	burning	heresy
14	lib_files:BB17A724	The end and Confession of Iohn Felton	Blessed John		English	London, in Fleetstreete	1570		hanging, quarterin	high treason		
15	lib_files:11398108	A discription of	Richard Norton, his sons, Christopher a		English	London by Alexander L	1570		Stuffed full of animal	uprising; Rising of	hanging, drawing a	treason
16	lib_files:EC82FA50	The Lamentation	Sir Francis		English	London, by Richard Iho	1584	Weepe, weepe (BBB, p not in EEBO	Throckmorton plot; Mary queen of Sc	high treason		
17	lib_files:79F4F385	A letter to Rome,	Blessed John		English	London, by Alexander l	1570	Row Well Ye Mariners: The singer gleefully tra	sarcasm, martyr, j	hanging, quarterin	high treason	

Very long titles
Sometimes two titles
representing multiple ballads

Inconsistent terms or
rendering of long names

Very long text formatted
into separate lines and
paragraphs

Multi-value fields
Inconsistent formatting
Inconsistent terms

This is good quality data originally recorded in a relational database but denormalised to a spreadsheet to allow the researcher to take the data with her.

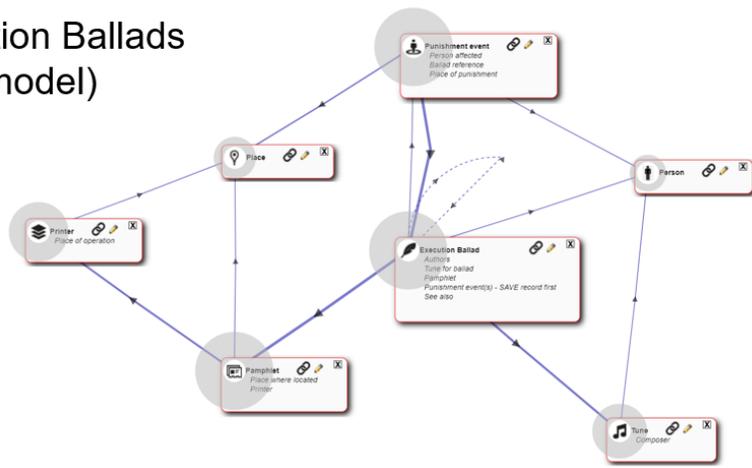
Each row represents a **pamphlet**, with:

one or more **ballads**, one or more **tunes**, one or more **authors**, one or more **composers**, one or more affected **people**, with **punishment** by one or more methods in one or more **places** on one or more dates published by a **publisher** in a **place**

= 10 entities/row

This spreadsheet lead us to create a 'wizard' for the normalisation and import of denormalised tables

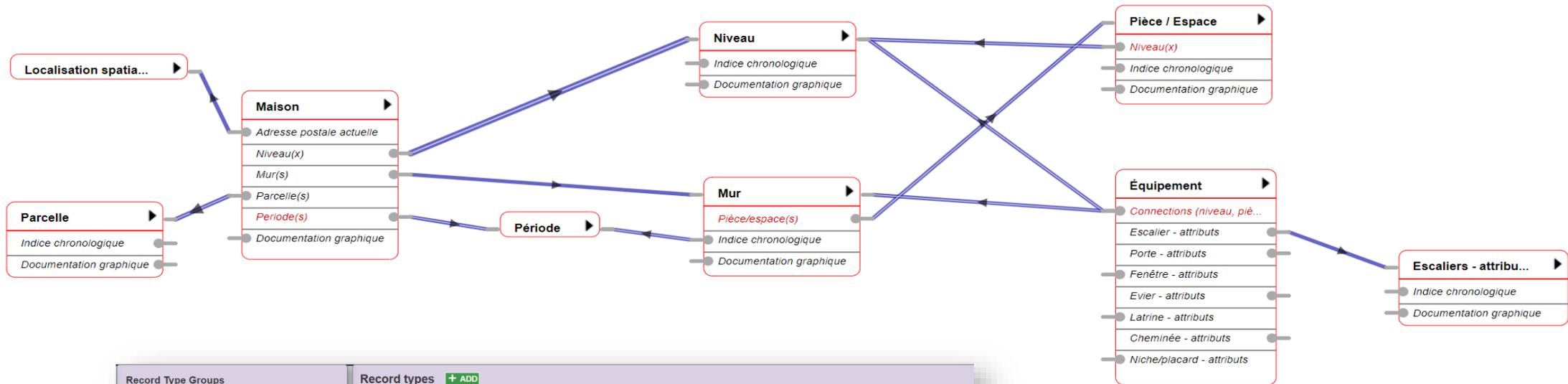
Execution Ballads (data model)



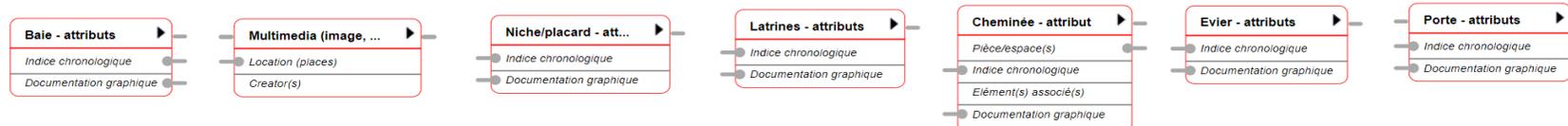
And a nearly worst-case by someone else (the author shall remain nameless ...)

- Inconsistent # of rows per case
- Date range for missing values implied by position
- Inconsistent formatting of text and date values
- Notes appended to values
- Multiple values in one field (subsections for Cast, Crew, Musicians, Chorus etc.)
- Uncontrolled values eg. company and location (with plenty of typos)

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Record Type Groups	Record types + ADD																																																																																										
+ Add Maisons Médiévales record types ✕ > People and organisations Media Documents, interviews Place, features Events and timelines Administrative Bibliography Mapping System Internals Trash	Maisons Médiévales record types <i>Drag the record types you need into this group</i> <table border="1"> <thead> <tr> <th>Icon</th> <th>Fid list</th> <th>Edit</th> <th>Name</th> <th>Description</th> <th>Count</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>Cheminée - attributs</td> <td>Les attributs d#039;une cheminée</td> <td>0</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Escalier - attributs</td> <td>Les attributs d#039;un escalier</td> <td>1</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Evier - attributs</td> <td>Les attributs d#039;un évier</td> <td>0</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Fenêtre - attributs</td> <td>Les attributs d#039;une fenêtre</td> <td>0</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Latrine - attributs</td> <td>Les attributs d#039;une latrine</td> <td>0</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Maison</td> <td>Une maison médiévale</td> <td>1</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Mur</td> <td>Un mur, de maison, de pièce</td> <td>1</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Niche/placard - attributs</td> <td>Les attributs d#039;une niche ou placard</td> <td>0</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Niveau</td> <td>Un niveau dans une maison</td> <td>5</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Parcelle</td> <td>Une parcelle cadastrale ou autrement défini</td> <td>1</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Pièce / Espace</td> <td>Une pièce dans la maison, ou un espace tel patio ou jardin</td> <td>1</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Porte - attributs</td> <td>Les attributs d#039;une porte</td> <td>0</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Période</td> <td>Une période d#039;occupation</td> <td>1</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Élément</td> <td>Un élément tel porte, fenêtre, evier, latrine, escalier, cheminée, niches et placards</td> <td>1</td> </tr> </tbody> </table>	Icon	Fid list	Edit	Name	Description	Count				Cheminée - attributs	Les attributs d#039;une cheminée	0				Escalier - attributs	Les attributs d#039;un escalier	1				Evier - attributs	Les attributs d#039;un évier	0				Fenêtre - attributs	Les attributs d#039;une fenêtre	0				Latrine - attributs	Les attributs d#039;une latrine	0				Maison	Une maison médiévale	1				Mur	Un mur, de maison, de pièce	1				Niche/placard - attributs	Les attributs d#039;une niche ou placard	0				Niveau	Un niveau dans une maison	5				Parcelle	Une parcelle cadastrale ou autrement défini	1				Pièce / Espace	Une pièce dans la maison, ou un espace tel patio ou jardin	1				Porte - attributs	Les attributs d#039;une porte	0				Période	Une période d#039;occupation	1				Élément	Un élément tel porte, fenêtre, evier, latrine, escalier, cheminée, niches et placards	1
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Tables

Search...

- Areas
- ArtefactPotteryManufacturingFaults
- ArtefactPotteryManufacturingFaultsOld
- Bone Anatomy Code
- Bone Butchery Description
- Bone Condition Code
- Bone Epiphyseal Fusion
- Bone Fragmentation Code
- Bone Gnawing
- Bone Handedness Code
- Bone Tooth Wear
- Bone Type Code
- BoneAnatomyErrors
- BoneTypeErrors
- Categories
- ConfigurationTable
- Contexts
- ContextsIdeas
- Country lkp
- Decor lkp
- ExportMain
- Fabric lkp
- Function/shape
- Main**
- Manufacturers
- Paste Errors
- PMGH artefacts
- Portion lkp
- PotteryAttachments
- PotteryCategories
- PotteryDecorationIntExt
- PotteryDecorationPositions
- PotteryDecorations

Site	Cont	Area	ContextName	Description	Comments	Interpretation
11	1	11 A	510 not used			
86	1	250 A	42509 Surface	Concrete slab, served as floor of U...		
87	1	255 D	40529 Clean Up	18		
90	1	267 R	40828			
91	1					
93	1					
95	1					
96	1					
97	1					
11	2					
86	2					
87	2					
90	2					
91	2					
93	2					
95	2					
96	2					
97	2					
11	3					
86	3					
87	3					
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11	5					
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91	5					
93	5					
95	5					
96	5					
97	5					
11	6					
86	6					
87	6					
90	6					
91	6					
93	6					
95	6					

Artefact Composite

Cataloguer/source DB: BM Grid E: Search on selected field 2

19-41 Reservoir Street, Surry Hill Grid N:

Site/Area Edit Box #: Context #: 4286

House: Room: Square: Spit: Trench: Category: Miscellaneous

Catalogue # 2 Type Name: Manufacturer: # Items: 1

Function/shape: wheel,trans/indust, vehicle/mach Product: # Frags: 3

Function/Shape Edit Weight (g): 76

Fabric: rubber Colour: black Rim Diameter:

Portion: partial Marks: Dimension: Circle Dia=109; th

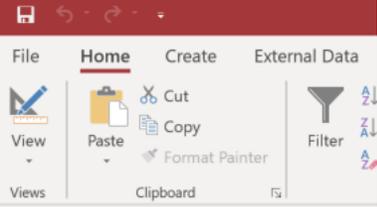
Decoration: Country: Undefined Join:

Pattern Number: Sex association: Re Use: Date - from: Uncertain

Old ID # 2 Age association: Date - to: Conservation Status

Description: Circ vulcanised rubber components of mechanism: poss gears/wheel (pram?). Large flat thin circular washer with 12 small circular holes. Shrivelled circular (wheel?) tread or cover with one convex side, the other grooved; circular thin low profile with central hole & bevelled rim. See 1281/452140

Image File Names:

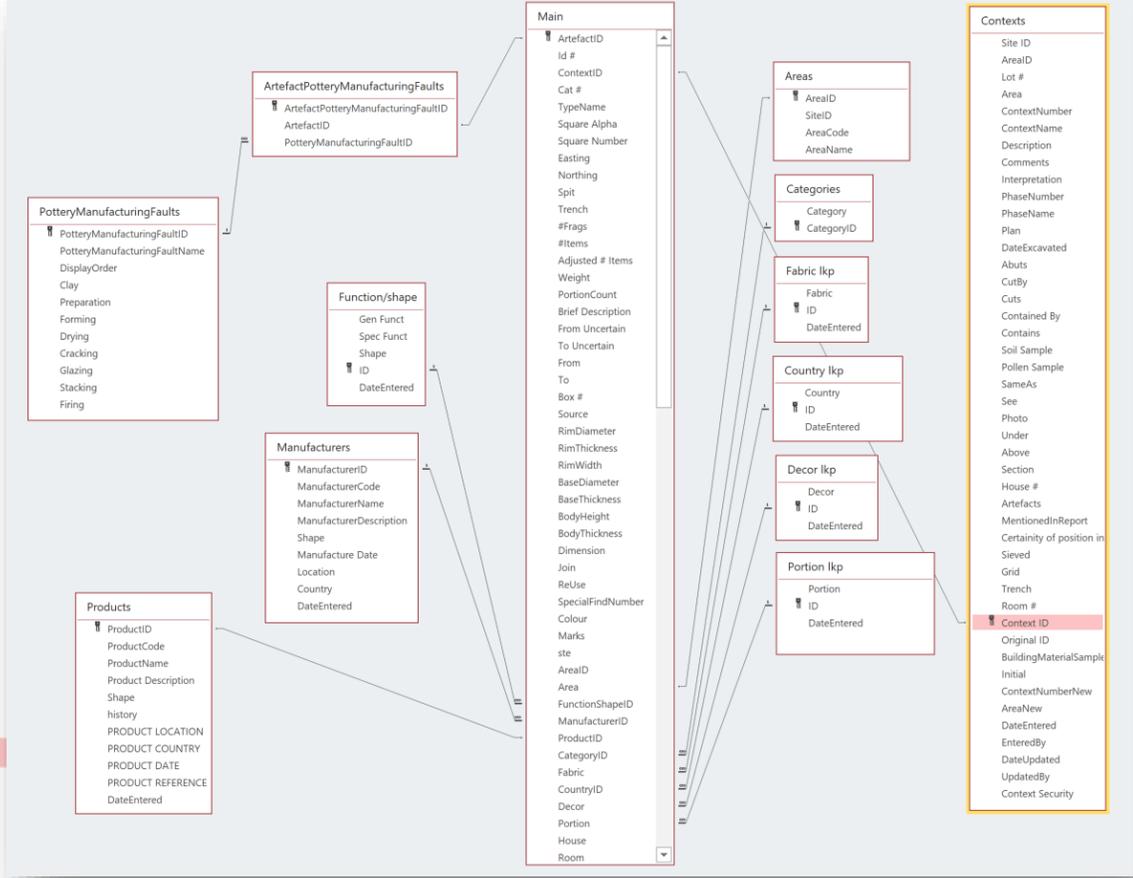


MS Access version

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Heurist version

Design

Modify

- Record Types
- Vocabularies
- Base Fields
- Browse templates
- Visualise

Setup

- My Preferences
- Properties
- External lookups
- Register
- Shortcuts bar

Download

- Structure (XML)
- Structure (Text)

Record Type Groups

+ Add

Sites and artefacts >

Artefacts

Administrative

Spatial and Mapping

System Internals

Trash

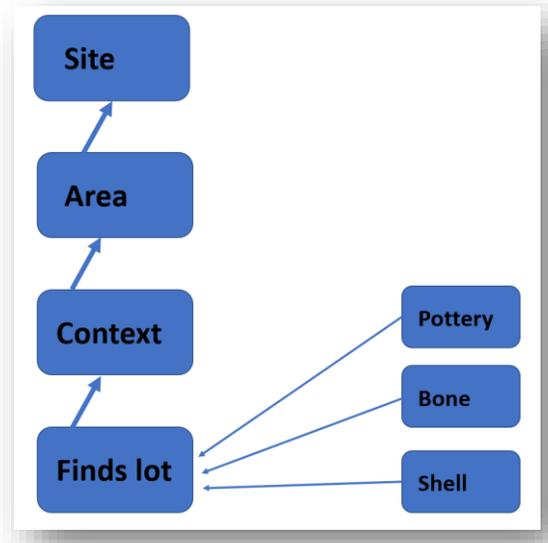
Record types + Add

Show All

Sites and artefacts

Record types associated with artefacts from historical archaeological sites

Icon	Edit	Name	Add	Filter	Count	ConceptID	Show
		Area	+	Q	287	1287-55	<input checked="" type="checkbox"/>
		Context	+	Q	17984	1287-56	<input checked="" type="checkbox"/>
		Find	+	Q	142...	1287-57	<input checked="" type="checkbox"/>
		Phase	+	Q	1	1287-62	<input checked="" type="checkbox"/>
		Place	+	Q	141	3-1009	<input checked="" type="checkbox"/>
		Plan	+	Q	0	1287-63	<input checked="" type="checkbox"/>
		Sample	+	Q	0	1287-61	<input checked="" type="checkbox"/>
		Site	+	Q	102	1287-54	<input checked="" type="checkbox"/>
		Type series	+	Q	0	1300-67	<input checked="" type="checkbox"/>



- Admin
- Design
- Populate
- Explore
- Publish
- New

filter: 109GEO Category-F...

Apply site filter

Category

- Architectural/ Buil... (88)
- Ceramic (1074)
- Glass (320)
- Metal (189)
- Miscellaneous (130)

Fabric materials

select...

Decoration

select...

Shape

- barrel hoop (5)
- basin/bowl (5)
- bit (2)
- black bottle (13)
- blank (1)
- boot (1)
- boot, lace-up (3)
- bottle (288)
- bowl (35)
- brad (3)

109GEO Category-Func-Shape-Fabric-Decoration

Selected Collect Recode Share Reorder

n = 1804 [1 2 3 4 5 6 7 8 ... 37]

2	109 GEO - Area A - 4801 - #26775 - Miscellaneous : button, pers, cloth, aes, face. Bx 1, n=1/1
2	109 GEO - Area A - 4801 - #2
2	109 GEO - Area A - 4801 - #2
2	109 GEO - Area A - 4801 - #2
2	109 GEO - Area A - 4801 - #2
2	109 GEO - Area A - 4801 - #2
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2	109 GEO - Area A - 4801 - #2
2	109 GEO - Area A - 4801 - #2
2	109 GEO - Area A - 4801 - #2
2	109 GEO - Area A - 4801 - #2
2	109 GEO - Area A - 4801 - #3
2	109 GEO - Area A - 4801 - #3
2	109 GEO - Area A - 4801 - #3
2	109 GEO - Area A - 4801 - #3
2	109 GEO - Area A - 4801 - #3
2	109 GEO - Area A - 4801 - #3
2	109 GEO - Area A - 4801 - #3
2	109 GEO - Area A - 4801 - #3
2	109 GEO - Area A - 4801 - #35400 - Ceramic : unid, unid, unid, few, bd. Bx 12, n=1/1
2	109 GEO - Area A - 4801 - #35401 - Ceramic : poe, pers, hygiene, few, handle. Bx 12, n=1/1

- Record
- List View
- Map
- Report
- Export
- Network
- Crosstabs

109 GEO - Area A - 4801 - #26775 - Miscellaneous : button, pers, cloth, aes, face. Bx 1, n=1/1

Type 57: Find ID:109171

Find ID: 108907 109 GEO - Area A - 4801 - #26778 - Miscellaneous : button, pers, cloth, aes, au, face. Bx 1, n=1/1

Modify structure Show help Optional fields Template Bug report

Contextualisation

Category: Miscellaneous

Context: 109 GEO - Area A - 4801 Fill

Catalogue #: 26778

Source cataloguer: Miscellaneous cataloguer

Artefact ID (Access DB): 49396

Box # or identification: 1

Basic description Dating Measurements

Shape: button

General function: pers

Specific function: cloth

Fabric materials: aes, au

Portion: face

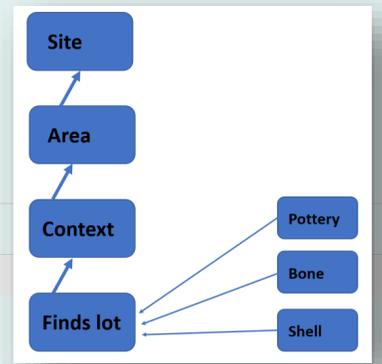
Proportion of portion

Distribution on fragments

of items: 1

Step through filtered subset 4/1804 Save then Dupe New Save Save + Close Close Drop Changes

Context record



Admin

Find

Owner: Ian Johnson

Access: Everyone

Added By: Ian Johnson

Added: 2020-05-19 09:2...

Updated: 2020-12-04 09:2...

Private

not bookmarked (no passwords, rating or notes)

no reminders

Tags

Personal tags

Linked records

NONE

Scratchpad

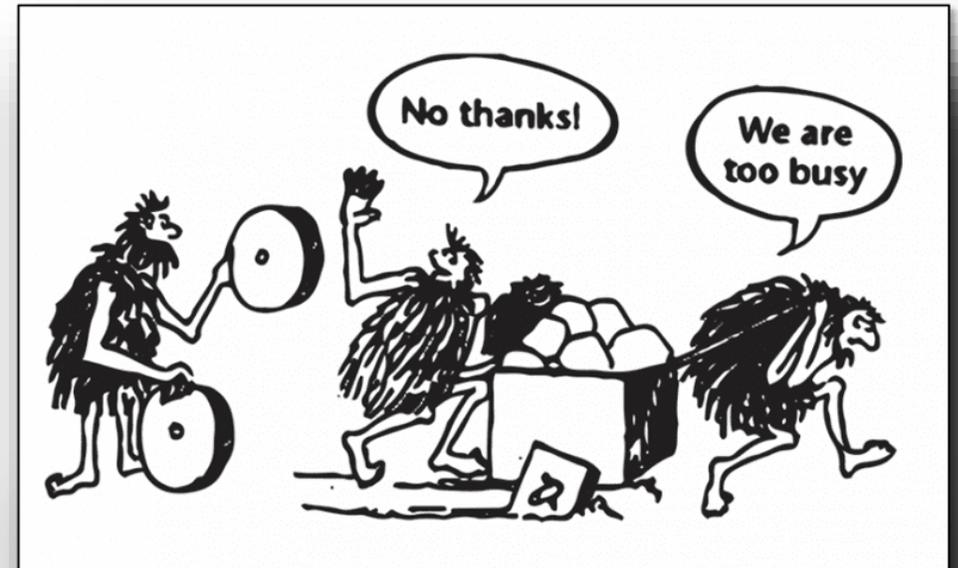
Discussion

Measurements

Dimensions mm Dia=17; Th=3

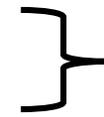
Il faut éviter les systèmes *ad hoc* et sur mesure

- Les tableurs sont (trop) rapides et faciles:
(les résultats immédiats vous fait croire que "ça ne prendra pas longtemps" ...)
- Il nous faut une réflexion importante au delà de l'outil
(il faut réfléchir sur "Total Cost of Ownership")
- Regarder ce qui existe déjà
- Ne-pas réinventer la roue carrée →
- Le soutien d'experts qui connaissent votre domaine protège des pièges ...



Le mot clef: Mutualisation

- Les outils informatiques sur mesure coûtent cher
- Il y a beaucoup de risques
- En dépit de nos différences de:
 - Matériaux
 - Approches
 - Questions
 - Modes de présentation et de publication



et ça dure ...

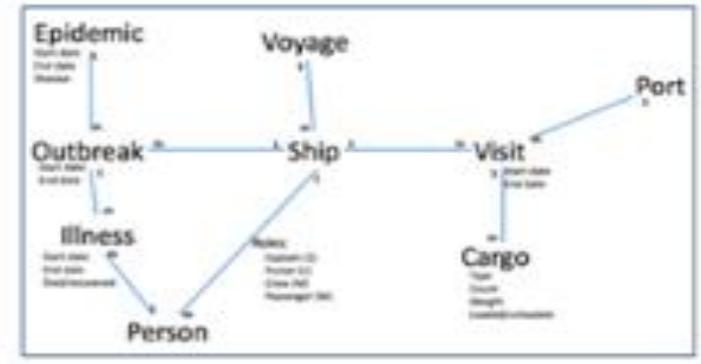
nous avons tous des besoins largement partagés

→ Database patterns



Research Data

MODEL



BUILD

BORROW



Researcher



IMPORT

Archaeology Artifacts			
ID	Name	Location	Category
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
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46
47
48
49
50

- Print
- Export
- Visualisations (map, timeline, network)
- Web Sites
- Statistics

PUBLISH

Share



Colleagues & Students

Bespoke databases ('haute couture')

Classic method: SQL DBMS (or alternative) + custom programming

- Costly (on the project's sole account)
 - Requires technical knowledge → learning orthogonal skills or hiring programmers, or both
 - Risks in (mis)conception (particularly with non-DH aware programmers – lost in translation ...)
 - Delay in setup and establishment of workflows
 - Fixed structures
 - Need to go back to programmers for changes
 - Update delays
 - Depends on specific knowledge of individuals / key personnel
 - The need for a quick and not too expensive result encourages:
 - Shortcuts, for example specific systems which are not generalisable / documented
 - Incomplete system eg. Management by fiddling in the innards = technical dependence, inefficiency and risks
 - Sustainability questions put off until later
 - Multiplication of systems
- (cf. DH 2019 Utrecht – presentations from King's Digital & George Mason CHNM)

Heurist : what is it?

Open Source software on gitHub

SaaS (Software as a Service), free on Huma-Num & University of Sydney
(North America under negotiation, plus local and private services)



Craation and management of relational databases* (*sensu lato*)

No installation, no programming

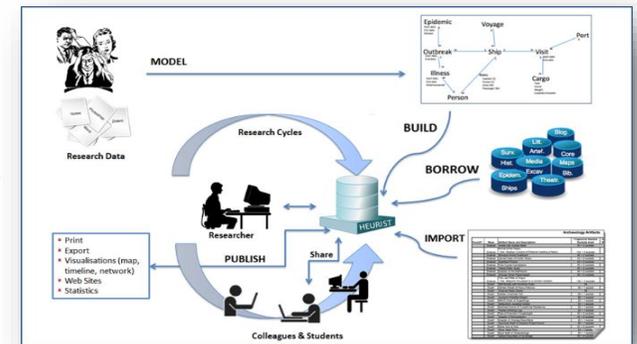
Web browser access, multi-user, differential access through workgroups

Created in parallel with numerous Humanities research projects (Digital Humanities)

Rapid creation (2hrs – 1 week) of ‘finished’ projects and CMS web sites

Iterative structure changes (adaptation of the database as needs evolve)

Easily approachable by any reasonably confident researcher



<http://HeuristNetwork.org>

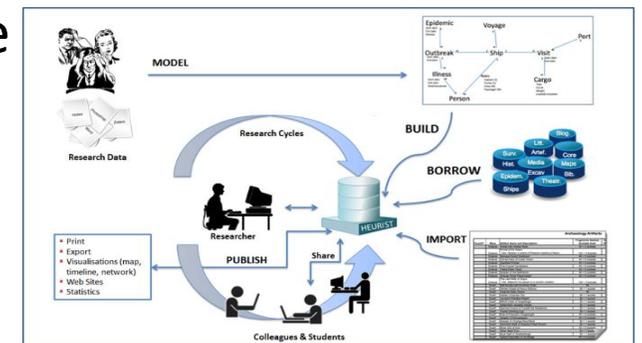
<https://Heurist.Huma-Num.fr>

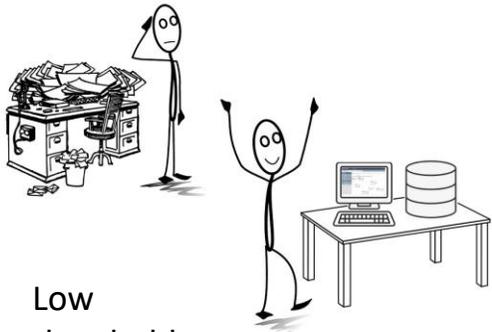
* *Rich in relations between entities*

Why Heurist?

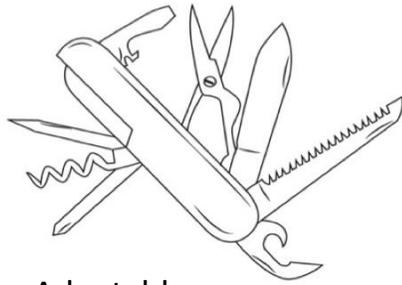
Is it simply for researchers?

- **DH specialists** *(generally overloaded or have own research)*
 - Rapid delivery of complete applications
 - Stability, backup, long-term maintenance
 - Little work to maintain infrastructure (handled centrally)
 - Possibility of contributing or requesting new functions (OpenSource)
 - Pass on most responsibility for the application to researchers
- **Projects / researchers / students** *(need an easy, non-technical, domain-friendly solution)*
 - Can fiddle with an existing database structure, or build their own
 - Presents the interface in terms comprehensible to Humanities researchers
 - No installation, no programming, long-term maintenance

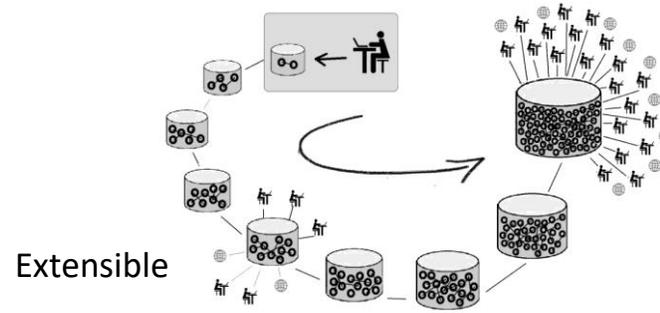




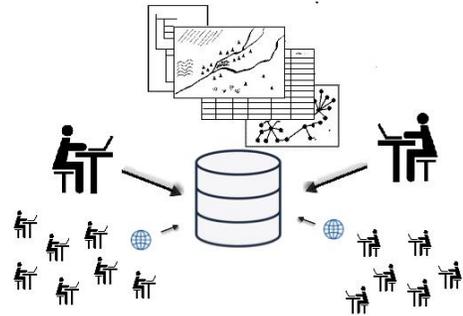
Low threshold



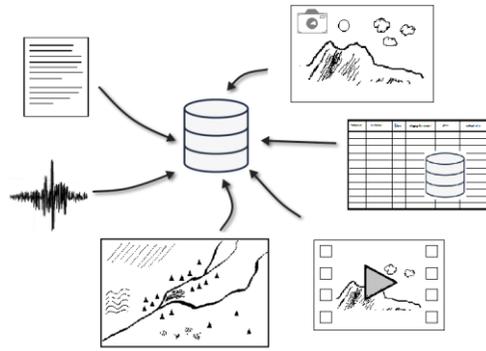
Adaptable



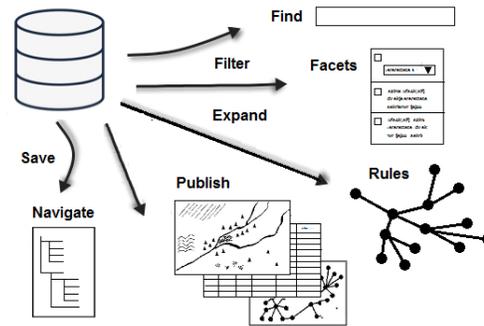
Extensible



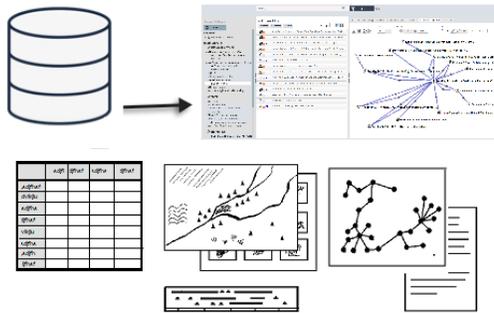
Collaboration



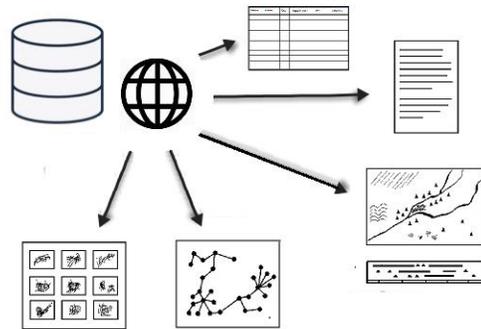
Import existing data



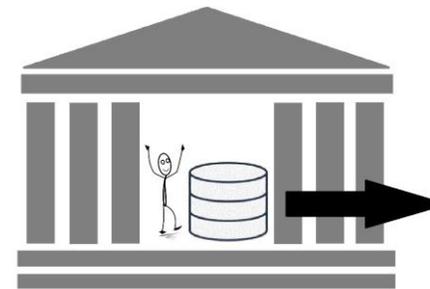
Sophisticated queries



Analysis and visualisation



Export / easy publication



Support and sustainability

There is no such thing as "Heurist Lite"

All functions available from the moment a database is created

(depending on workgroup and level of access given by the database creator)

Antecedents

Diverses ... 1980 – 1990

Lab manager ANU → Postdoc UQ → Programmer Arkansas Arch. Survey → Public servant NSW National Parks & Wildlife

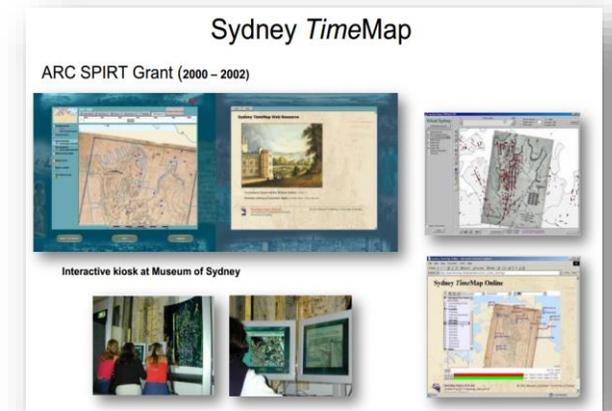
- **Minark 1980 – 1990** (CP/M, Algol68 → Turbo Pascal → Delphi)
Single file, indexed access, flexible data attributes, dropdown and multivalue fields, variable length text, iterative structure modification, user-defined filters, output and simple analysis

Archaeological Computing Laboratory/Digital Innovation Unit/Arts eResearch 1990 – 2015

Professional Officer 0.5 USyd → Research Fellow/ Lab Director USyd → Hon. Associate USyd

- **TimeMap (1997 – ~2003)**
- **ECAI* Clearinghouse 1998 - ~2003** (Interbase, Perl, Java applet)
Collaborative metadata service, online editing, search for datasets, spatial and temporal filters, interactive maps, web publication
- SHSSERI Sydney Humanities and Social Sciences eResearch Initiative 2003 – 2005
- **Heurist 2005 - ...** (MySQL, PHP, JS)

First TimeMap interface (1997)



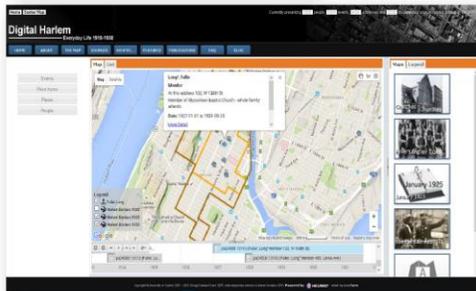
* ECAI - Electronic Cultural Atlas Initiative, Berkeley

Digital Harlem (Bespoke: 2004 Heurist: 2013)



Version 1
 >9,000 lines bespoke application
 MySQL DB (34 tables)/ PHP / Google maps Vsn 2 / fixed width

One-off structure and codebase; even small changes and keeping the application running (eg. discontinuation of support for GMaps Vsn 2) require 're-excitation' and relearning of the code. Database and interface modifications complex and require a programmer.



Version 2
 <1,000 lines of
 MySQL DB (42
 Public interface

Shares code and
 databases, cen
 ongoing support
 structure and p
 through a web

Digital Harlem

Everyday Life 1915-1930

- HOME
- ABOUT
- THE MAP
- SOURCES
- SEARCH Events
- SEARCH Places
- SELECT A Person
- TIMELINE
- PUBLICATIONS
- FAQ
- 1920s HARLEM
- BLOG

digital_harlem, Heurist V5.2.13 01 Oct 2020 @ 22:26

Thomas Monroe

Background Data:

- unknown race, Male, from USA
- 59 years of age on 1925-08-06
- Night Manager in Garage on 1925-08-06
- 59 years of age on 1925-08-06
- Night Manager in Garage on 1925-08-06

Known Addresses:

- Alleged offender at **163, W 132nd St** on 1925-08-06 numbers arrest address
- Resident at **167, W 134th St** on 1916-08-06 to 1925-08-06 Home address

Documentary Sources:

- (#13294) 6 Aug 1925 : Joseph Snell against Thomas Monroe 13294, [1925-08-06], DA's Case File D161243

Involved in events:

- **Thomas Monroe arrested for policy (Numbers Arrest)**
- Date: 1925-08-06 05:15 Time: Day (Morning)
- Location: **163, W 132nd St**

Zoom to: Harlem

- Current query
- Secondary locations
- Residence of participants
- Bromley Real Est
- Black Harlem 192
- Numbers Arrests
- Secondary locations
- Residence of participants

Time filter on

	1915	1920	1925	1930	1935	1940
Numbers Arrests		<ul style="list-style-type: none"> • John Taglione arrested for possession of policy material [Numbers Arrest, id 10112] • Julian Thompson arrested for policy [Numbers Arrest, id 7579] 			<ul style="list-style-type: none"> • Police Raid on Headquarters of Numbers Banker John Diamond [Nu • Thomas Horton and Edward Drake arrested for policy [Numbers Arr • William Tobin arrests Robert Dupree [Numbers Arrest, id 8292] 	

Maps Legend

- CHURCHES
- SPORTS
- NUMBERS ARRESTS
- JANUARY 1925
- NIGHTLIFE

License: Creative Commons (CC BY-NC-SA 4.0) Design Damian Evans 2007, redeveloped Ian Johnson & Artem Osmakov 2015. Powered by HEURIST

Digital Harlem – map construction

The screenshot shows the HEURIST digital_harlem interface. At the top, there is a navigation bar with the HEURIST logo and the text "digital_harlem". Below this is a search bar with the filter criteria: ("c": "10", "f": "1": "Fuller", "f": "18": "Long"). A "Filter" button and an "Add Record" button are visible. On the left side, there is a sidebar with navigation options: "Database Summary", "Rule Sets", "PERSONAL", "My Filters (private)", "WORKGROUPS", "Database Managers", "Tests", "Issues to resolve", "Digital Harlem 1915 - 1930", "Year of the Riot 1935", and "Faceted search". The main content area is titled "Fuller Long with locations" and shows a list of 17 records. The records are as follows:

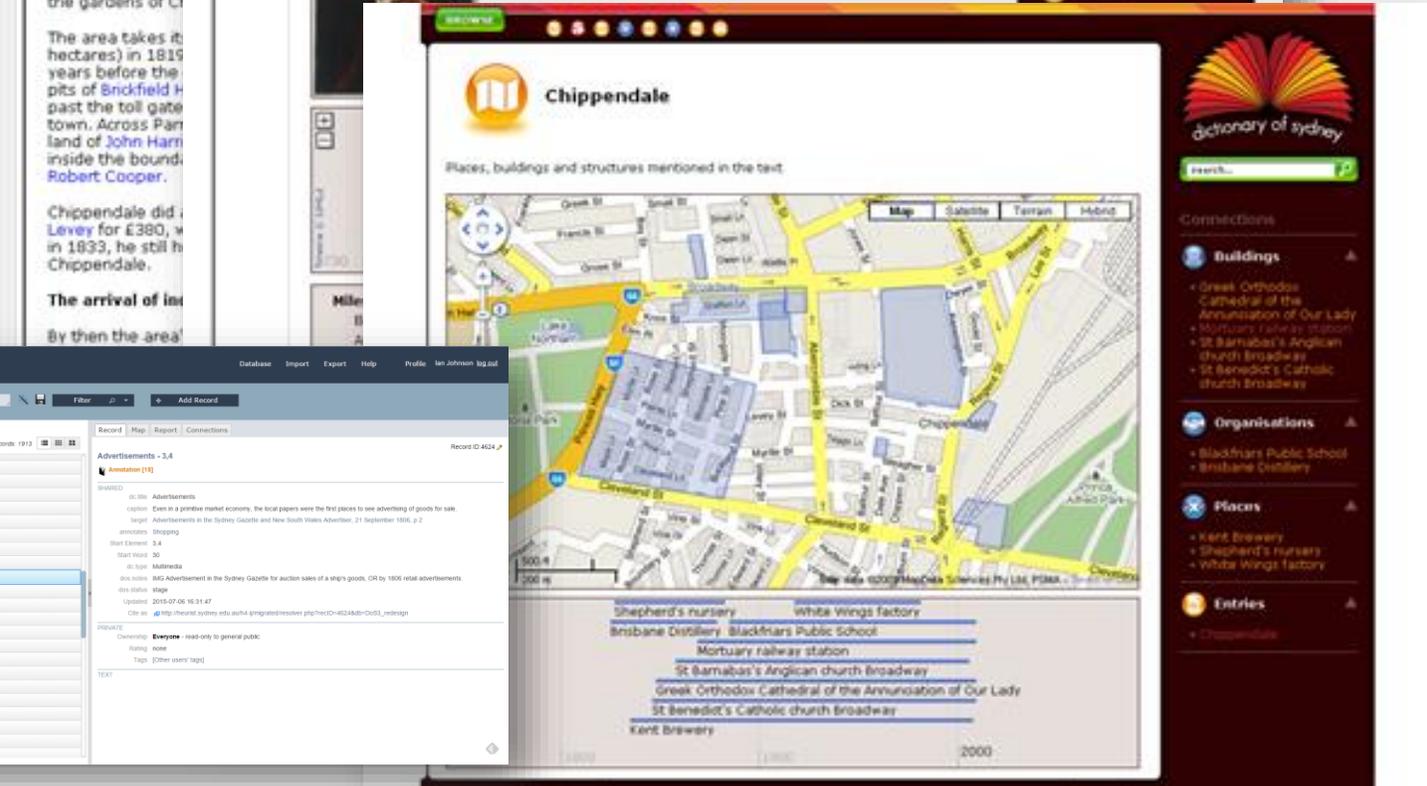
Selected	Collected	Shared	Records: 17
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Long*, Fuller
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	126, W 140th St
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	130, W 17th St
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	132, W 138th St
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	155, W 132nd St
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	160, W 146th St
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2351-2359, 7th Ave
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	242, W 29th St
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	46, W 132nd St
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	48, W 132nd St
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	485, Lenox Ave
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	52, W 132nd St
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	55, W 132nd St
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	785, Westchester Avenue, Bronx
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fuller Long* has sexual intercourse with Ruby [redacted]*, aged 15 years
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	224, W 140th St
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2351-2359, 7th Ave

The screenshot shows the Digital Harlem website interface. At the top, there is a navigation bar with the text "Digital Harlem" and "Everyday Life 1915-1930". Below this is a navigation menu with options: HOME, ABOUT, THE MAP, SOURCES, HOW TO..., FEATURED, PUBLICATIONS, FAQ, and BLOG. The main content area is titled "Map" and shows a map of Harlem with a legend and a list of records. The legend includes: Fuller Long, Harlem Borders 1920, Harlem Borders 1925, and Harlem Borders 1930. A pop-up window shows details for "Long*, Fuller" with the address "132, W 138th St" and the date "1927-01-01 to 1931-09-25". On the right side, there is a sidebar with a "Maps" section and a "Legend" section. The "Maps" section includes: Churches, Churches, Fuller Longler Long, January 1925, January 1925, Numbers Arrests, and Numbers Arrests. The "Legend" section includes: Churches, Churches, Fuller Longler Long, January 1925, January 1925, Numbers Arrests, and Numbers Arrests. At the bottom, there is a timeline showing the years 1924, 1925, 1926, 1927, 1928, 1929, 1930, and 1931. The footer contains the text: "Copyright © University of Sydney 2007 - 2015. Design Damien Evans 2007, redesigned Ian Johnson & Artem Ostalov 2015. Powered by HEURIST. Admin log in: here."

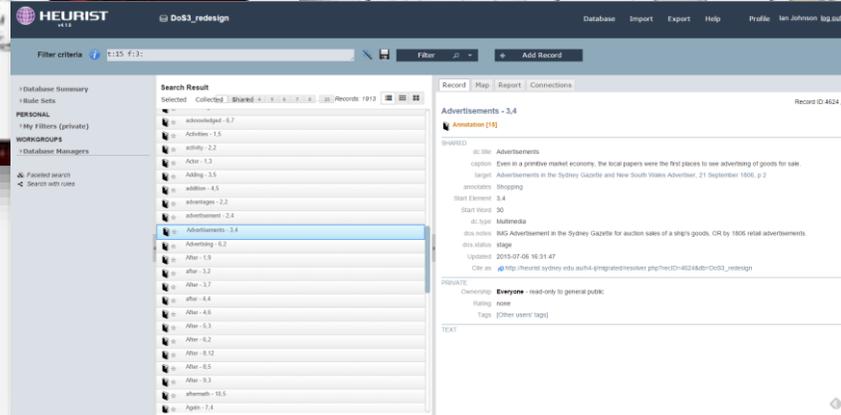
[web link](#)

Dictionary of Sydney

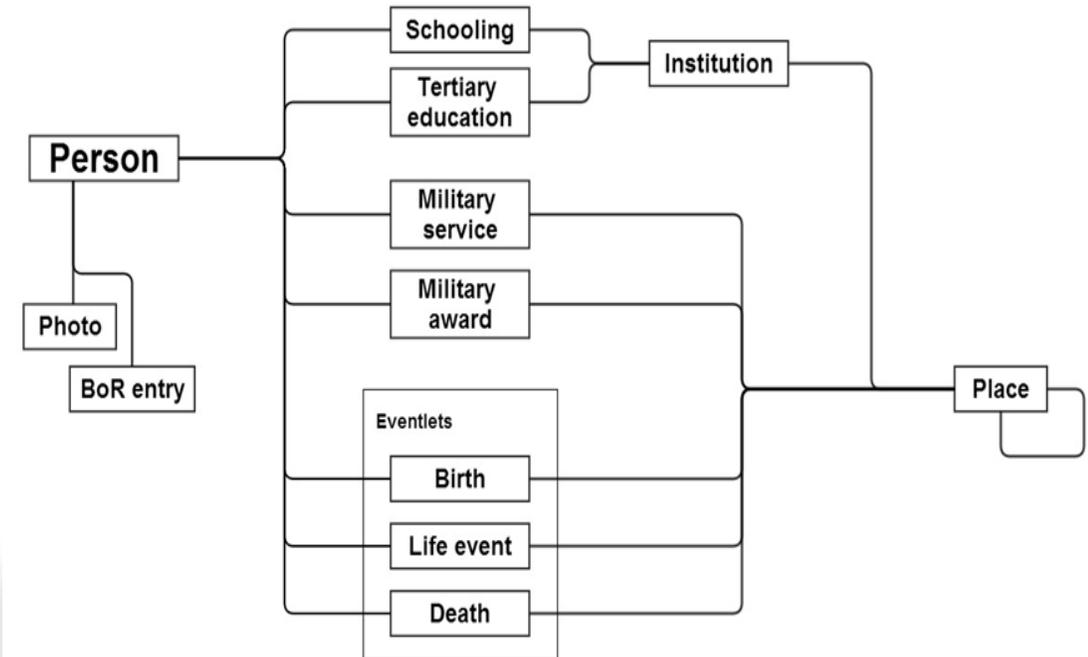
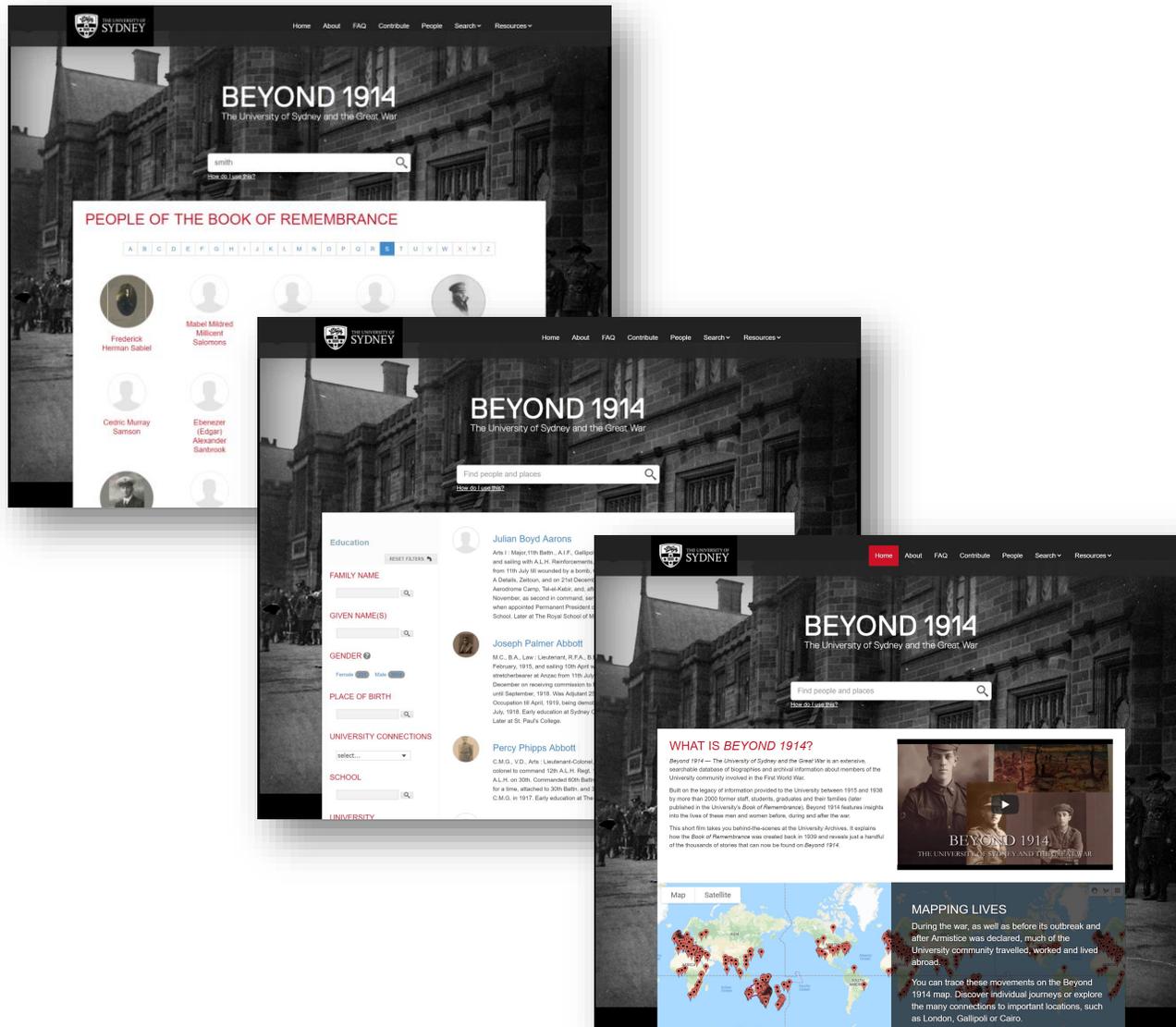
Born digital in / with Heurist (2006-2009),
published from 2009



- Relationships
- factoids
- annotations [website](#)

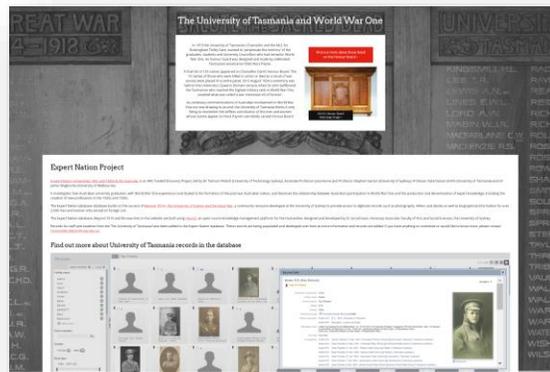
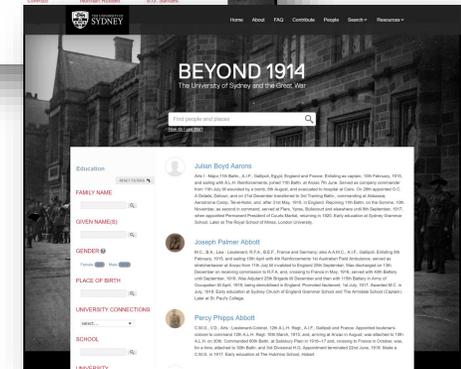
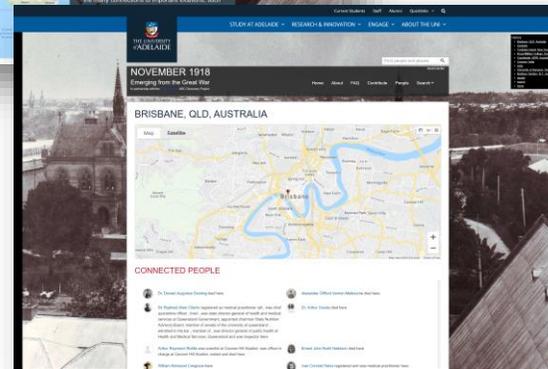


Beyond 1914 (University of Sydney 2013)



Expert Nation

Beyond 1914 (University of Sydney)
November 1918 (University of Adelaide)
World War I (University of Tasmania)
Beyond 1939 (University of Sydney)



Solutions:

- Infrastructure partagé
 - Systèmes polyvalentes
 - Systèmes Open Source
- ✓
- Contribution à l'amélioration de l'infrastructure
 - Contributions techniques (bug fixing, nouveaux modules)
 - Soutien financier (infrastructure, maintien, développement)
 - Eviter d'investir dans du sur-mesure non-généralisable (en dehors de graphism)
- 

A unique solution to the data management needs of Humanities researchers.



HEURIST's research-driven data management system puts the user in charge, allowing them to **design, create, manage, analyse and publish** their own richly-structured database(s) within hours, through a simple web interface, without the need for programmers or consultants.



Use the free service at Sydney University (or others listed on this site) to build a new database in minutes and a complete application in hours. Design and build incrementally; existing data are not affected. Nor are you locked in; migrate later to a personal or institutional server, access data directly via SQL, or export to portable and internally-documented archive packages. Heurist is free and Open Source.



Whatever your field of study – History, Archaeology, Anthropology, Cultural Research, Linguistics, Media Studies etc. – Heurist handles everything from text, tags and categories, through networks of rich relationships and offset annotations, to images, video, spatial data and dating (including non-western systems and dating uncertainty).

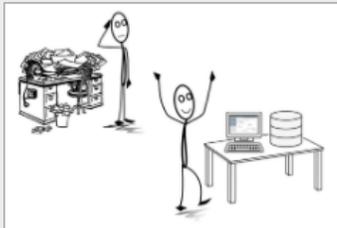


Get results: Sophisticated searches (including faceted and rule-based filters) can be saved, organised and rendered as layered interactive maps, timelines, network visualisations, cross-tabulations, lists, custom reports, XML and XSLT transforms, all of which can easily be embedded live in a website created in Heurist's internal CMS, or in a personal or institutional website.

*Designed **by** researchers, **for** researchers, Heurist reduces complex underlying decisions to simple, logical choices.*



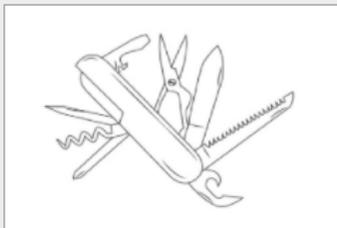
GET STARTED - Create a free, fully-functional, online database in less than 5 mins ▶



Low Threshold

Heurist's intuitive web-based interface is uniquely tailored to the data needs of Humanities scholars, rather than to business or scientific data. The ability to import, and then adapt, a library of useful structures (templates) developed by the Heurist Team and other users is both a great time-saver and a powerful force for standardisation without compulsion. Annotated forms make it easy to build your data structure, add and edit data, analyse the data and publish. Any confident researcher should be able to build a fully-functional database in minutes, and develop a complex database tailored to their needs in hours or days, all without programming.

more...



Adaptable

Heurist's set of powerful, robust and adaptable features extends its application to a wide range of scenarios and provides scope for multiple applicabilities. From a single system, Heurist users have the tools and flexibility to create a wide-range of solutions, only restricted by their imagination.

more...

<http://HeuristNetwork.org>

Depuis 2005

Open Source
Gratuit

Services gratuit (Australie, Huma-Num)
Soutien gratuit (dans la mesure du possible)
Modèle économique "Robin des Bois":

Lots of info and training materials on this site

Project web site:

<http://heuristnetwork.org>

Test dataset:

<http://tinyurl.com/y6uchstm>

Forum:

<https://groupes.renater.fr/sympa/info/heurist-utilisateurs>

Learning materials (French)

<https://programminghistorian.org/fr/lecons/introduction-a-heurist>

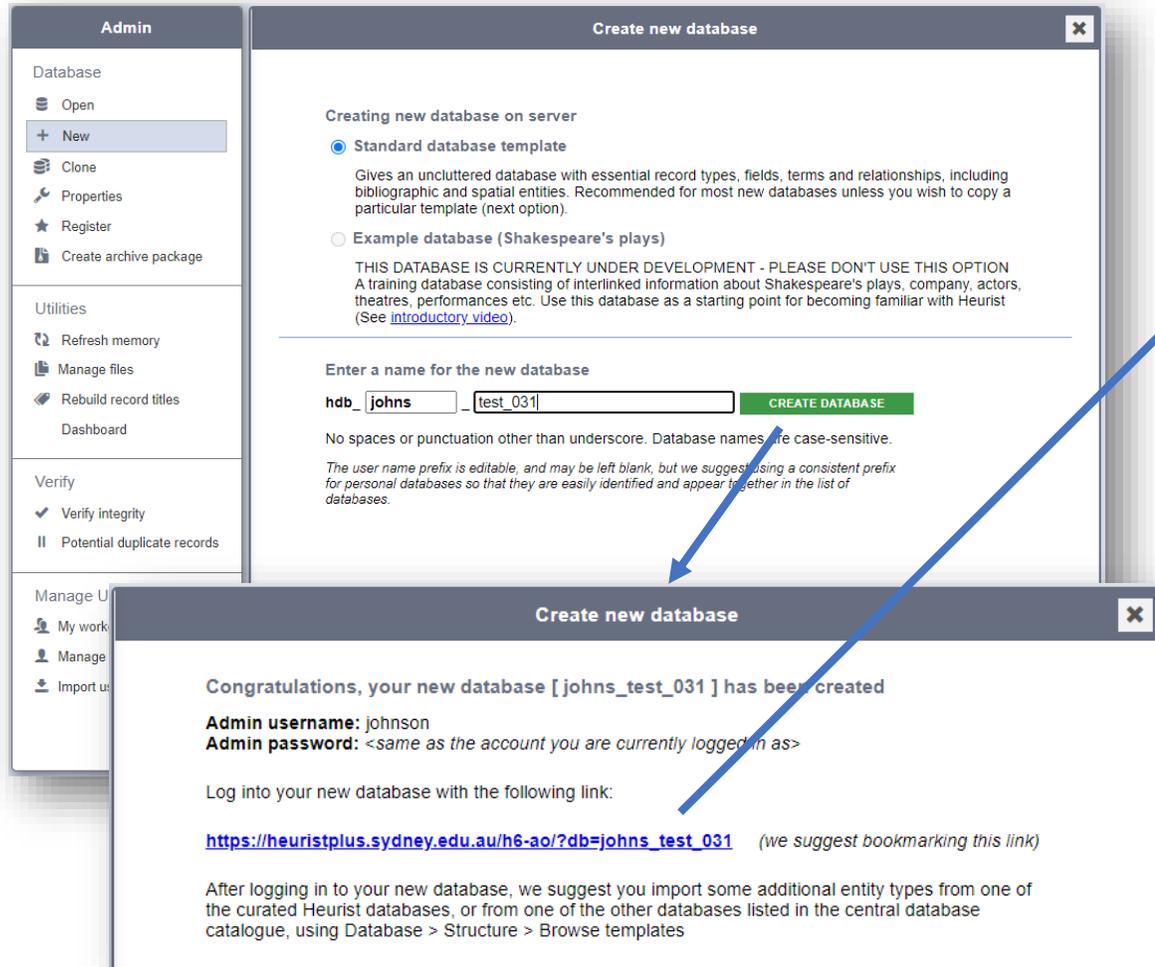
<https://uncoded.gitlab.io/BDD/>

Source code:

<https://github.com/HeuristNetwork/heurist/>

Creation of a database in 1 minute

complete functionality + useful base model



Predefined components

Entity types ~20

Person
Organisation
Place
Life event
Media
Notes
Email
Website
Relationships
CMS site, pages
Spatial (7 types)

Fields

~150

Vocabularies/terms

~40 / 1000s
(countries, semantic web, ...)

Entity types, Base fields, Vocabularies/Terms

Version 6 preview

The image displays a complex software interface for managing data models, organized into several overlapping panels:

- Record Types Panel:** Features a 'Record Type Groups' sidebar with 'Basic record types' selected. The main area shows 'Basic record types' with a search bar and a 'Sort by Name' dropdown.
- Base Fields Panel:** Shows 'Base Fields Groups' with 'People' selected. It includes a search bar and a table of fields for the 'People' group.
- Vocabularies Panel:** Displays 'Vocabulary Groups' with 'Semantic web' selected. It lists various vocabularies such as BIBO, BIO, DDCI-TERMS, etc.
- Terms Panel:** Shows a list of terms from the 'BIBO' ontology, including 'abstract', 'AcademicArticle', 'affirmedBy', etc. A detailed view for 'AudioDocument' is shown, including its description, standard code, and URI.
- Design Panel (Left):** A vertical sidebar with options like 'Record Types Editor', 'Browse templates', 'Visualise', 'Vocabularies Editor', 'Base Fields Editor', and download options for XML and Text structures.

ID	Edit	Name	Type	Description
15		Author or Creator	resour	The person or organisation who created the record (a...

Vocabulary Name
BIBO
BIO
DCMI-TERMS
DCMI-TYPE
DOAP
FOAF
MUSIC
RDF
SKOS

Term	Description
abstract	A summary of the resource.
AcademicArticle	
affirmedBy	A legal decision that affirms a ruling.
annotates	Critical or explanatory note for a Document.
argued	The date on which a legal case is argued before a court. Date is of format xsd:date
Article	A written composition in prose, usually nonfiction, on a specific topic, forming an indep...
asin	asin
AudioDocument	An audio document; aka record.
AudioVisualDocument	An audio-visual document; film, video, and so forth.
authorList	An ordered list of authors. Normally, this list is seen as a priority list that order authors ...
Bill	Draft legislation presented for discussion to a legal body.
Book	A written or printed work of fiction or nonfiction, usually on sheets of paper fastened or...
BookSection	A section of a book.
Brief	A written argument submitted to a court.

Publication and download of models

- Registration → model available to other databases
- Individual selection of entity types
- Automatic import of connected entity types, fields, vocabularies & terms
- Major time-saver
- Encourages good practice and standardization by path of least resistance ...

The screenshot shows a web interface with a dark purple header and a light purple sidebar. The main content area is divided into three sections:

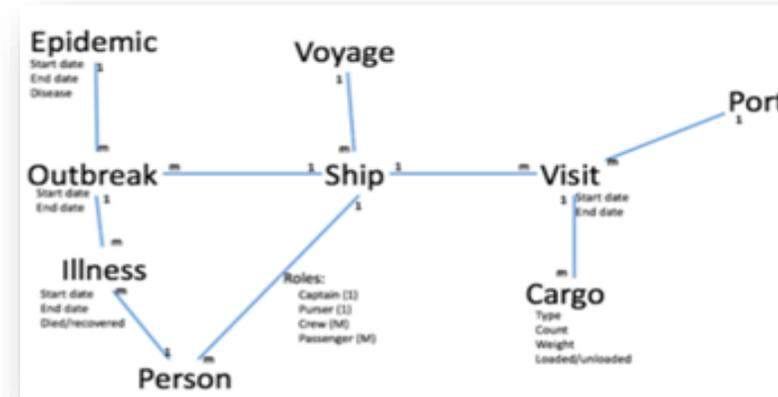
- Design:** A sidebar on the left containing several options: Record Types Editor, Browse templates (highlighted), Visualise, Vocabularies Editor, Base Fields Editor, Download (Structure (XML) and Structure (Text)), and Refresh memory.
- Import structural definitions into current database:** The main content area, titled "Entities available in 101:Heurist_ShakespeareGeneric". It includes a search bar with "All Find" and "Show All" buttons, and a "Back to Databases" button. Below this, there are three expandable sections:
 - 1 Basic record types:** "Common generic record types which will be useful in many databases"
 - 4 System Internals:** "Record types used by the Heurist system for specific workflows and functions"
 - 9 Play specific:** "Record types specific to the plays". This section contains a list of 12 items, each with a right-pointing arrow, a down arrow, and a text label followed by "...": Character, Character Affiliation, Company, Historic Event, Mythological Element, Performance, Play, Role, Season / Run, Venue, and Version.
- Current entities in database:** A list of entities grouped into categories:
 - Book of Remembrance:** Digital media item, Place, Educational institution, Person, Resource, Web Content, Front page, Associated Person, Organisation.
 - Events and Instances:** Eventlet, Tertiary study, Military service, Schooling, Military award, Death, Occupation eventlet, Scholarship awards, Professional Association Memr.
 - Basic record types:** Blog post, Notes, Web site / page.
 - Spatial and Mapping:** Mappable query, Map image file (non-tiled), Shapefile, KML, Map image file (tiled), Heurist Map Layer, Heurist Map Document.
 - Bibliography 1:** (partially visible)

Modeling

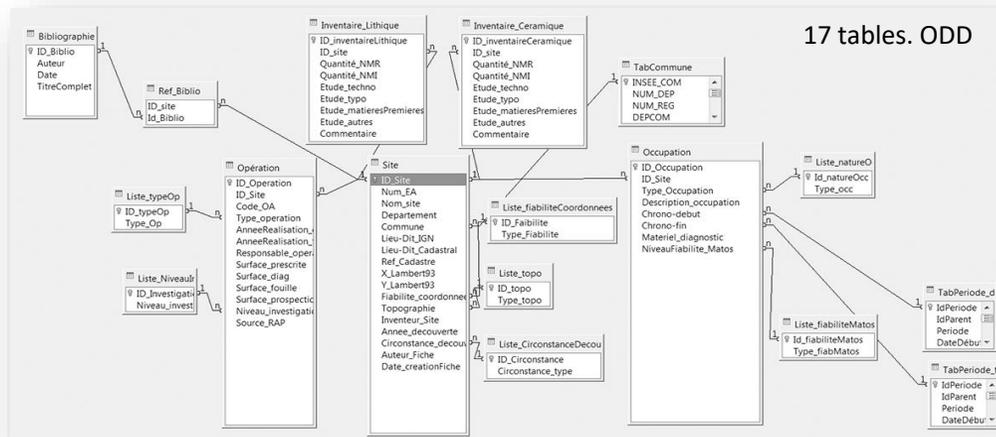
reduction to essential entities (physical and conceptual)

Voyages between USA and Mexico

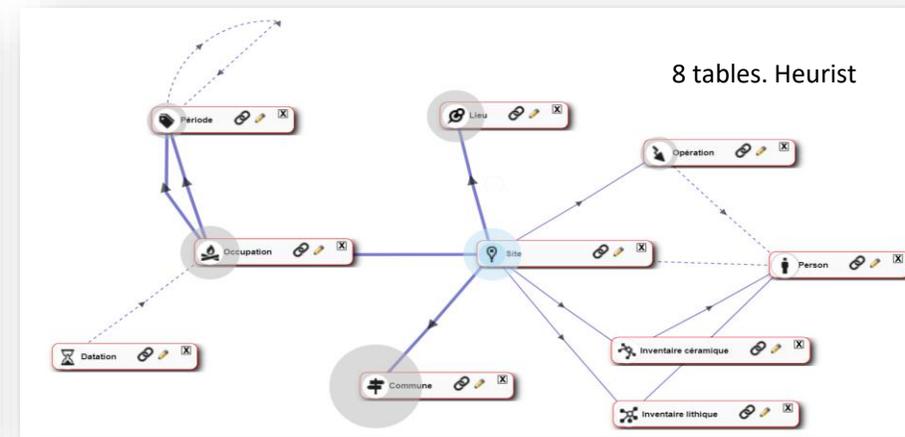
- voyages
- ships
- captain
- crew members
- passengers
- ports of call
- epidemics
- cargo items
- events
- account / log
- log entry / day
- log page transcript / scan
- ...



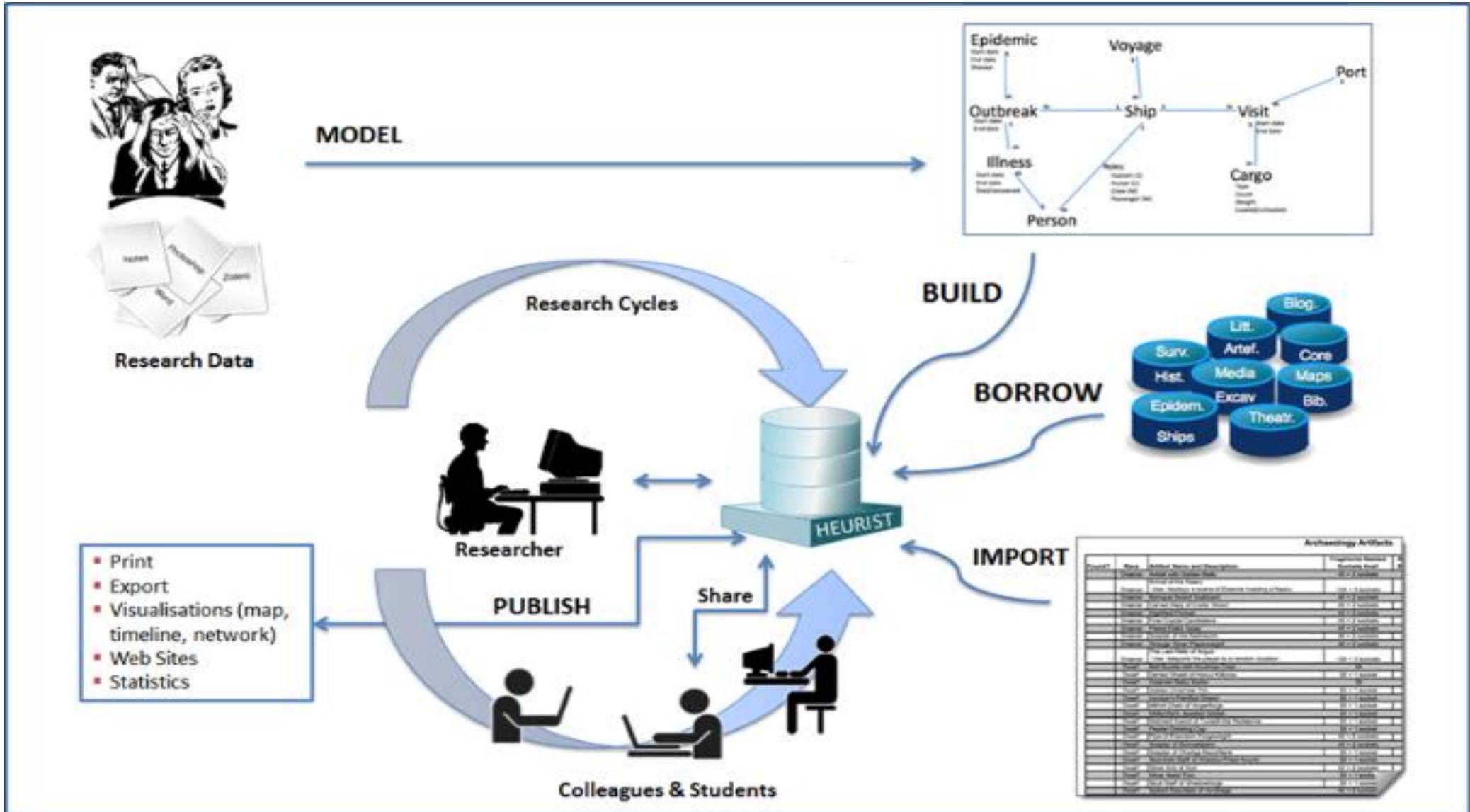
Neolithic sites



(2 days structure + data import)



Pragmatic, iterative



Data entry forms – auto-generated

Find ID: 109172 109 GEO - Area A - - #26776 - Miscellaneous : button, pers, cloth, aes, half. Bx 1, 1/1

Modify structure Show help Optional fields Attributes Edit title mask Template Bug report

Contextualisation

Category Miscellaneous

Context 109 GEO - Area A - 4801 Fill

Catalogue # 26776

Source cataloguer Miscellaneous cataloguer

Artefact ID (Access DB) 49394

Box # or identification 1

Basic description Dating Measurements

Shape button

General function pers

Specific function cloth

Fabric materials aes

Portion half

Proportion of portion

Distribution on fragments

of items 1

of frags 1

Adjusted number of items 1

Step through filtered subset 2/1804 Save then Dupe New Save Save + Close Close Drop Changes

Immediate *in situ* modification on live database
Change order, headings, tabs and field parameters

Find ID: 109172 109 GEO - Area A - - #26776 - Miscellaneous : button, pers, cloth, aes, half. Bx 1, 1/1

Drag to reposition Select or to modify Close Show help Attributes Edit title mask Template Bug report

CONTEXTUALISATION

Category Miscellaneous

Area as text (hidden)

Area ID (Access DB) (hidden)

Context 109 GEO - Area A - 4801 Fill

Catalogue # 26776

Source cataloguer Miscellaneous cataloguer

Context ID (Access DB) (hidden)

Artefact ID (Access DB) (hidden)

Box # or identification

BASIC DESCRIPTION

Shape button

General function pers

Specific function cloth

Fabric materials aes

Portion half

Proportion of portion

Distribution on fragments

of items

of frags

Adjusted number of items

Portion count

Weight (gm)

Conservation status

Trench

Square alpha

Square number

Easting

Adjusting

In situ addition and modification of fields

Find ID: 109172 109 GEO - Area A - - #26776 - Miscellaneous : button, pers, cloth, aes, half. Bx 1, 1/1

Drag to reposition
Select or to modify

Close Show help

Attributes Edit title mask Template Bug report

CONTEXTUALISATION

Category

Area as text (hidden)

Area ID (Access DB) (hidden)

Context

Catalogue #

Source cataloguer

Context ID (Access DB) (hidden)

Artefact ID (Access DB)

Box # or identification

BASIC DESCRIPTION

Shape

General function

Specific function

Fabric materials

Portion

Proportion of portion

Distribution on fragments

of items

of frags

Adjusted number of items

Portion count

Weight (gm)

Conservation status

Trench

Square alpha

Square number

Easting

Contextualisation

Category Miscellaneous

Area as text

Area ID (Access DB) 91

Context 109 GEO - Area A - 4801 Fill

Catalogue #

Source cataloguer Miscellaneous cataloguer

Context ID (Access DB) 4801

Artefact ID (Access DB) 48394

Box # or identification 1

Basic description Dating Measurements

Shape button

General function pers

Specific function cloth

Fabric materials aes

Portion half

Proportion of portion

Close Show help

Attributes Edit title mask Template Bug report

Area as text

Area ID (Access DB) 91

show explanations

Field label: Area ID (Access DB)

Help text: Originally Site_lkp_ID . Long integer 4

Data type: Numeric

Requirement: hidden

Repeatability: single

Field width: 10

Default Value: Increment value by 1

ADDITIONAL

Edit base field definitions ID: 1033 Close

Context 109 GEO - Area A - 4801 Fill

Catalogue # 26776

Source cataloguer Miscellaneous cataloguer

Field types

- Text (single line)
- Memo (multi-line)
- Numeric
- Date/time (incl. fuzzy)
- Terms (enumerated, hierarchichal)
- File (uploaded or ou URL, file or streaming)
- Record pointer (foreign key), child pointer
- Relationship marker

Cardinality

Requirement:

- required
- recommended
- optional
- hidden

Repeatability:

- single
- repeatable
- limited

Default value

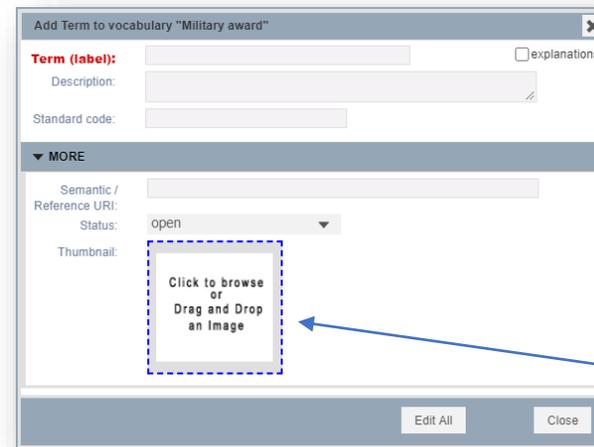
Default Value:

- 1914-15 Star
- 1st Class Order of St. Sava, Serbia A.F.C.
- Afghanistan Medal with clasps

Terms (dropdown lists)



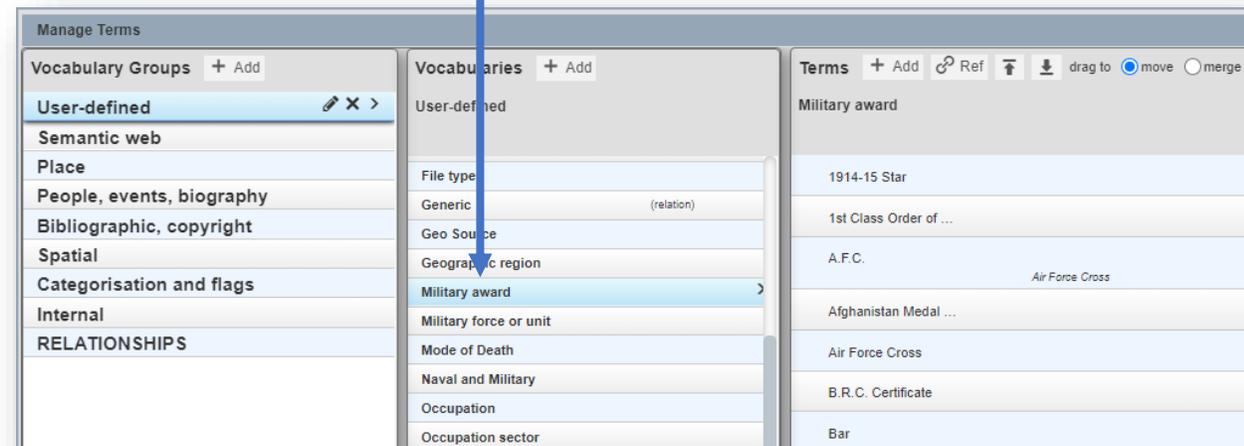
- Drawn from supplied or user-defined vocabularies
- Term, External code, Description, Image, Semantic URI
- All of these can be edited without affecting data (data stored as internal codes)
- Terms can be referenced by several vocabularies
- Vocabularies can be hierarchical
- Searches on a term can automatically include all subsidiary terms



Rapid addition of terms during data entry

even images!

Vocabularies editor (popup)



Geographic data field

- Geometries
(point, polyline, polygon, rectangle, circle)
- Digitisation
(during data entry)
- Import formats
 - X,Y (lat/long, UTM)
 - WKT
 - KML files
 - Shapefiles



Site ID: 3 CSR: CSR Site Pymont, Pymont

Modify structure Show help Optional fields Attributes Edit title mask Template Bug report

IDENTIFICATION

Site name CSR Site Pymont

Site code (abbreviation) CSR

Suburb Pymont

Street address

Mappable location (geospatial) Polygon

Thumbnail picture csr site.J

DESCRIPTION

Start date of excavation 1996

End date of excavation

Excavators select

Short summary

There are hidden

Heurist map digitizer

Allow multiple objects

Set style

Add Geometry

Get Geometry

Clear all

Cancel

Remember view

Save

Add markers by selecting a drawing tool on the left

Specific coordinates can be entered using Add Geometry

Leaflet | Tiles © Esri — Source: Esri, DeLorme, NAVTEQ, USGS, Intermap, IPC, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, 2012

Record Pointers (Foreign keys)

EDUCATION

Early education +

- child ▶ Fry W.B. : Turramurra College
- child ▶ Fry W.B. : Sydney Church of England Grammar School
- ▶ select child : Schooling

Schooling, primary and secondary

Tertiary education +

- child ▶ Fry W.B. : M.B., 1924, University of Sydney
- child ▶ Fry W.B. : Ch.M., 1927, University of Sydney
- ▶ select child : Tertiary study, Scholarship awards

The degrees, other tertiary qualifications or courses taken by the person

Select / add

Record pointer selection/creation

Record pointer: select or create a linked record

+ Add Educational institution

or select in list below

Find [sydney] in Educational institution

bookmarked recently selected modified

n = 9

- North Sydney High School, North Sydney, NSW, Australia
- St Paul's College, University of Sydney [Australia]
- Sydney Boys High School
- Sydney Church of England Grammar School, North Sydney, NSW, Australia
- Sydney Grammar School
- Sydney Grammar School, Darlinghurst, Sydney, Australia
- Sydney High School, Surry Hills, NSW, Australia
- Sydney Teacher's College, Camperdown, NSW, Australia
- University of Sydney, Camperdown, NSW, Australia

Close

edit

Child record (option)

Child record of ▶ Fry, W.B. (Walter Bruce) - 1 Jun 1976

Educational institution > ▶ University of Sydney, Camperdown, NSW, Australia

Degree / qualification / courses M.B.

Was the degree completed? Yes

Date awarded 1924

Year of study

Sources ▶ University of Sydney Archives

Can target multiple types in a single field, for example:

Author → Person or Institution

Reference → Article, Chapter, Book, Thesis, ...

Order is maintained (drag-and-drop changes)

Relationship Markers

Bruno of Cologne (Bruno I)

Medieval Person ID: 99 Bruno of Cologne (Bruno I)

Modify structure Show help Optional fields Attributes Edit title mask Template Bug report

Medieval Person Bruno of Cologne (Bruno I)

Roles(s) Add Relationship

Gender Male

role bishop

Date

Start date 0925

End date 0965

activity Add Relationship

association Add Relationship

source of information ask scholars 1 [html](#)

Record pointer (unconstrained) select record

Related Person(s)

- relative of Otto I
- master of Willigis, archbishop of Mainz

Referenced by

- colleague of Éracle, bishop of Liège
- master of Israel the Grammarian

Short summary

Known as Bruno the Great, or Bruno I, to distinguish him from St. Bruno of Cologne (q.v.) Brother of Otto the Great, archchaplain and imperial chancellor (ca. 939-953) and Archbishop of Cologne (953-965) was an active figure as a teacher at both court and cathedral school. He was a key figure in educational changes at the cathedral schools. Wikipedia: Bruno the Great or Bruno I, (May 925 – 11 October 965) was Archbishop of Cologne.[1] from 953 until his death and Duke of Lotharingia from 954. He was the brother of Otto I, king of Germany and later Holy Roman Emperor.[1]

Bruno was the youngest son of Henry the Fowler and his second wife Matilda. While he was still a child, it was decided that he should pursue an ecclesiastical career. In the early 940s he was educated in Trier by the leading scholar, Israel the Grammarian [2] In 951, Otto appointed Bruno as his archchaplain. The combined positions of archbishop and duke — or archduke, as his biographer Rudiger called him — made Bruno the most powerful man after Otto not just in Germany but also beyond its borders. After the deaths of Louis IV of West Francia in 954 and Hugh the Great, his most powerful feudatory, in 956, Bruno, as brother-in-law to both of them and maternal uncle to their heirs Lothar, the new king, and Hugh Capet, acted as regent of west Francia. From 962 onwards, Bruno was also appointed as Otto's regent in Germany while Otto was absent in Italy.[1] Among others, Rathenius and Liudprand of Cremona spent time at the court. Many of the next generation of German ecclesiastical leaders were educated at Bruno's court, like Everacius of Liège, Gerard bishop of Toul, Willkid, bishop of Verdun, and Theoderic, bishop of Metz. Their records can be added later?

[html](#)

Step through filtered subset 10/255 Save then Dupe New Save Save + Close Close Drop Changes

Related Person(s) +

- relative of Otto I
- master of Willigis, archbishop of Mainz**

Referenced by

- colleague of Éracle, bishop of Liège
- master of Israel the Grammarian

Willigis, archbishop of Mainz

Related Person(s) +

- master of Burchard, bishop of Worms
- colleague of Gerbert of Aurillac (Pope Sylvester II)
- colleague of Adalbero, Archbishop of Reims
- arch-chaplain at/for Otto III
- arch-chaplain at/for Otto II
- arch-chaplain at/for Henry II

Referenced by

- colleague of Heribert, bishop of Cologne: 0999 - 1002
- student of Bruno of Cologne (Bruno I)**

Contain no actual data

- Shows relationships integrated in the data entry form
- Indicates where a relationship might/must exist
- Constrains the allowable relationship and target entity types

Saved searches

- The filters used to create any search result can be saved within a workgroup folder and subfolders thereof
- Facet searches and rulesets can be created directly with a wizard and saved in the tree

Saved Filters
right-click in list for menu

- ▶ **My Filters** (private)
- ▶ **Database owners** (workgroup)
- ▲ **USyd** (workgroup)
 - Educational resources (for website)
 - General resources (for website)
 - Home page monthly story
 - Web content (USyd)
- ▶ **Other**
 - Persons Colleges USyd+degree
 - + Occupations acc. expanded to Place
- ▲ **Harvesting** (workgroup)
 - + USyd Beyond 1914 Persons+rules
- ▲ **UniMelb** (workgroup)
 - Survived, 0 or 1 occupations
 - + UniMelb People + expansion
 - Melb Uni 'No Occupations'
- ▶ **Adelaide Uni** (workgroup)
- ▶ **UQ** (workgroup)
- ▶ **UTas** (workgroup)
- ▶ **UWA** (workgroup)
- ▲ **Beyond 1914 website** (workgroup)
 - People
 - Occupations
 - Military service
 - Education
- ▲ **Expert Nation website** (workgroup)
 - Discover - all people
 - Discover - survivors
 - Discover - died
 - temporary
- ▲ **UAdelaide website** (workgroup)

Saved filters by workgroups

Recent changes
All (date order)
test
Example artefact lot
Finds

- ▲ **Database Managers** (workgroup)
 - ▲ **CREATE SITE SUBSET**
 - Select site --> Finds
 - Expand Site to Areas
 - Expand Sites to Contexts
 - Expand Site to Finds
 - ▲ **FILTERS FOR REPORTS**
 - 109GEO Category-Func-Shape-Fabric-Deco
 - 3PS sorted by cat# Category-Func-Shape-Fa
 - 109GEO Category-Function-Shape
 - 109GEO Spatial location
 - 109GEO Type
 - 109GEO Manufacturers
 - 109GEO Ceramic Pattern
 - 109GEO Fabric
 - 109GEO Phase
 - ▲ **TEMPLATE FILTERS**
 - Finds for a specific site
 - Finds by Site / Area / Phase / Context
 - Finds Category-Func-Shape-Fabric-Decorati
 - Finds Category-Func-Shape-Fabric-Decorati
 - Finds Category-Function-Shape
 - Finds Spatial location
 - Finds Type
 - Finds Manufacturers
 - Finds Ceramic Pattern
 - Finds Fabric

Filter by entity

Favorites

Place	141
Product	377
Plan	0
Phase	1
Sample	0
Manufacturer	389
Find	142442
Context	17984
Area	287
Site	102

By Usage

Find	142442
Context	17984
Manufacturer	389
Product	377
Area	287
Place	141
Site	102
+ CMS Menu Entry	38
Phase	1
+ Pottery information	1
+ CMS_Home	1

Facet searches

The image displays a series of screenshots from a web application interface, illustrating the process of performing facet searches. The interface is divided into several sections:

- Left Sidebar:** Contains a 'Saved filters by workgroups' section with a list of filters like 'Recent changes', 'All (date order)', and 'test'. Below this is a 'Database Managers' section with a 'CREATE SITE SUBSET' workflow and a 'FILTERS FOR REPORTS' section listing various filters like '109GEO Cat', '3PS sorted by', etc.
- Top Center:** Two green 'Add to Cart' buttons.
- Define Faceted Search Dialog:** A central dialog box with a search field, a 'Faceted search name' field, and a 'Define Faceted Search' section. This section includes a 'Select fields that act as facet' list with checkboxes for fields like 'RecTitle', 'Modified', 'Category', 'Source cataloguer', etc.
- Facet Search Results:** A section titled 'filter: Sites from finds' showing a dropdown menu for 'Manufacturer' with a list of manufacturers such as '(Henry) Pritchard & (W...', 'A. T. & Co., unid silvers...', 'A. J. Parkes', 'A. M. Cooke, London', 'A. W. Faber; Faber Cas...', 'Advanx Tyre Company', 'Aire & Caldén Glass B...', 'Aire & Calder', and 'Alexander Coghil'. Below this is a 'Manufacturer' facet dropdown menu with a list of countries: 'Asia', 'Australia', 'Belgium', 'Canada', 'England', 'France', 'Germany', 'global', 'Ireland', and 'Netherlands'.
- Search Results Page:** A section titled 'Sites from finds' showing a list of search results. Each result includes a 'Manufacturer' facet dropdown, a 'Shape' facet dropdown, and a list of search results. A 'Manufacturer' facet dropdown is open, showing a list of manufacturers like 'action figure (2)', 'Ammunition (1)', 'battery (1)', 'bed (1)', 'billy can (1)', 'bottle (38)', 'Bottle beer (2)', 'Bottle, ginger beer (2)', 'Bottle, torpedo (7)', 'brick (9)', and 'Ma bush (2)'. The total number of results is 'n = 46'.

Pretty much replaces form-based searches

Ideal method for publishing web sites as it guides the user through what is in the database

Mapping / timeline

The screenshot displays the HEURIST v5.1.7 interface for the 'atacama_SIHMA' project, hosted by The University of Sydney. The interface is divided into several sections:

- Navigation:** Database, Structure, Verify, Import, Website, Management, Admin, FAIMS, Help.
- User/Settings:** Open dashboard, Settings, Ian Johnson.
- Filters:** Saved Filters (My Filters, Database Managers, Recent changes, Tipo de entidades). Filtered Result: n = 198.
- Map:** World map showing red location markers. A 'Map document' dropdown is set to 'Select...'. A 'Time filter on' slider is visible at the bottom of the map area.
- Timeline:** A horizontal timeline from 1850 to 2100. The 'Current query' is selected, showing a list of mines and their associated minerals.

Timeline Data (Current query):

Year	Location	Minerals
1850	Animas (Chañaral, Chile)	cobre
1850	Chañarcillo (Chile)	
1850	Pulacayo (Bolivia)	
1850	Tres Puntas (Chile)	
1850	Cachinal de la Sierra (Taltal, Chile)	plata, oro, Zinc
1850	El Tofo (Chile)	Fierro
1850	Caracoles (Chile)	
1850	Collahuasi (Tarapacá, Chile)	cobre
1850	Chuquicamata (Antofagasta, Chile)	cobre, mo, ybdeno
1850	Renabie mine (Ontario, Canada)	oro
1850	María Elena (Chile)	
1850	Pedro de Valdivia (Chile)	Oficina salitrera : nitratos
1850	(1959) El Salvador (1959, Chile)	Mina : cobre

Network map and GEPHI

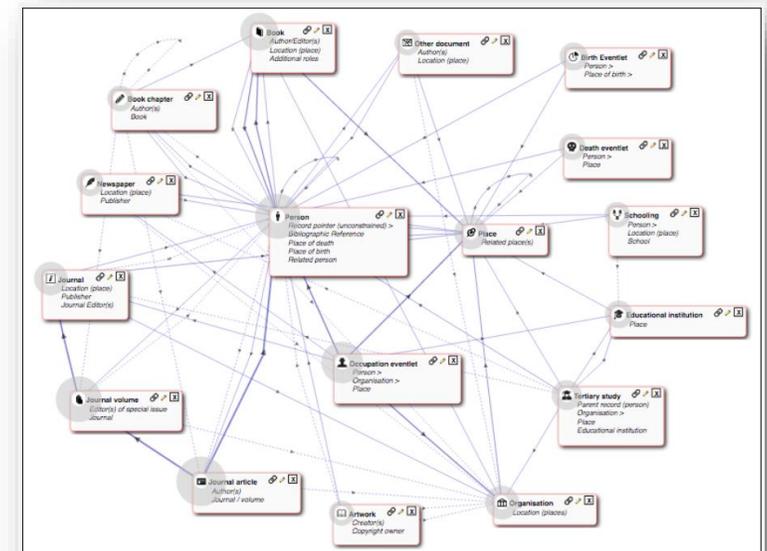
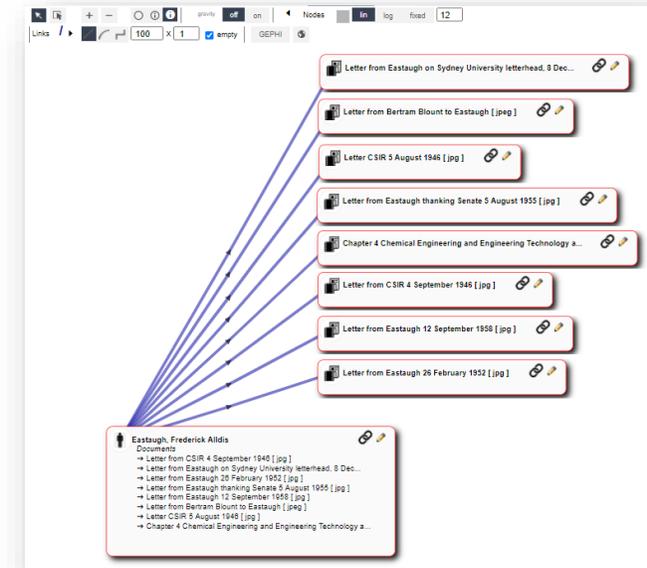
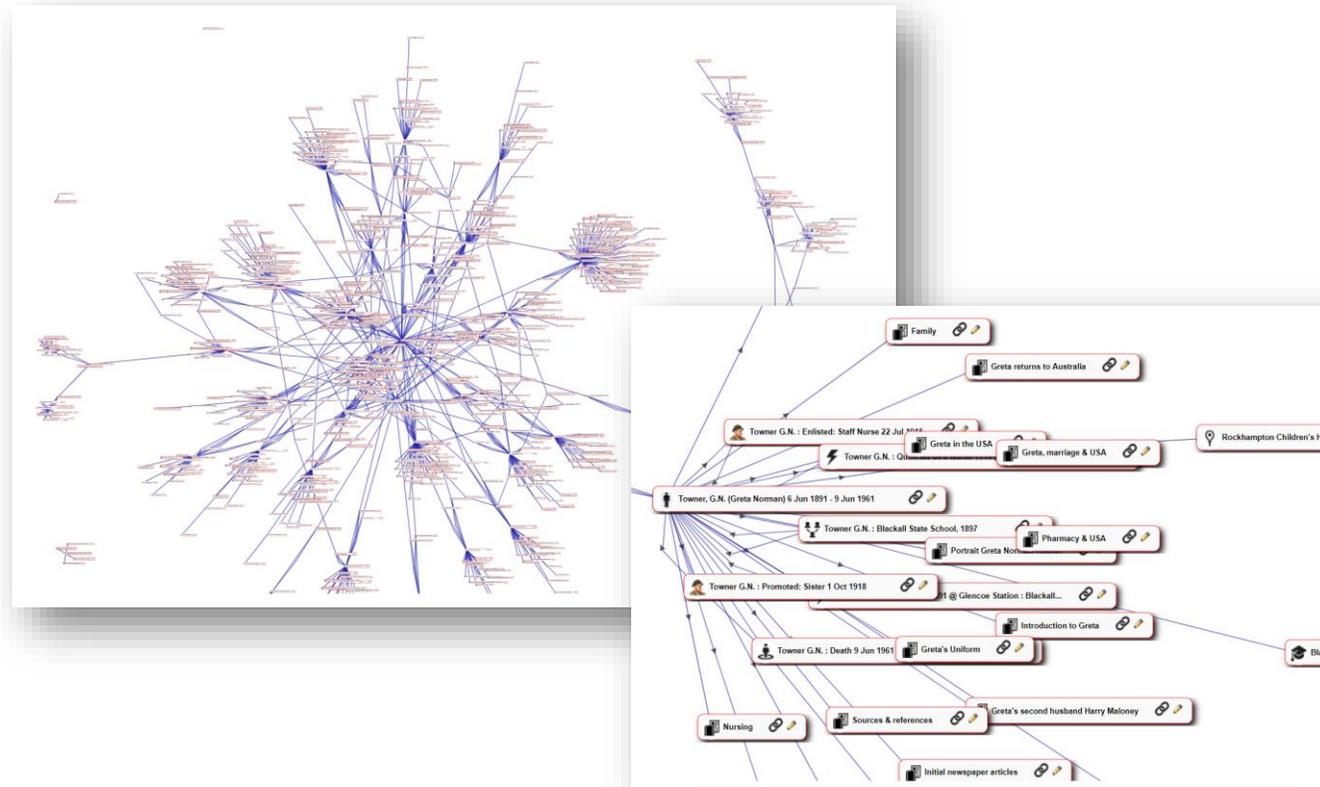


Fig 1. Structure of the Mapping Island Lives database

Results can be instantly exported to a GEFX file for analysis and rendering in GEPHI (the go-to Open Source network mapping tool)

Crosstabulation

simple tables up to 3 dimensions

Filtered Result Set subset

n = 6234 2 3 4 5 6 7 8 .. 125

Selected Collect Recode Share Reorder

Save Filter

Asher, J.H. (John Henry) 1 Sep 1890 - 2 Sep 1917

Askham, Albert Charles

Aspinall, Andrew Eric

Aspinall, Archibald John

Aspinall, Arthur Martel

Aspinall, W.R. (William Robert) 1893 - 20 Jul 1917

Atkinson, William Leslie

Audet, Lewis

Arousseau, Marcel

Record View List View Map-Timeline Map new Custom Reports Export Network Diagram **Crosstabs**

Show fields for Person
Note: choice of record type determines the list of fields available but does not filter the results - the analysis is based on all records in the result set

Var 1 (rows) Survived

Var 2 (columns) Gender

Var3 (pages)

Rows Columns Pages

Values Counts Sum Average

Show Values Row % Column % Totals

blank for zero values show blank rows/columns

Name settings to save for future use Save

Update results

Database name: **ExpertNation**
Date and time: Mon Oct 05 2020 12:36:07 GMT+0200 (Central European Summer Time)
Type of analysis: Crosstab
Record count: 6234
Query string: db=ExpertNation&w=a&q=%7B%22t%22%3A%2210%22%7D
Type of value displayed: **Counts**

		GENDER					
SURVIVED		Female		Male		TOTALS	
Died during war		0	0%	712	100%	712	11.42%
Survived		316	5.72%	5206	94.28%	5522	88.58%
TOTALS		316		5918		6234	

Row and column totals

Percentages

Export formats

CSV, XML, (Geo)JSON, KML, GEPHI, custom

Publish

Website

- Edit
- Create
- View
- Standalone web page

Export

- CSV**
- XML
- JSON
- GeoJSON
- KML
- GEPHI

Export records to comma or tab separated text files

Records scope: Current result set (count=47)

Select fields to export:

- Person
- ID (integer)
- RecTitle (Constructed text)
- Modified (Date)
- URL (freetext)
- Tags (freetext)
- University connections (Terms list)
- Family name (Text (single line))
- Given name(s) (Text (single line))
- Person type (Terms list)
- Initials (Text (single line))
- Honorific (Terms list)
- Gender (Terms list)
- Thumbnail image (File)
- OCRd book entry or other narrative (Memo (multi-line))
- Year commenced - MELBOURNE UNI ONLY (Date / temporal)
- Start date (Date / temporal)
- USyd residential college (Terms list)
- Education notes (Memo (multi-line))
- Survived (Terms list)
- Naming note (Text (single line))
- Publications (Memo (multi-line))
- Short description (Memo (multi-line))
- Internal notes (Memo (multi-line))
- Religion (Terms list)
- Parental occupation (Terms list)
- ADB Entry ID (Text (single line))
- NLA Party Identifier (Text (single line))
- Discovering Anzacs (Text (single line))
- War Graves commission (Text (single line))

Field delimiter: Quotemark:

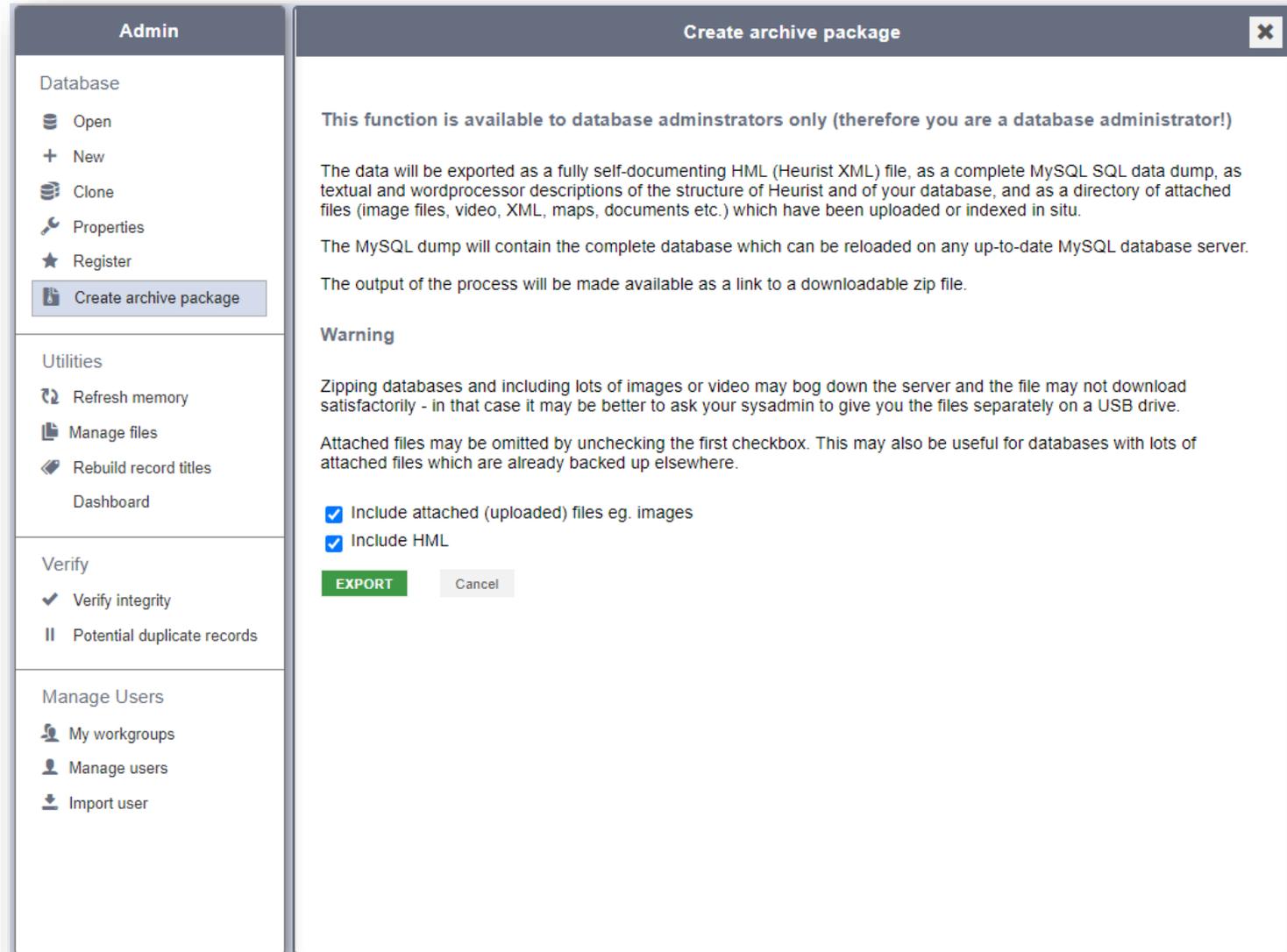
Include: Target title for pointers Term hierarchy Term IDs Term codes

Name settings to save for future use

	A	B	C	D	E	F
1	Person H-ID	Family name	Given name(s)	Gender	USyd residential college	Survived
2	2573	Busby	Frederick William Merewether	Male	St. Paul's College, University of Sydney	Died during war
3	2986	Fry	Walter Bruce	Male		Survived
4	3045	Greenaway	Thomas Moore	Male		Survived
5	3192	Holliday	Clifford Dawson	Male		Died during war
6	3316	Kay	William Elphinstone	Male	St. Andrew's College, University of Sydney	Survived
7	3322	Kelly	William Joseph	Male		Died during war
8	3430	Lowe	Gordon Bradley	Male		Survived
9	3439	Lynch	Cyril Bartholomew	Male		Survived
10	3535	May	Royston Kenilworth	Male	St. Paul's College, University of Sydney	Died during war
11	3592	McManamey	James Whiteside Frazer	Male	St. Andrew's College, University of Sydney	Died during war
12	3703	Murray	James Edward	Male		Survived
13	3704	Murray	Robert Andrew Malcolm	Male		Died during war
14	3753	O'Reilly	Walter Creswell	Male		Survived
15	3785	Parry	Edward Lloyd Davenport	Male		Survived
16	3872	Quilty	William Dempsey	Male		Survived
17	3923	Ridley	William John	Male		Died during war
18	3927	Riordan	Roslyn Newel	Female	The Women's College	Survived
19	3985	Savage	Vincent Wellesley	Male	St. Andrew's College, University of Sydney	Survived
20	3988	Saxby	George Jacob Maxwell	Male		Survived
21	3990	Saxby	Kenneth Knowlton	Male		Died during war
22	4037	Simpson (nee Windeyer)	Marian Fuller	Female	The Women's College	Survived
23	4132	Street	Laurence Whistler	Male	St. Paul's College, University of Sydney	Died during war
24	4160	Taylor	Augustus Selwyn	Male		Survived
25	4191	Thomson	Ewing George	Male	St. Andrew's College, University of Sydney	Survived
26	4281	Ward	William Herbert	Male	St. Andrew's College, University of Sydney	Survived
27	4289	Waterhouse	Walter Lawry	Male		Survived
28	4339	Wilkins	Thomas	Male		Survived
29	4358	Wilson	Lindsay Gilmore	Male	St. Andrew's College, University of Sydney	Survived
30	4389	York	Walter Robert	Male		Survived
31	5441	Whittle	Harry Clarendon	Male		Survived
32	5451	Windeyer	William John Victor	Male		Survived

Archive package

- SQL (structure + data)
- XML
- Uploaded files
- Locally created files
- Documentation





About the project

Libraries, Reading Communities and Cultural Formation in the Eighteenth-Century Atlantic is a three-year Arts and Humanities Research Council-funded project which began in October 2019. Based in the History Department at the University of Liverpool, its primary aim is to investigate the contribution of books to social, cultural and political change in the eighteenth century. It will do this by exploring in unprecedented range and depth the role played by voluntary subscription libraries in the reading lives of communities and individuals across the Anglophone Atlantic between 1731 and 1800.

Organised and funded by the state, libraries are today valued as a vital social good and a fundamental plank of liberal democracy. Yet the modern Public Library (originating in the mid-19th century) is only the most recent solution to the problem of how communities provide themselves with books. Before then, there existed a flourishing, unregulated library culture built not by the state but by groups of autonomous individuals acting from a range of motivations, including libraries built and sustained through private subscriptions.

The first formal subscription library (or social library, as they were more commonly known in North America) was the Library Company of Philadelphia begun in 1731 by printer's apprentice Benjamin Franklin and a group of like-minded artisans as a means of acquiring expensive books to provoke conversation and inspire intellectual change.

"The promotion of Literature is no less interesting to those engaged in Trade & Commerce than to any other part of the Community, as besides the improvement of Navigation and the acquisition of foreign Languages whereby Commerce has been greatly facilitated and extended, the manufacturers are also ascribed to it."

From the Catalogue of the Rules of the n.d.) p.3.

Title image: [Library and Study](#)
 William Russell Birch, 1800

The Reading is supported by:



• Web site creation

- Basique ... ~ 1 hr (texte, images dispo)
- C18C Libraries Online ~0,5 jours
- Uncovering Pacific Pasts ~2 jours

Uncovering Pacific Pasts

Objects Museums Collection locations About Contacts

Object searches Click Close button below for additional searches

Object type, material and technique

Object Type: edge, edge handle, edge head, arrow, artwork, show more

Materials: albumen photographic print, argillaceous sandstone, argillite, bamboo, bark cloth, show more

Technique: assembled, beaten, bound, carved, painted, show more

Auckland Museum

Fish hook, trolling lure shank: Tairua, Coromandel Peninsula, New Zealand 17 May 1905, 1964

Institution: Auckland Museum
Project reference: AWMM_Ob1
Original catalogue number: AU1785
Acquisition Method: Given as gift 1966
Excavation survey

Description: Bisected conus shell disc, "16." handover central perforation for line attachment. E reverse side (cortex). At the distal end as more pronounced the lower. The edges of scratches are visible. Slight longitudinal

Object type: Fish hook
Materials: Pinctada margaritifera
Techniques: ground
Measurements: length: 50.1mm width: 10.2mm

Collection notes: Tairua, Coromandel Peninsula, New Zealand
Collected at: Excavation
Collection method: Excavation
Object naming: Fish hook, trolling lure shank
 Made, Mavoro, near Gupuna Village, Sa ago, in parents' generation of elderly infirmary?

Object production: copyright Collection of Auckland War Museum

Reproduction rights:

Uncovering Pacific Pasts

Objects Museums Collection locations About Contacts

Paragraph - B / A - Add Media - Add database widget Save Done

Object searches Click Close button below for additional searches

custom report edit remove width: 50% custom report edit remove height: 100% width: 100%

Add Heurist Widget to your Web Page

Add a search widget to one or more display widgets - they will be added to create together. To position widgets insert it in table cells or if you are familiar with CSS use "display" property. To place multiple widgets on a single one, use tabular.

Search results list on thumbnails

CS: background #FFFFFF border: 1px solid #000000 height: 150px; margin-bottom: 10px; padding: 5px; width: 100%;

Show results: viewmode filter name

Title:

Viewmode: Horizontal gallery

Click to view record: open inline open as popup enable

Individual record controls: internal style / external style / public style / always on

Record view template: Object image

Show URL as link: Support recorder:

Filter to be applied initially:

Save Cancel

results list edit remove height: 245px width: 100%

powered by Heurist at The University of Sydney site source

Project web site:

<http://heuristnetwork.org>

Test dataset:

<http://tinyurl.com/y6uchstm>

<https://Heurist.huma-num.fr>

Forum:

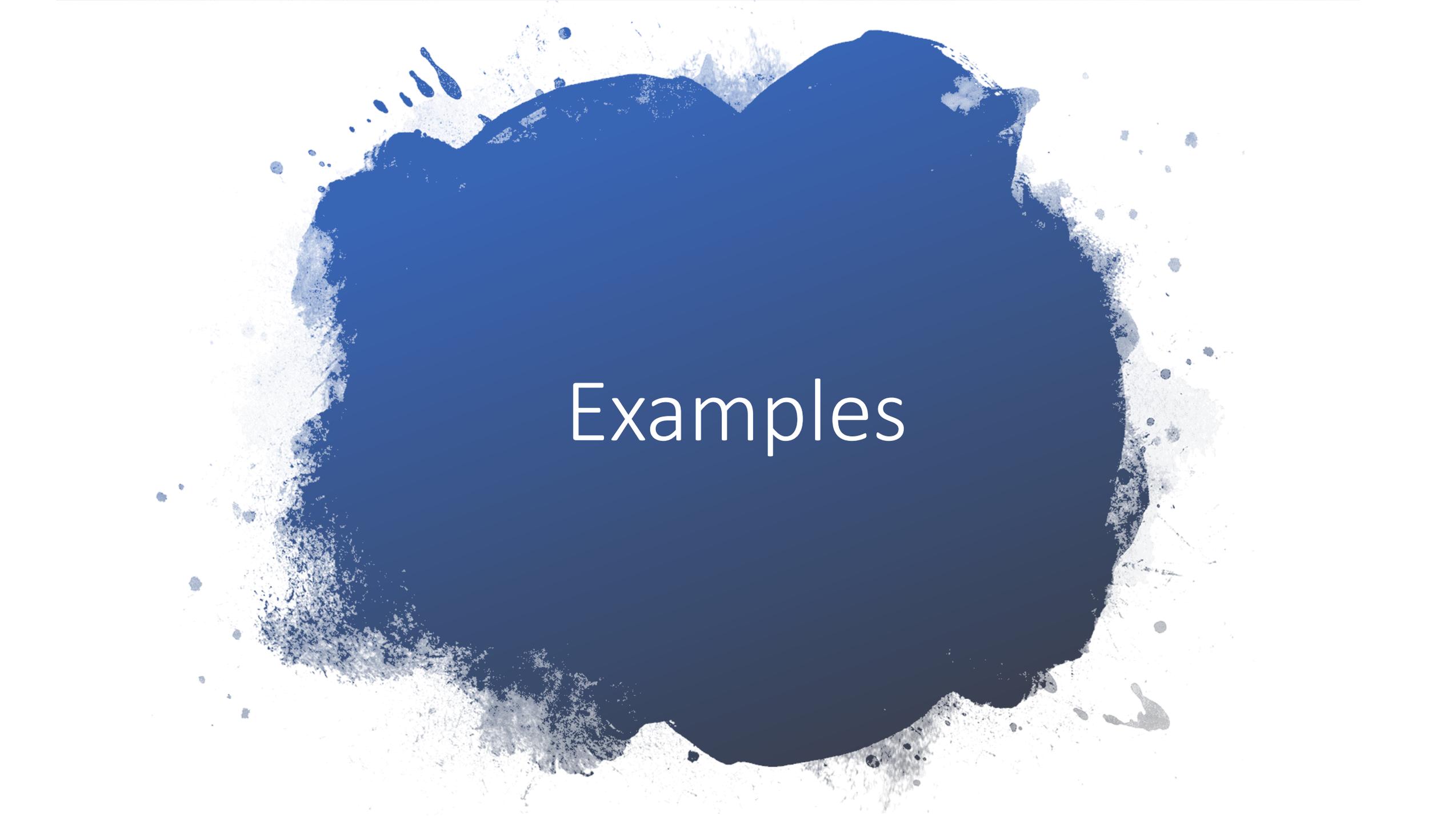
<https://groupes.renater.fr/sympa/info/heurist-utilisateurs>

Learning materials (French)

<https://programminghistorian.org/fr/lecons/introduction-a-heurist>
<https://uncoded.gitlab.io/BDD/>

Source code:

<https://github.com/HeuristNetwork/heurist/>



Examples

Digital Harlem (Bespoke: 2004 Heurist: 2013)

Digital Harlem
Everyday Life 1915-1930

HOME ABOUT THE MAP SOURCES SEARCH Events SEARCH Places SELECT A Person TIMELINE PUBLICATIONS FAQ 1920s HARLEM BLOG

NUMBERS ARRESTS

(Almost all of these arrests occurred in 1925, the only year in our sample in which those playing the numbers were charged with a felony and appear in the DA's files.)
(Uncheck the box in the legend marked "Residences" to see only the location of arrests)

Numbers was a form of illegal gambling in which individuals wagered on which number between 0 and 999 would turn up as the day's number. The chance of any number "hitting" was one in one thousand, but anyone who managed to overcome these odds and win, was paid off on their bets, which usually ranged from pennies to a few dollars, at the rate of six hundred to one. [Learn more about numbers gambling.](#)

In the 1920s, Numbers was a black-owned and black-run business—one of very few in Harlem—that turned over tens of millions of dollars every year, as roughly one in two of the district's residents bet with some regularity. It was also illegal, and undercover police officers, including some black officers, regularly arrested those operating or playing the game.

If you zoom the map in on Harlem, it is clear numbers was played everywhere in the district. The racket was not concentrated in any particular area; indeed evidence of numbers was present and obvious on virtually every street and avenue in Harlem. Many arrests occurred in stores, particularly cigar and stationary stores, and hence along Lenox and 7th Avenues, and West 135th Street between Fifth and Lenox Avenues, Harlem's retail strips. Other arrests, more typically of blacks, took place on the streets; many runners stationed themselves on the city's streets and avenues, particularly in the

Map Satellite

Zoom to: Harlem

- Current query
- Secondary locations
- Residence of participants
- Bromley Real Estate Map
- Black Harlem 1925
- Numbers Arrests
- Secondary locations
- Residence of participants

Time filter on

Numbers Arrests	1915	1920	1925	1930
			<ul style="list-style-type: none"> John Taglione arrested for possession of policy material [Numbers Arrests] Julian Thompson arrested for policy [Numbers Arrests] Police Raid on Headquarters [Numbers Arrests] Thomas Horton and Edward [Numbers Arrests] William Tobin arrests Robert [Numbers Arrests] 	

Maps Legend

CHURCHES SPORTS

Digital Harlem
Everyday Life 1915-1930

HOME ABOUT THE MAP SOURCES SEARCH Events SEARCH Places SELECT A Person TIMELINE PUBLICATIONS FAQ 1920s HARLEM BLOG

Found 37 matches.... Keep On Map

Events

Reset all Show all available searches

Title of event

Type of event

Assault (Domestic...)

Start date

1916 - 1930

Start (general time of day)

select...

Source type

select...

Zoom to: Harlem

- Current query
- Secondary locations
- Residence of participants
- Bromley Fire Risk Maps
- Black Harlem 1920
- Black Harlem 1925
- Black Harlem 1930

Time filter on

Current query	1915	1920	1925	1930	1935	1940
				<ul style="list-style-type: none"> Agnes Dixon cuts Augusta Burleigh with a razor [Assault (Domestic), id 10103] Stanley Barker threatens Eulalia Barker with a revolver [Assault (Domestic), id 10144] Charles Barrett stabs Margaret Barrett [Assault (Domestic), id 10194] Rufus Morris assaults Annie Morris [Assault (Domestic), id 10221] Pearlie Pearce attempts to administer a lethal ingestive to John J. Pearce [Assault (Domestic), id 10221] Richard Harris assaults Lizzie Harris [Assault (Domestic), id 10282] Clara Jordan shoots Juan Leon [Assault (Domestic), id 8437] Charles Bellamy assaults Marion Bellamy [Assault (Domestic), id 8424] Sarah Johnson and Leon Gomez assault Christina Gomez [Assault (Domestic), id 8402] Charles Brown assaults Elizabeth Brown [Assault (Domestic), id 8406] 		

Maps Legend

CHURCHES SPORTS

NUMBERS ARRESTS

NIGHTLIFE

BEYOND 1914

The University of Sydney and the Great War

[How do I use this?](#)

WHAT IS BEYOND 1914?

Beyond 1914 — *The University of Sydney and the Great War* is an extensive, searchable database of biographies and archival information about members of the University community involved in the First World War.

Built on the legacy of information provided to the University between 1915 and 1938 by more than 2000 former staff, students, graduates and their families (later published in the University's *Book of Remembrance*), *Beyond 1914* features insights into the lives of these men and women before, during and after the war.

This short film takes you behind-the-scenes at the University Archives. It explains how the *Book of Remembrance* was created back in 1939 and reveals just a handful of the thousands of stories that can now be found on *Beyond 1914*.



MAPPING LIVES

During the war, as well as before its outbreak after Armistice was declared, much of the University community travelled, worked and lived abroad.

You can trace these movements on the *Beyond 1914* map. Discover individual journeys of the many connections to important locations as London, Gallipoli or Cairo.

BEYOND 1914

The University of Sydney and the Great War

[How do I use this?](#)

Education

RESET FILTERS

FAMILY NAME

GIVEN NAME(S)

GENDER

Female 251 Male 228

PLACE OF BIRTH

UNIVERSITY CONNECTIONS

select...

SCHOOL

UNIVERSITY



Julian Boyd Aarons

Arts I: Major, 11th Battn., A.I.F., Gallipoli, Egypt, England and France. Enlisting as captain, 10th February, 1915, and sailing with A.L.H. Reinforcements, joined 11th Battn. at Anzac 7th June. Served as company commander from 11th July till wounded by a bomb, 8th August, and evacuated to hospital at Cairo. On 28th appointed O.C. A Details, Zeitoun, and on 21st December transferred to 3rd Training Battn., commanding at Abbassia, Aerodrome Camp, Tel-el-Kebir, and, after 31st May, 1916, in England. Rejoining 11th Battn. on the Somme, 10th November, as second in command, served at Fiers, Ypres, Bullecourt and elsewhere until 8th September, 1917, when appointed Permanent President of Courts Martial, returning in 1920. Early education at Sydney Grammar School. Later at The Royal School of Mines, London University.



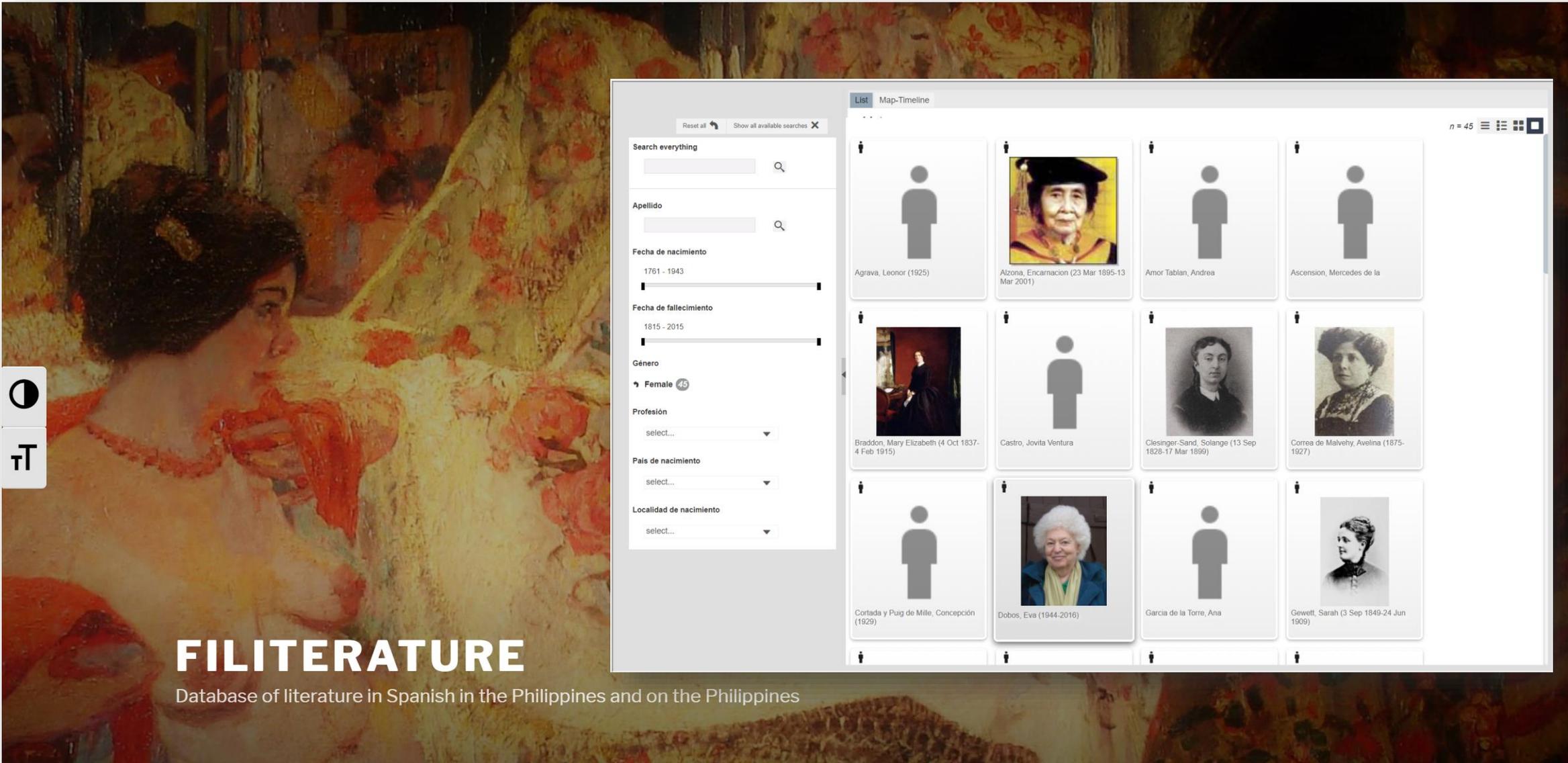
Joseph Palmer Abbott

M.C., B.A., Law: Lieutenant, R.F.A., B.E.F., France and Germany; also A.A.M.C., A.I.F., Gallipoli. Enlisting 8th February, 1915, and sailing 10th April with 4th Reinforcements 1st Australian Field Ambulance, served as stretcherbearer at Anzac from 11th July till invalided to England 25th September. Was discharged on 13th December on receiving commission to R.F.A. and, crossing to France in May, 1916, served with 40th Battery until September, 1918. Was Adjutant 25th Brigade till December and then with 115th Battery in Army of Occupation till April, 1919, being demobilised in England. Promoted lieutenant, 1st July, 1917. Awarded M.C. in July, 1918. Early education at Sydney Church of England Grammar School and The Armidale School (Captain). Later at St. Paul's College.



Percy Phipps Abbott

C.M.G., V.D., Arts: Lieutenant-Colonel, 12th A.L.H. Regt., A.I.F., Gallipoli and France. Appointed lieutenant-colonel to command 12th A.L.H. Regt. 16th March, 1915, and, arriving at Anzac in August, was attached to 10th A.L.H. on 30th. Commanded 60th Battn. at Salisbury Plain in 1916-17 and, crossing to France in October, was, for a time, attached to 30th Battn. and 3rd Divisional H.Q. Appointment terminated 22nd June, 1918. Made a C.M.G. in 1917. Early education at The Hutchins School, Hobart.



FILITERATURE

Database of literature in Spanish in the Philippines and on the Philippines

Reset all Show all available searches

Search everything

Apellido

Fecha de nacimiento

1761 - 1943

Fecha de fallecimiento

1815 - 2015

Género

Female 45

Profesión

select...

Pais de nacimiento

select...

Localidad de nacimiento

select...

List Map-Timeline

n = 45

 Agrava, Leonor (1925)	 Alzona, Encarnacion (23 Mar 1895-13 Mar 2001)	 Amor Tablan, Andrea	 Ascension, Mercedes de la
 Braddon, Mary Elizabeth (4 Oct 1837-4 Feb 1915)	 Castro, Jovita Ventura	 Clesinger-Sand, Solange (13 Sep 1828-17 Mar 1899)	 Correa de Malvey, Avelina (1875-1927)
 Cortada y Puig de Mille, Concepción (1929)	 Dobos, Eva (1944-2016)	 Garcia de la Torre, Ana	 Gewett, Sarah (3 Sep 1849-24 Jun 1909)

[About the project](#)

[Database](#)

[News](#)

[Contact](#)

[How to use Filiteratura](#)

Select Language ▾





HEURIST v5.1.10



sara_TRpeople

Settings



Ian Johnson

Database Structure Verify Import Website Management Help

hosted by: The University of Sydney

People by facets

RESET FILTERS Close

Family name

Given name(s)

Gender

Female 4 Male 10

Life roles

select...

Birth date

1838 - 1884

Place of birth

Boston
Brownsville
Chestnut Hill
Cincinnati
Clinton

show more

Place of death

Boston
Cove Neck, NY
Long Island City
New York City
Oyster Bay

show more

Entities by usage

Life event [54]

Organisation [0]

Place [25]

Person [14]

filter help

[[{"t": "10"}, {"sortBy": "t"}]]

Filter

+ Add Record

Define Parameters Add Record

People

Selected Collect Recode Share Reorder

n = 14

Save Filter

Carow Roosevelt, Edith Kermit (USA 6 Aug 1861 - USA 30)	Cortelyou, George Bruce (USA) 26 Jul 1862 - USA 23 Oct	Hay, John Milton (USA 8 Oct 1838 - 1 Jul 1905)
 Knox, Philander Chase (USA 6 May 1853 - USA 12 Oct 1921)	 Lee, Alice Hathaway (USA 29 Jul 1861 - 14 Feb 1884)	 Longworth, Nicholas (III)
 Roosevelt Cowles, Anna "Bamie" (USA 18 Jan 1855 -	 Roosevelt Longworth, Alice Lee (USA 12 Feb 1884 - USA	 Roosevelt, Theodore (USA 27 Oct 1858 - USA 5 Jan 1919)
		

Record View Map-Timeline Map new Custom Reports Export Network Diagram Crosstabs

Roosevelt Longworth, Alice Lee (USA 12 Feb 1884 - USA 20 Feb 1980)

ID:14

Type 10: Person



DOWNLOAD

Family name Roosevelt Longworth
Given name(s) Alice Lee
Gender Female
Representative picture Alice_Roosevelt_by_Frances_Benjamin_Johnston.jpg [247kB]

The Virtual Museum of Balinese Painting



The Virtual Museum of Balinese Painting

The Virtual Museum of Balinese Painting is a digital repository of Balinese art. The project began in 2004 and is a collaboration between the American Museum of Natural History and the Bali Cultural Society. Some of the first entries were the American Museum of Natural History's collection, and the collections of the Bali Cultural Society, and the collections of the American Museum of Natural History's Adrian Vickers and Peter Worsley, together with programming by Steven Hayes.

The following are the major public and private collections that have so far provided extensive data and permissions to publish. A number of the public collections have provided hyperlinks to their on-line records, and the constancy of those links cannot always be guaranteed. Records of other collections will be published progressively.

Copyright of the images remains with the owners and artists, and permission must be obtained from them for any further use.

- Browse by:
- Artist
 - Collection
 - Narrative

[website](#)

Janger Dance of Dutch Officers
Anak Agung Gede Anom Soberat (1940-)

88 by 66 cm
Tempera on cloth glued to board
Celus Collection

attribution to Soberat by Adrian Vickers. This shows a janger performance with the male section of the chorus wearing fake moustaches and what seems to be Dutch military uniforms. The drama in the middle may be a Calon Arang.

HEURIST v4.10 balpaintings Database Import Export Help Profile Ian Johnson log out

Filter criteria t:artist "Nyoman Mandra" Filter Add Record

Record Map Report Connections
Select template: Artist page with nested loop

Nyoman Mandra + artworks Records: 23

Selected Collected Shared

--



Object searches Click Close button below for additional searches

Object type, material and technique

Close X

Object Type

- adze 40
- adze handle 1
- adze head 0
- arrow 1
- artwork 10

show more

Materials

- albumen photographic print 1
- Argillaceous sandstone 2
- argillite 1
- bamboo 2
- bark cloth 2

show more

Technique

- assembled 2
- beaten 2
- bound 4
- carved 18
- carved, painted 1

show more



Auckland Museum



Fish hook, trolling lure shank: Tairua, Coromandel Peninsula, New Zealand 17 May 1905, 1964

Institution **Auckland Museum**

Project reference AWMM_Ob1

Original catalogue number AU1785

Acquisition Method Given as gift 1966

Excavation/survey

Bisected conus shell disc, "16." handwritten in black on one face. Pointed at proximal end where there is a central perforation for line attachment. Eye diameter 2mm drilled from both sides, with the hole wider on reverse side (cortex). At the distal end are two grooves for attaching the hook. The upper lashing groove is more pronounced the lower. The edges of the lure on the cortex side are slightly rounded and angled file scratches are visible. Slight longitudinal curvature.

Description

Object type Fish hook

Materials Pinctada margaritifera

Techniques ground

Measurements length: 50.1mm width: 10.2mm

Collection notes

Collected at Tairua, Coromandel Peninsula, New Zealand -- Locality 17 May 1905, 1964 - Green, Roger Curtis

Collection method Excavation

Object naming Fish hook, trolling lure shank

Object production Made, Maworo, near Gupuna Vilage, Santa Ana, S.I. Not long before Gupuna founded (no more than a century ago, in parents' generation of elderly informants); pre 1893 (British Protectorate - no middens). Circa 100 years ago?

Reproduction rights

copyright Collection of Auckland War Memorial Museum Tāmaki Paenga Hira



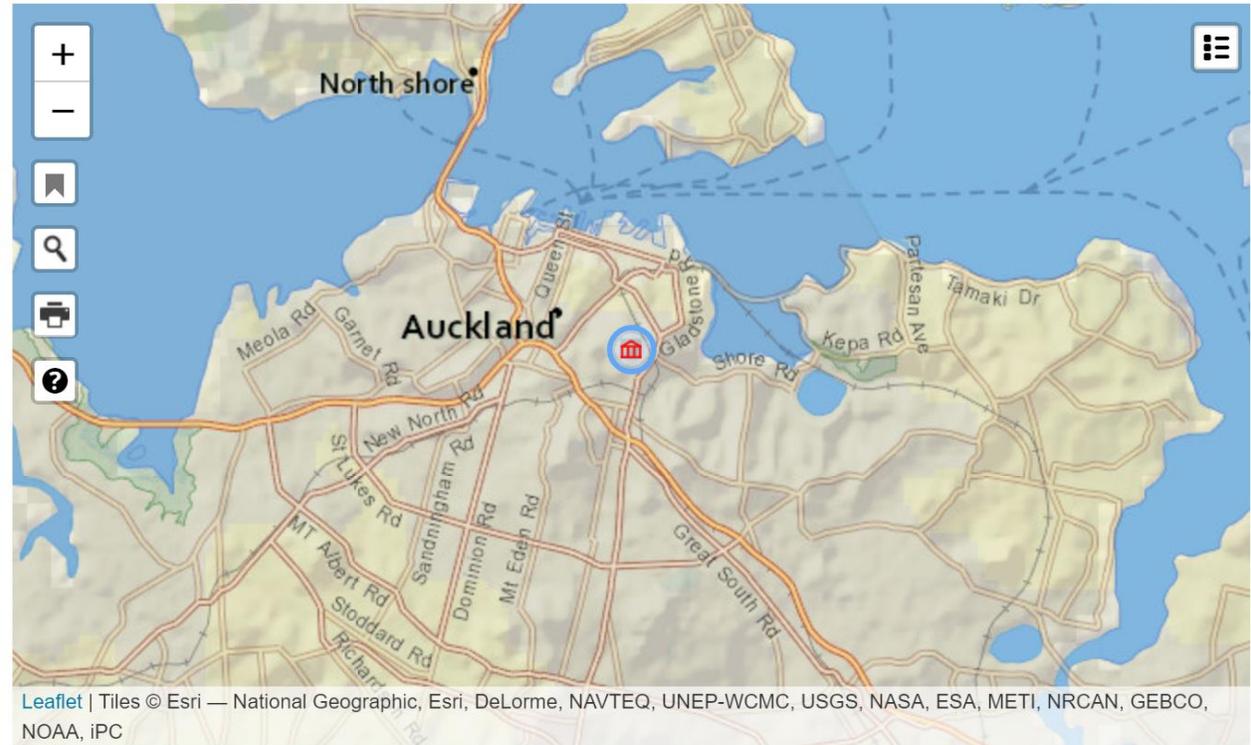


Museums and other holding places



Auckland Museum

-   Fish hook, trolling lure shank: Tairua, Coromandel Peninsula, New Zealand 17 May 1905, 1964
-   Photograph of Roger Curtis Green at Falevao:
-   Archaeological excavation at Nenumbo (Site SERF2):
-   Ground adze with planoconvex cross section: Nenumbo, Te Motu Taiba, Reef Islands, Solomon Islands 1971
-   Dentate stamped decorated pottery with face design: 1971





NOTRE PROJET

LA BASE DE DONNÉES

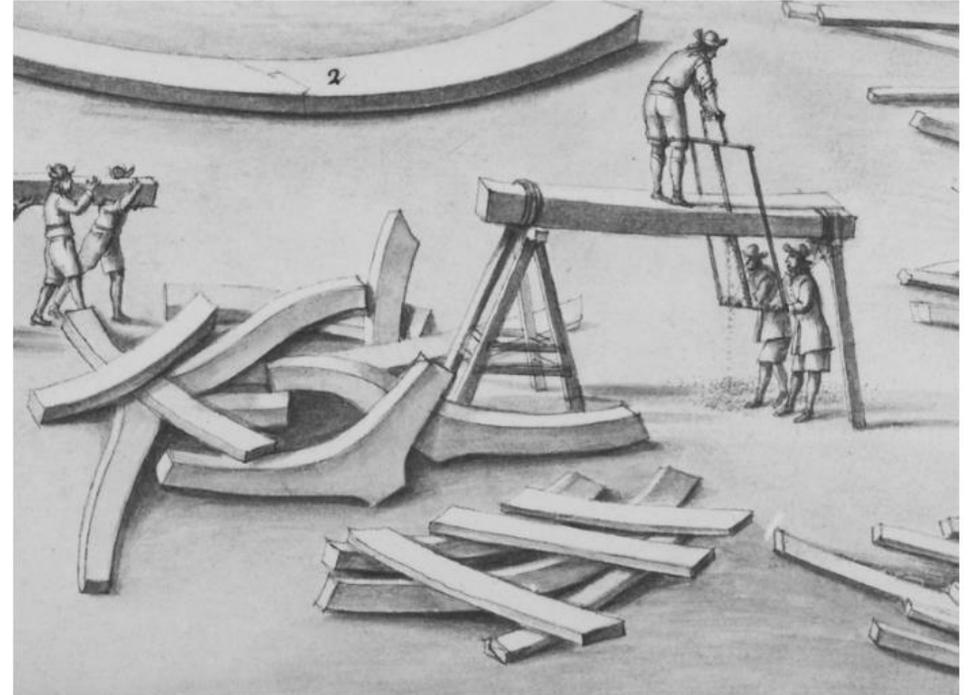
RECHERCHER

SAISIR DES DONNÉES...

Les ouvriers de la construction navale

Arsenaux français - XVIIIe - XIXe siècles

Une base de données d'Histoire sociale et maritime



Cartographies

Stories (People)

Persons by attributes

Simple search

Search everything:

0



Ahmad, Nour

2




Al Zahre, Nisrine

0

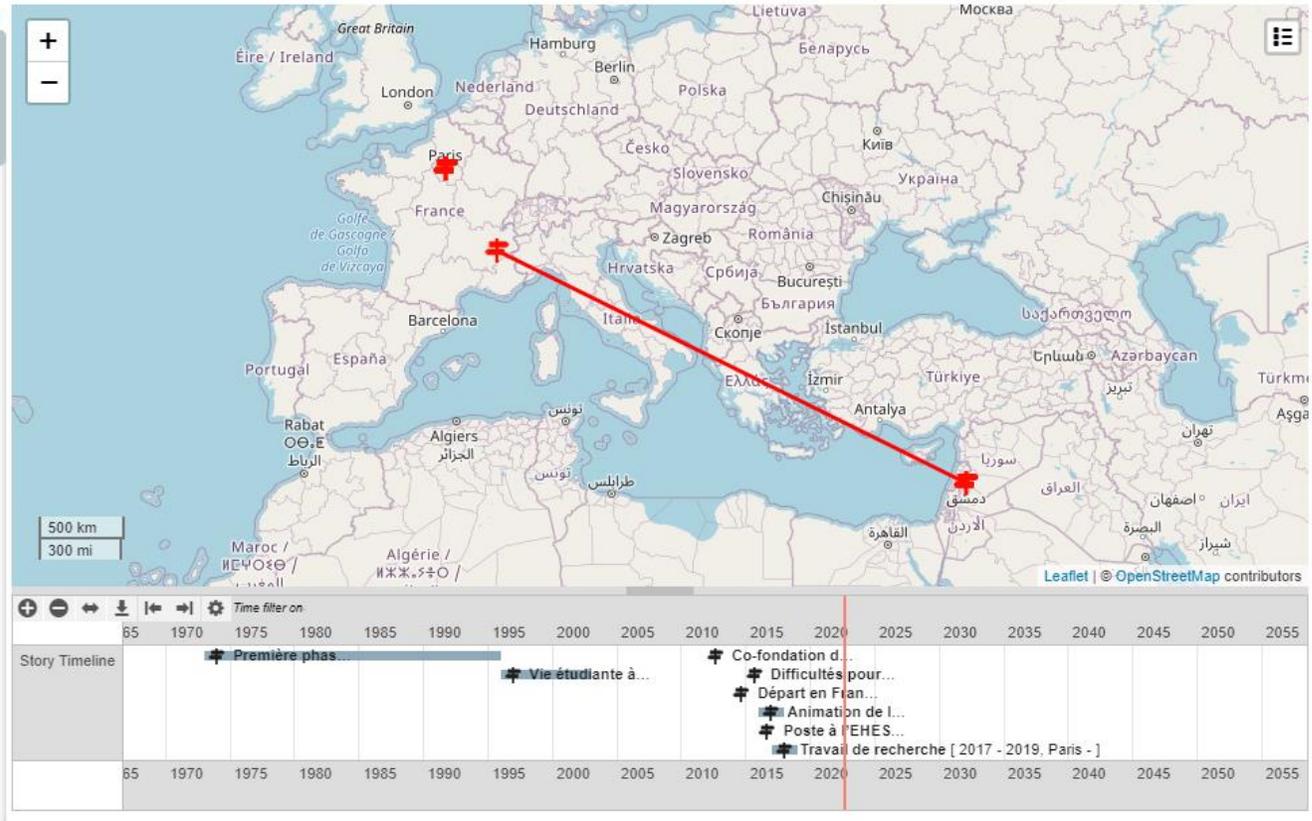



Araujo, Ana Maria

0



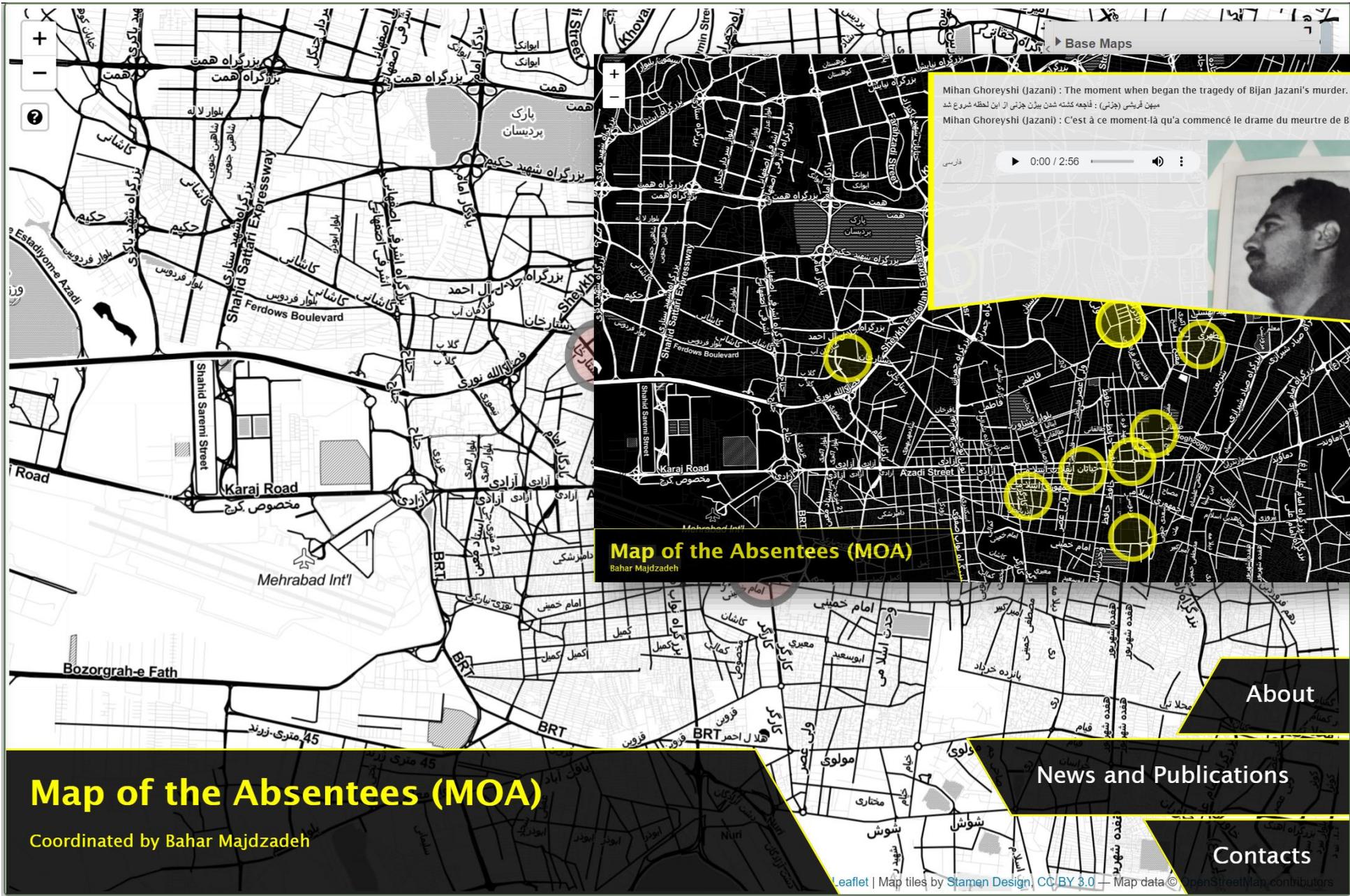

n = 20



Nisrine - Au croisement de la linguistique et des sciences sociales

Al Zahre

Nisrine, née à Damas en 1973 fait des études en langue et littérature françaises à l'université de Damas jusqu'en 1996, et puis elle soutient un doctorat en sciences de langage à l'Université de Paris 8 en France. Elle rentre en Syrie et enseigne à l'Université de Homs puis celle de Damas jusqu'en 2014 lorsqu'elle décide de partir avec sa famille. Elle renoue avec son université, Paris 8, et y occupe un poste de maître de conférence invitée. Elle rencontre des difficultés à obtenir un poste de chercheuse en France qu'elle attribue à la rareté des postes et le niveau de productivité académique. Elle obtient cependant un poste à l'EHESS dans le cadre du programme « étudiants exilés », en tant qu'enseignante de langue française et continue à produire scientifiquement en participant à plusieurs projets de recherche. Elle développe progressivement son propre projet entre la linguistique, la sociologie, et la politique visant de regrouper tous ses intérêts, sa spécialité, ses acquis, ses différents intérêts et ce dont la vie l'a marquée.



Base Maps

Mihan Ghorayshi (Jazani) : The moment when began the tragedy of Bijan Jazani's murder.
 میهن قریشی (جزنی) : فاجعه کشته شدن بیژن جزنی از این لحظه شروع شد

Mihan Ghorayshi (Jazani) : C'est à ce moment-là qu'a commencé le drame du meurtre de Bijan Jazani.

فارسی

0:00 / 2:56

About

News and Publications

Contact

About

News and Publications

Contacts

MBH est un projet ANR ACHN qui soutient l'étude systématique des manuscrits bibliques hébraïques produits en Europe occidentale avant 1300 afin d'aboutir à l'établissement d'une typologie des manuscrits en fonction de leur forme et de leur contenu.

— Avec, d'un côté, la multiplication et la numérisation des manuscrits hébraïques sur la toile, et de l'autre, l'existence de plusieurs bases de données dédiées aux manuscrits hébreux en général (Sfardata, Books within Books), une étude systématique propre aux manuscrits bibliques hébreux médiévaux est désormais réalisable et incontournable. Cette recherche - paradoxalement jamais menée sur un des livres les plus copiés du Moyen Âge juif - est cruciale, tant pour la compréhension des phénomènes liés à la production du livre occidental et hébraïque que pour une meilleure connaissance de la place de la Bible hébraïque à partir de ses formes matérielles et des types de textes bibliques en usage à l'époque médiévale, y compris en contexte chrétien.



juif - est cruciale, tant pour la compréhension des phénomènes liés à la production du livre occidental et hébraïque que pour une meilleure connaissance de la place de la Bible hébraïque à partir de ses formes matérielles et des types de textes bibliques en usage à l'époque médiévale, y compris en contexte chrétien.



MS Bologna BU 2206 © Projet MBH



Ms Paris BnF Hébreu 33 © Projet MBH

MBH, une base de type analytico-descriptive avec moteur de recherche multicritère. Cette base doit permettre d'interroger les caractéristiques codicologiques, paléographiques, mais aussi les traditions scribales, textuelles et historiques des bibles hébraïques.

Outre l'accès à la base de données dédiée aux bibles hébraïques, le portail MBH mettra à disposition différentes informations, outils et expérimentations menées, en particulier celles sur la numérisation 3D de manuscrits permettant d'améliorer l'appréhension matérielle des manuscrits médiévaux et favoriser l'étude de la matérialisation des textes et leur signification.



Références bibliographiques

Ressources > Références bibliographiques

Displaying 234 results

Titre

1706

Nom de l'auteur

Kall, Abraham

1706.

Détails de la publication

1719

Bibliotheca Orientalis Clementino-Vaticana. 1719.

Année de publication

1705 - 2016 **234**

1720

J.H. Mai Bibliotheca Offenbachiana. Halle, 1720.

1756

Assemani, Stefano Evodio , Assemani, Giuseppe Simone

Bibliothecae Apostolicae Vaticanae codicum manuseriptorum

catalogus: in tres partes distributus. Codices Ebraicos et Samaritanos. Libr. Orientale et Americana, 1756.

1765

Kennicott, Benjamin

De statu collationis hebraicorum codicum MStorum veteris testamenti (finito anno 1765) sex

abhinc annis institutae a Benjaminio Kennicott. Winton Thomas & W. D. McHardy: Oxford, 1765.

Corpus

Actuellement, il n'existe pas de statistiques précises sur le nombre total de bibles hébraïques conservées aujourd'hui. Le projet MBH doit contribuer à une meilleure connaissance de ce corpus. En l'état des recherches, sur 40 000 manuscrits hébreux qui seraient médiévaux, 3200 sont précisément datés, soit un peu moins de 10% d'entre eux (Sirat 1994, 10-11). Le nombre de manuscrits bibliques s'éleverait à environ 5000 (Schlanger 2012, 21) et ils sont dans leur très grande

Moc

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descri

The Early Islamic Empire at Work

The View from the Regions Toward the Center

Heurist DB 5 years (private server)
Publication of database at end of project (2020)

The screenshot displays the 'The Early Islamic Empire at Work Database' interface. On the left, a navigation menu includes 'PROJECT', 'KEY REGIONS', and 'Ifriqiya'. The main content area features a map of the region with a search bar and filters. The right-hand panel shows 'Events for Place: Fārs, فارس (Province)' with a list of events, including 'Appointment of al-Qāsim b. Dīnār over the kharāj and the diyā' of Fārs'. The interface also includes logos for Universität Hamburg and the ERC Project.

PROJECT **KEY REGIONS** **Ifriqiya**

UHH → Humanities → AAI

THE PROJECT

ERC Project

"The Early Islamic Empire at Work - Center"

Summary

The Early Islamic Empire at Work

Define Website

Universität Hamburg
DER FORSCHUNG | DER LEHRE | DER BILDUNG

THE EARLY ISLAMIC EMPIRE AT WORK DATABASE

Events for place

RESET FILTERS Close X

Person Name

Date Range >>Date
0642 - 0934 (63)

Type of event

- administrative
- beginning of term
- appointment (A is appointed by B) 1
- confirmation (A is confirmed by B) 83
- end of term 3
- show more 1

Function

- Army commander 14
- Caliph 25
- Governor 125
- Deputy governor 2
- Provincial governor 1
- show more

Events for Place: Fārs, فارس (Province)

Type: Region.Province

n = 173 1 2

- Ibn Wāsil wanted to push on to Wāsiṭ to fight Mūsā b. Bughā, but the latter resigned
- Appointment of al-Qāsim b. Dīnār over the kharāj and the diyā' of Fārs

Appointment of al-Qāsim b. Dīnār over the kharāj and the diyā' of Fārs

Record id: 132367
Event type: administrative.beginning of term.appointment (A is appointed by B)
Ref.:
• Miskawayh, Abū 'Alī Aḥmad b. Muḥammad, Imāmī, Tajārib al-Umam: Tajārib al-umam wa-ta'āqib al-humam, 5 227
Date: no date provided
Actors involved in this event:
• Role A: 132370 القاسم بن دينار فارس (Province)
◦ is in charge of the kharaj of Fārs, فارس (Province)
◦ is in charge of the diyā' of Fārs, فارس (Province)
-> See Person no. 130247 القاسم بن دينار فارس (Province)
• Role B: 131431 علي بن عيسى
-> See Person no. 130248 علي بن عيسى

- 'Ubayd Allāh was in charge of Fārs
- Qaṭan b. Qabīṣa b. al-Mukhāriq al-Hilālī was governor of Kirmān and Fārs
- Appointment of Muḥammad b. Yūsuf al-Thaqafī over Fārs
- Appointment of Kharasha over Jahrom/Darābjird
- Kharasha rebelled
- 'Abd Allāh b. Khālīd b. Asīd was in charge of Fārs

Leaflet | Map data © OpenStreetMap contributors, CC-BY-SA, Imagery © Mapbox

Places with Events (Current selection) Places without Events

Mapping Island Lives

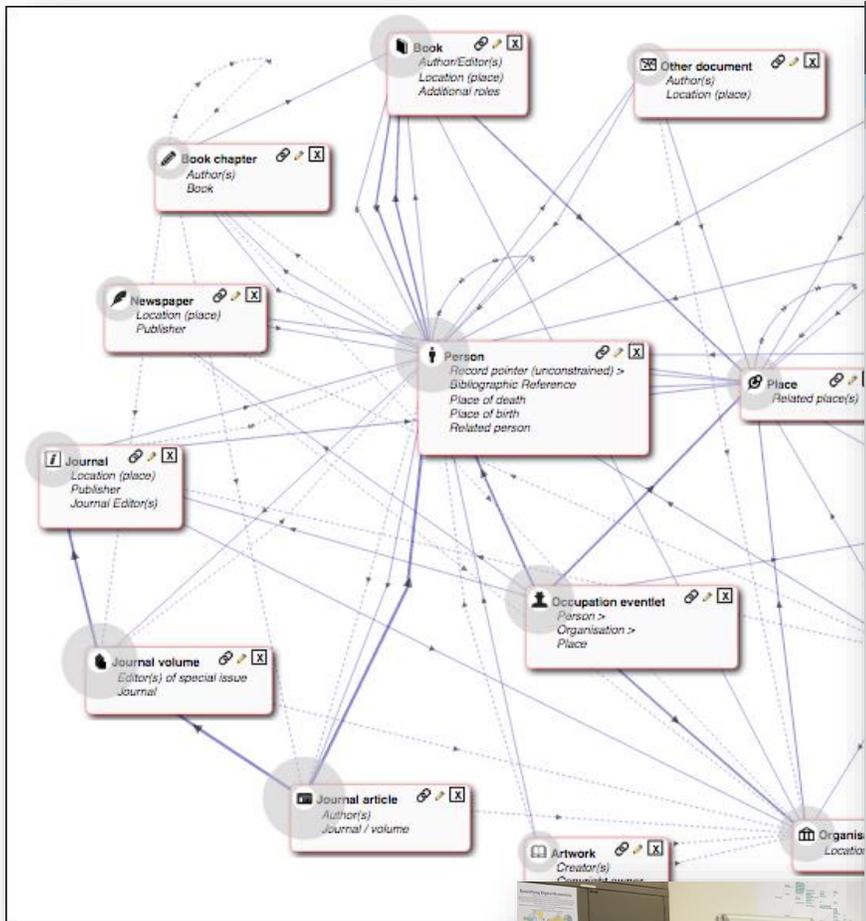
Filtered Result

Selected Collected Shared n = 4

Avilhos Mikelis 18 Mar 1844 Julian (Gregorian 30 M...
 Avouris Andreas-Dionysios 26 Apr 1866 Julian (Gre...

Record View Map-Timeline Custom Reports Export Network Diagram

Map Satellite



HEURIST

Manage

Save Filters

Save

PERSONAL

My Filters (private)

Recent changes

All (date order)

Test

test2

WORKGROUPS

Database Managers

add

Other users

Faceted search

Search with rules

RuleSet

Record Info

Avouris Andreas-Dionysios 26 Apr 1866 Julian (Gregorian 8 May 1866)-13 Mar 1948 Julian (Gregorian 26 Mar 1948)

Person [10]

SHARED

Family name Avouris
 Original family name Αβούρης
 Given name(s) Andreas-Dionysios
 Original given name(s) Ανδρέας-Διονύσιος
 Fathers name Antonios
 Original fathers name Αντώνιος
 Nickname Πρωτομάστορας
 Gender Male
 Short description Όνομα μητρός: Πηγή Πετροπούλου. Έχει αφήσει αρκετά ανέκδοτα έργα. Τα τελευταία χρόνια της ζωής του δηλητηριάστηκαν από το θάνατο του μοναχογιού του Αντωνίου. Υπέγραφε και με το ψευδώνυμο Άρης.
 Date of birth 26 Apr 1866 Julian (Gregorian 8 May 1866) [IVER=1ITYP=slDAT=1866-05-08ICL2=26 Apr 1866IDET=0ICLD=Julian]
 Place of birth Zakynthos
 Date of death 13 Mar 1948 Julian (Gregorian 26 Mar 1948) [IVER=1ITYP=slDAT=1948-03-26ICL2=13 Mar 1948IDET=0ICLD=Julian]
 Place of death Zakynthos
 Cause of death illness
 Bibliographic Reference Λεξικόν ιστορικών και λαογραφικών Ζακύνθου. ZoisLeonidas, 1963
 Updated 2017-01-10 04:34:46
 Cite as http://heurist.sydneay.edu.au/n4-ao/?recID=715&db=hkat_MappingIslandLives

PRIVATE

Ownership Everyone - readable by other logged-in users
 Rating none
 Personal Tags
 Tags [Other users' tags]

TEXT

RELATED

IsFatherOf AvourisAntonios 5 Jan 1904 Julian (Gregorian 18 Jan 1904)-1944
 IsFatherOf AvourisAntonios 5 Jan 1904 Julian (Gregorian 18 Jan 1904)-1944

LINKED FROM

Referencing records Show list below as search results
 Linked from Κληρονομιό. AvourisAndreas-Dionysios 26 Apr 1866 Julian (Gregorian 8 May 1866)-13 Mar 1948 Julian (Gregorian 26 Mar 1948), 1940
 Ζακυνθινό Τύπο. AvourisAndreas-Dionysios 26 Apr 1866 Julian (Gregorian 8 May 1866)-13 Mar 1948 Julian (Gregorian 26 Mar 1948), 1919

[link](#)
 Helen Katsiadakis
 Academy of Athens, Greece



RELATED

IsFatherOf AvourisAntonios 5 Jan 1904 Julian (Gregorian 18 Jan 1904)-1944
 IsFatherOf AvourisAntonios 5 Jan 1904 Julian (Gregorian 18 Jan 1904)-1944

LINKED FROM

Referencing records Show list below as search results
 Linked from Κληρονομιό. AvourisAndreas-Dionysios 26 Apr 1866 Julian (Gregorian 8 May 1866)-13 Mar 1948 Julian (Gregorian 26 Mar 1948), 1940
 Ζακυνθινό Τύπο. AvourisAndreas-Dionysios 26 Apr 1866 Julian (Gregorian 8 May 1866)-13 Mar 1948 Julian (Gregorian 26 Mar 1948), 1919

Range - Start date

1782 - 1854 (11)

Person > Occupation eventlet

Range - End date

1812 - 1854 (11)

Homer in the Margins: The Art of Citation in the Ancient Literary Commentary

Newsletter Q1 2018: Featured Project

Database Overview

In the 3rd century BCE, Greek literary culture took a decisive turn with the establishment of the first massive libraries. These substantial collections, of which the library at Alexandria in Egypt was most prominent, enabled scholars to engage in new levels of research and, most importantly for us, provided a context in which authoritative editions of canonical literary works could be produced through the careful collation of extant versions. Closely allied with this project of textual criticism was the construction of extensive line-by-line commentaries to explain the text and to justify any proposed emendations. These *hypomnemata* ("notes"), as they were called, existed in separate papyrus rolls that were linked to the text via lemmata, and they addressed a broad range of topics—lexicography, mythology, ethnography, literary criticism, and more—all in service of illuminating the text for the reader.

Sadly, we possess none of these commentaries in their original form, but they initiated a rich tradition of exegetical scholarship that continues today. Over the centuries these original Alexandrian commentaries were copied, adapted, epitomized, and expanded according to the needs of an ever-changing readership, and eventually they found their way into the margins of the same medieval manuscripts that transmit the ancient literary works themselves. Although transformed in many ways over the years, at their core the "scholia," as the notes are called, share the same DNA as their Alexandrian predecessors, and there is ample reason to believe that they accurately communicate the principles and methods—if not always the exact language—of ancient scholars. (Indeed, the tradition appears to have been fairly conservative in its transmission, a notion supported in part by the papyrus record, as some unearthed *hypomnemata* fragments bear a very close resemblance to the medieval marginalia.) It is therefore possible to see in these copious scholia a holistic picture of ancient exegetical practices, even if it is often impossible to connect the notes with specific times, people, and places.



Some marginal comments to the opening verse of the *Iliad*, found in the famous Venetus A manuscript (10th cent. CE). The first question addressed is why Homer would begin his epic with "wrath," an ill-omened word.

Apollonius Rhodius: Argonautica (4.565) : Iliad 2.829 (Geography - Allusion)

ID:2454

Scholon on Homer [43]

SHARED

Target text	Apollonius Rhodius: Argonautica (4.565)
Homeric source reference	Iliad 2.829
Category of reference	Geography
Qualification of category	Allusion
Text	τὴν δὲ Πιτυοῦσσαν καλουμένην < Πιτύειαν > εἶ
Translation	And to the city known as "Pityussa," [Apolloniu
Notes	The implication is that Apollonius has chosen over the name, cf. Stephanus (Ethnica, p. 410
Updated	2017-03-25 01:27:12
Cite as	http://heurist.sydney.edu.au/h4/?recID=245

A sample Scholon

Apollonius Rhodius: Argonautica (4.565)

Target (non-Homeric) text [44]

SHARED

Target author	Apollonius Rhodius
Target text title	Argonautica
Target text line #	4.565
Target text passage	ἀλλ' ἔθεον γαίης Ὑλληίδος ἐξανιόντες τηλόθι, τὰς δ' ἀπὶ Λιβυρνίδες εἰν ἀλί νήσοι, ἴσσα τε Δυσκέλαδος τε καὶ ἰμε
Target text translation	But they sailed on, leaving the Hellean land far behind continuously populated by the Colchians in earlier tim
Updated	2017-03-25 01:09:51
Cite as	http://heurist.sydney.edu.au/h4/?recID=964&db=jm

PRIVATE

Ownership	Database Managers - hidden to all except owner(s)
Rating	none
Tags	[Other users' tags]

TEXT

LINKED FROM

Referencing records	Show list below as search results
Linked from	Apollonius Rhodius: Argonautica (4.565) : Iliad 2.829 (Geography - Allusion)

A sample record of the passage to which the scholon was attached

Iliad 2.829

ID:2348

Homeric source [45]

SHARED

Homeric text	Iliad
Book	2
Passage	829
Text	Οἱ δ' Ἀδρήστειάν τ' ἄγον καὶ δῆμον Ἀπαισοῦ καὶ Πιτύειαν ἔχον καὶ Τηρέϊνης ὄρος αἰπύ, τῶν ἦρχ' Ἀδρηστός τε καὶ Ἄμφιος Λινωθύρης υἱε Δύω Μέρποςτος Περκωσίου,
Translation	And those who held Adrasteia and the people of Apaesus, and who held Pityeia and the steep mountain of Tereia, whom Adrastus and Amphius of the linen corslet ruled, the two sons of Percosin Merops.
Notes	A selection from the Catalog of forces fighting on behalf of Troy.
Updated	2017-03-25 00:48:55
Cite as	http://heurist.sydney.edu.au/h4/?recID=2348&db=jmsmi_scholia_on_homer

PRIVATE

Ownership	Database Managers - hidden to all except owner(s)
Rating	none
Personal Tags	
Tags	[Other users' tags]

TEXT

LINKED FROM

Referencing records	Show list below as search results
Linked from	Apollonius Rhodius: Argonautica (1.932) : Iliad 2.829 (Geography)
	Apollonius Rhodius: Argonautica (1.977) : Iliad 2.829 (Geography)
	Apollonius Rhodius: Argonautica (4.565) : Iliad 2.829 (Geography - Allusion)

The Homeric passage referred to in the scholon

NHRF databases

~20 legacy databases converted 2019

The image displays the HEURIST database management system interface. On the left, a 'Select Database' window lists various databases such as 'NHRF_2_1_10_Philhellenism' and 'NHRF_2_1_1_Byzantine_History_Info_Bank'. The main interface shows the 'NHRF_2_1_1_Byzantine_History_Info_Bank' selected. A 'Design schema' menu is open, listing various entity types and their counts, including 'Αναφορά σε Πηγή' (97565), 'Αναφορά σε Βιβλιογραφία' (78998), 'Κείμενο' (53515), 'Έχει Ιδιότητα' (19727), 'Πρόσωπο' (9581), 'Γεωγραφική Υπαγωγή' (7702), 'Τόπος' (6226), 'Βιβλιογραφία' (4731), 'Ιδιότητα Προσώπου' (2491), 'Πηγή' (630), 'Θέμα' (279), 'Κατηγορία Τόπου' (32), 'CMS_Home' (11), and 'CMS Menu Entry' (9). The main record view displays details for '42 ΜΑΡΤΥΡΕΣ ΑΜΟΙΟΥ (VASILIEVSKIJ - NIKITIN)', including its name, category, and source information. A 'LINKED FROM' section lists other records that reference this one. A small inset window shows a detailed view of a specific record, 'Μάρτυρας Πορτίου (Μάρκος Βίλλιος) Κατο Τυρκοίας / Μάρκος Πόρτιος (Κόσμος) Τυρκοία', with fields for name, date, location, and source.

Heurist Contacts database

The screenshot displays the Heurist Contacts database interface. At the top, the header includes the Heurist logo (v5.2.14), the database name 'Heurist_Contacts_2020', and navigation links for Database, Verify, Import, Website, Management, Admin, FAIMS, and Help. The user is logged in as 'Ian Johnson' with a 'Settings' link. A 'hosted by: The University of Sydney' notice is also present.

The main content area shows a 'Filtered Result' overlay with three contact cards: Simon Burrows, Angela Sutton-Vane, and Diana Chester. Below this, a list of contacts is visible, including Devani Singh, Joshua Newham, Mary Casey, Christina Han (highlighted), Simon Burrows, and Helen Goulis. The right sidebar provides a detailed view for Christina Han, including her contact information, a project description, and her experience level.

Filtered Result

Selected Collect Recode Share Reorder $n = 3$

Save Filter

Filtered Result

Selected Collect Reorder

Save Filter

My Filters (private)

- Recent changes
- All (date order)
- People in date order
- Organisations - this is a very long name jsul
- Another test

Database Managers (workgroup)

- test
 - Databases - last two months
 - People - last 2 months
 - Organisations - last 2 months
 - DBs flagged for listing
 - Databases (all)
 - Persons and Support
 - Persons with interactions
 - Recent interactions
 - User Support Time
 - Notes - letter of support
 - People - recent
 - another another

Faceted search
Search with rules
RuleSet

Christina Han

Given name(s) Christina
Project Title Comparative Spatial Histories of Brantford's Early Immigrant Communities (1900-1920)
Family name Han
Email address chan@wlu.ca
Organisation WLU Wilfrid Laurier University [Brantford, Canada] Public University
Representative picture christina_han.JPG [33kB]

Description
I am interested in using Heurist to create a mapping project on immigration history of the city of Brantford, 1900-1920, focusing on the Armenian, Italian and Chinese communities. I am envisioning something that will look like Digital Harlem.

Ian supplied: Heurist will be used to store all primary data (including image scans and interviews) in their original form), as well as documentation and the results of analyses carried out. Its security model allows for selective publication. It has in-built capabilities to ensure ongoing data management and website service for as long as the underlying service is maintained, along with immediate generation of complete and fully self-documenting archive packages for deposit in appropriate digital archives[MW1]. These packages also allow regeneration on a new server should this become necessary

Honoric A/Prof.
Level of Database Experience 1. less than 1 yr experience, limited or no SQL

Ian Johnson PhD field notes

 **The Getting of Data: field notes** [Web site editor](#) [site owner](#)

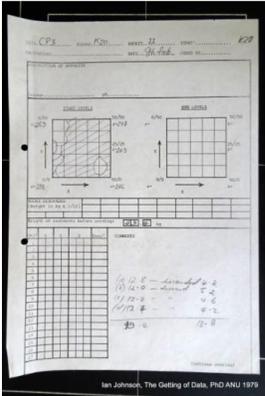
[Discover \(search\)](#) powered by  Heurist at: The University of Sydney

The Getting of Data

Fieldwork notes from Ian Johnson's 1980 PhD thesis, Australian National University

Data recording forms for excavations at Capertee, NSW in 1978

Go to the [Discover \(search\)](#) page to view forms



Ian Johnson, The Getting of Data, PhD ANU 1979

For further information please contact: ian.johnson@sydney.edu.au

filter: Field Note scans **DMI/Field Notes scans** [Not selected](#)

[Reset all](#) [Close](#) [Share](#) [Reorder](#) [Collect](#) [Recode](#) [Share](#)

n = 10

Site
Capertee 3 10

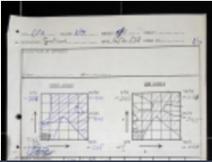
Square
K19 10

Bucket number

Recorder
no values

Record View [List View](#) [Map-Timeline](#) [Map new](#)
[Custom Reports](#) [Network Diagram](#) [Crosstabs](#)

Capertee 3, K19 Bkt 1 [FieldRecordsScans/Capertee3/K19/583-DSC02744.JPG] ID:4
Type 5: DMI/Field Notes scan



The Getting of Data: field notes [Web site editor](#) [site owner](#)

[Discover \(search\)](#) powered by  Heurist at: The University of Sydney

Discover (search)

The Getting of Data

Fieldwork notes from Ian Johnson's 1980 ANU PhD thesis "The Getting of Data"

Field Note s... [Close](#)

n = 704 1 2 3 4 5 6 7 8

Site
Capertee 3 704

Square
K19
K20
K21
L19
L20
[show more](#)

Bucket number

Recorder

Capertee 3, K19 Bkt 1 [FieldRecordsScans/Capertee3/K19/583-DSC02744.JPG]
Capertee 3, K19 Bkt 2 [FieldRecordsScans/Capertee3/K19/584-DSC02745.JPG]
Capertee 3, K19 Bkt 3 [FieldRecordsScans/Capertee3/K19/584-DSC02746.JPG]
Capertee 3, K19 Bkt 4 [FieldRecordsScans/Capertee3/K19/584-DSC02747.JPG]
Capertee 3, K19 Bkt 4 [FieldRecordsScans/Capertee3/K19/584-DSC02748.JPG]
Capertee 3, K19 Bkt 5 [FieldRecordsScans/Capertee3/K19/584-DSC02749.JPG]
Capertee 3, K19 Bkt 6 [FieldRecordsScans/Capertee3/K19/584-DSC02750.JPG]





Tree view

- ▾ Design
 - Record Types Editor
 - Browse Templates
 - Visualise
 - Vocabularies Editor
 - Base Fields Editor
- ▾ Import Data
 - Delimited Text
 - Zotero Synchronisation
 - Import Hyperlinks
 - Import XML/HML
 - Import KML
 - Import Images
 - Index Multimedia
 - Harvest Emails
 - Multi-File Upload
 - The Bookmarklet Tool
- ▾ Explore
 - Search & Filter Data
 - Record View
 - Map View
 - Report View
 - Network View
 - Cross Tabulation
 - Transforms
- ▾ Publish
 - Website

Welcome to Heurist

Your interaction with Heurist is via the Home Screen.

The **Home Screen** provides access to all of the features a typical user will require in order to build a database and add, edit, view and analysis its data. Much of the power of Heurist lies just beneath the surface, in the various menus, context menus and hyperlinks.

The screenshot shows the Heurist web interface. At the top, there is a navigation bar with the Heurist logo, version 'v5.2.13', and the current page 'Heurist_Help_System'. On the right of the navigation bar are links for 'Help' and the user 'Jarrah Sastrawan'. Below the navigation bar is a toolbar with icons for 'Structure editor', 'Add a new record', 'Add a Person', 'Browse templates', 'Import spreadsheet ...', 'Persons search', 'Set your preferences', and 'Edit website'. The main content area is divided into a left sidebar and a main panel. The sidebar has sections for 'Design', 'Import', 'Explore', 'Filters', and 'Saved filters'. The main panel shows a 'Filtered Result' table with a search filter and a 'FILTER' button. Below the filter are buttons for 'Selected', 'Collect', 'Recode', 'Share', and 'Reorder'. The table lists 526 results, with the first few items being: '. Tree view (Menu page)', '. Delimited Text (Standalone page)', '. Overview (Menu page)', '. Query Syntax (Menu page)', '. Admin (Menu page) Database, Settings', '. Explore (Menu page) Search & Filter Data, Record View, Map View, Report View, Network View, Cross Ta...', '. Publish (Menu page) Export & Archive Data, Website', '. Import (Menu page) Import Data', '. Design (Menu page) Structure', '. Omeka S (Menu page)', '. Advanced Documentation (Menu page) Query Syntax, Omeka S, Resource Class, Mapping, Database s...', '. Search help pages (deprecated) (Menu page)', and '. JSON Filter Syntax (duplicated) (Menu page)'. The right side of the main panel is currently blank, showing a 'Record View' tab selected.

Add job

n = 10



Saved Filters

- Website filters** (workgroup)
 - Tasks by facets
 - Special lists**
 - Modified in last hour
 - Modified in last day
 - Modified in last week
 - Unassigned tasks
 - Tasks manually ordered
 - Completed tasks
 - Completed tasks (all)
 - Scale**
 - 1 - Minor
 - 2 - Small (10 - 30 mins)
 - 3 - Moderate (<=1hr)
 - 4 - Significant (1 - 3 hrs)
 - 5 - Large (<= 1 day)
 - 6 - Very large (1 - 5 days)
 - 7 - Extensive (> 1 week)
 - Time TBD
 - Severity**
 - 1 - Fatal
 - 2 - Severe
 - 3 - Incorrect
 - 4 - Significant glitch
 - 5 - Unexpected behaviour
 - 6 - Workflow issue
 - 7 - Minor cosmetic
 - 8 - Simple cosmetic (wording etc.)
 - 9 - Below threshold
 - 10 - Cleanup / background

- When you add a term within the tree it adds in the quick-term-add form and then opens for edit. This is overkill.
- Also this form is only intended for quick addition while editing, not for use within the tree structure. It should be adding the term directly in the form in the tree

Assigned Interface cosmetics developer

6 - Workflow issue 3 - Moderate <= 1hr 4 Normal priority

ID 85 12-11-20 db: not yet set 04 Structure.Term lists

Vocabularies + Add

- Bug Priority
- Country
- Deadline quality
- Derivatives (relation)
- Document (relation)

Terms + Add Ref drag to move merge

Severity 1	Critical - Loss of service or main functionality
Severity 2	Major - Major functionality impaired
Severity 3	Minor - Partial loss of functionality
Severity 4	Cosmetic

Add Term to vocabulary "Bug Priority"

Term (label):

The term in human-readable form. Dropdowns are ordered alphabetically within each tree branch. Precede terms with 01, 02, 03 ... to control order if required.

Description:

A concise but comprehensive description of this term or category.

Standard code:

A domain or international standard code for this term. Can also be used for a local alphanumeric code for data import or ordering.

MORE

Close

XML import: "There are missing fields" message: need instructions [id: 65]

Edit

XML import: "There are missing fields" message: need instructions [id: 65]

Need more info to help user solve this problem "Please edit the XML file and search for the IDs indicated as missing. Assigned Johnson

7 - Minor cosmetic 2 - Small 10 - 30 mins 4 Normal priority

ID 65 12-11-20 db: not yet set 12 Data Import.XML / JSON

Source database: id: 1317 name: AER_Heurist_Joblist_to_2013

Download definitions from the source database is performed. However 1 field type still cannot be matched to the target database as shown below.

ID read from file	Rec count	Name	ID in this db
2-10	6	Person	10
8-23	11	Task (Feature, Bug, Issue)	56

field types issues:
3-249

not found

There are missing fields. Import is not allowed.

French Book Trade in Enlightenment Europe

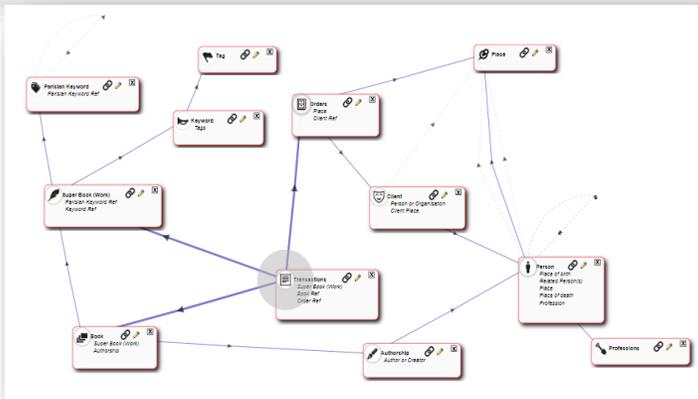
The screenshot shows the Heurist database interface. At the top, it displays 'HEURIST v1.10' and 'Johns_Book_Trade_Prototype'. The main area is divided into several sections: 'Saved Filters' on the left, a central search and filter area with 'sortby: -m' and 'Filter' buttons, and a list of records on the right. The records list includes titles like 'Höflich, Paul Henri Dietrich [4] [Primary]' and 'LFB Catalogue 1787'. The interface is hosted by 'The University of Sydney'.

Simon Burrows
Western Sydney University

Developed over last 10 years
 → Heurist 2020
 → This database + website developed in 2 person-days

The screenshot shows the header of the 'FBTEE French Book Trade (prototype)' website. It features the 'FBTEE' logo, navigation links for 'Discover (search)', 'About', and 'Contacts', and a 'Powered by Heurist' badge. The website is hosted by 'The University of Sydney'.

This screenshot shows a search results page on the FBTEE website. On the left, there are search filters for 'Manuscript type', 'Balle number', 'Order place', 'Order Country', 'Client # of documents', 'Client type', and 'Client partnership'. In the center, a map of Europe highlights the region around Paris, France, with a pop-up window for record ID 30652. On the right, a list of orders is displayed, including details for order ID 30652: 'Order: or0008256 | 28 May 1786 | cl0604', 'MS#: 1028, Type: Cache, No', 'Client: Besançon, l'abbé Etienne Modeste', and 'Dates: [20 Sep 1779 - 21 Dec 1784]'.



1960s/70s film database, Lindsay Mattock, U of Iowa

- >9,000 records
- Films, Rentals, Screenings

The screenshot displays the HEURIST v4.2.19 interface. At the top, there are navigation tabs: 'Manage', 'Add Data', and 'Filter-Analyze-Publish'. Below these is a search bar with 'sortby:-m' and a 'Filter' button. The main area is divided into a 'Filtered Result' sidebar on the left and a map on the right. The sidebar lists various records with icons for location, date, and source. The map shows the United States and Europe with blue and yellow circular markers indicating data points. A red banner at the top right of the map reads: 'These results are limited to 2000 records (limit set in your profile Preferences) Please filter to a smaller set of results'. At the bottom, a timeline shows years from 1962 to 1973, with a 'Current query' section displaying a list of film titles and their associated years and sources.

Heurist has been a life-saver for this project. I have been adding the relationships manually, but the import of the records has saved hours. The ability to add geolocation data has been extremely helpful as well. I also appreciate the ability to define a source and a certainty for the relationships between records. We have been struggling with how to maintain this relationship cleanly in the previous version of the database.

Phoenix Project (MARTA line rescue archaeology, Atlanta)

The screenshot shows the HEURIST project management interface. At the top, the HEURIST logo and project name 'Phoenix Project' are visible. The interface includes a sidebar with navigation options like 'Database Overview', 'PERSONAL', and 'NOTIFICATIONS'. The main area displays a grid of site markers with details such as '9000 - 9000 of Loc', '9001 - 9001 of Loc', and '9002 - 9002 of Loc'. A large image of a yellow artifact is shown in the center. Below the grid, a map view shows the project location in Atlanta, Georgia, with a legend for 'MARTA Station', 'MARTA Rail', 'Street', and 'Archaeology'.

This is a photograph of a historical document titled 'GEORGIA STATE UNIVERSITY ARCHAEOLOGICAL SURVEY'. The document is dated 'March 20, 1970' and is for 'Site No. 90A90'. It contains a detailed site plan with various structures and features labeled. The plan includes a 'MARTA Station' and 'MARTA Rail' line. The document also includes a legend and a scale bar. The text on the document describes the site's location and provides details about the structures and features.

This is a site overview map for '90A90 Site Overview'. The map shows the site's location relative to the MARTA Station and MARTA Rail line. It includes a legend for 'MARTA Station', 'MARTA Rail', 'Street', and 'Archaeology'. The map also shows the site's boundaries and the location of various structures and features.

This is a screenshot of a digital document viewer showing a historical document. The document is titled '90A90 Site Overview' and contains a detailed site plan with various structures and features labeled. The plan includes a 'MARTA Station' and 'MARTA Rail' line. The document also includes a legend and a scale bar. The text on the document describes the site's location and provides details about the structures and features.

Women and books between 1400-1500

The screenshot displays the HEURIST database interface for editing a book record. The main window is titled "Edit Book" and shows the following details:

- Book ID:** 2179, **DUBL-103**
- Identifier:** DUBL-103
- Library:** Dublin: Trinity College Library
- Signature:** 103
- Book type:** Manuscript
- Material:** Parchment
- Date of book:** 1450-1500
- Number of pages:** i + 167 (+ 1 blank)
- Size:** 203 x 138 (116 x 80) mm
- Language:** Dutch, Latin
- Author of text:** select : Person
- Text:** select : text
- Genre:** Book of Hours
- Owner:** Livina van Bronchorst. 1600 - 1700

The right-hand panel shows the following sections:

- People involved:** Owner: Livina van Bronchorst. 1600 - 1700
- INSTITUTIONS:** Institution: Add Relationship; Location of production: select : Place; Possibly location of production: Gent
- EXTRACTS:** Colophon, Owners mark (Livina van Bronchorst and Bronchorst (fol. 1; both 17th c.)), Marginalia, Decoration
- Content:** Hours, partly in Dutch and partly in Latin (headings are frequently in Dutch), use of Rome (Fols 2-167v)
- Binding:**
- Comments:** Fol. 167v has, stuck to the page, a circular emblem (60mm in diameter) representing a skull, a coffin, and a bone, with this inscription running round near the rim: "In desen spiegel soe mach ik leren hoe ik my sal van sonden keren" (15/16th century). Pale shades of red, blue, green, and yellow are used in the device. Concerning this memento-mori device see J. H. Marrow, 'Essays in Northern European Art Presented to Egbert Haverkamp-Begemann on his Sixtieth Birthday', (Doomspijk, 1983), 154-163 with fig. 1. The codex was acquired by the Fagel library in 1802 (Fagel catalogue, number 1578). For other van Bronchorst manuscripts see Sotheby's catalogue for 10 December 1980, lot 65 and Quaritch catalogue 1088 (1988) number 85.
- REFERENCES:** Digital copy / online description: <https://manuscripts.catalogue.tcd.ie/CalmView/Record.aspx?src=CalmView.Catalog&id=IE+TCD+MS+103&pos=9> [accessed: 7 Jul 2020]

The sidebar on the left shows "Saved Filters" with categories like "Religious Order", "Type of Convents", "Libraries", "People", and "Organisations". The "Books from Women" filter is selected.

Patricia Stoop assisted by Jef Peeraer, University of Antwerp

Time-Layered Cultural Map of Australia

TLCMAP Time-Layered Cultural Map of Australia
Powered by Heurist hosted by: The University of Sydney

Discover My Maps Contribute Create

Discover

Select datasets and click buttons to add to the collection and to map the collected datasets. The maps you create can be saved for future use and embedding in an external website. [Register a dataset](#)

TLCMap Datasets
My Datasets only

Simple search
Search everything:

Collection: 3 datasets [Add](#) [Remove](#) [Clear](#) [Create Map](#)

- Australian Government Indigeverment Indigenous Programs & Policy Locations ...
- Australian States (block polygates (block polygons) : Vector, Single date snapshot ...
- Fairy Forts Historical and Indijstorical and Indigenous Sites : Vector, Date range ...

n = 11

- Australian States (block polygons) : Vector, Single date snapshot
Personal interest 2. Coherent Selected
- Bromley Real Estate : Raster, Single date snapshot, 1930
interest 2. Coherent Selected
- China mosques zipped : 1. Vector, Date range snapshot, 1900
interest 2. Coherent Selected
- Fairy Forts Historical and Indigenous Sites : Vector, Date range
- 500 1. Personal interest 2. Coherent Selected
- Fairy Forts Ravenshead to Cross Maglen without line : Vector,
snapshot, 200 BCE - 500 1. Personal interest 2. Coherent Selected
- Fire insurance map depicting 1897 Manhattan : 1. Vector, Single d. Edit
1897 - 1. Personal interest 2. Coherent Selected

Leaflet | Map data © OpenStreet

TLCMAP Time-Layered Cultural Map of Australia
Powered by Heurist hosted by: The University of Sydney

Discover My Maps Contribute

Preview mapspace

To save this map for future access or embedding in websites, enter a title and click Save Map. We suggest using a concise but informative title. The map layers and style can be edited later.

Map title [Save Map](#)

The map is saved in the **TLCMap UserMapSpaces** database, accessible via **My Maps**

Discover My Maps Contribute Create

Leaflet | Map data © OpenStreetMap contributors, CC-BY-SA, Imagery © Mapbox

NY Suffragettes



Mapping the Suffrage Metropolis

Powered by Heurist hosted by: The University of Sydney

[site owner](#)

ABOUT

HELPFUL INFORMATION

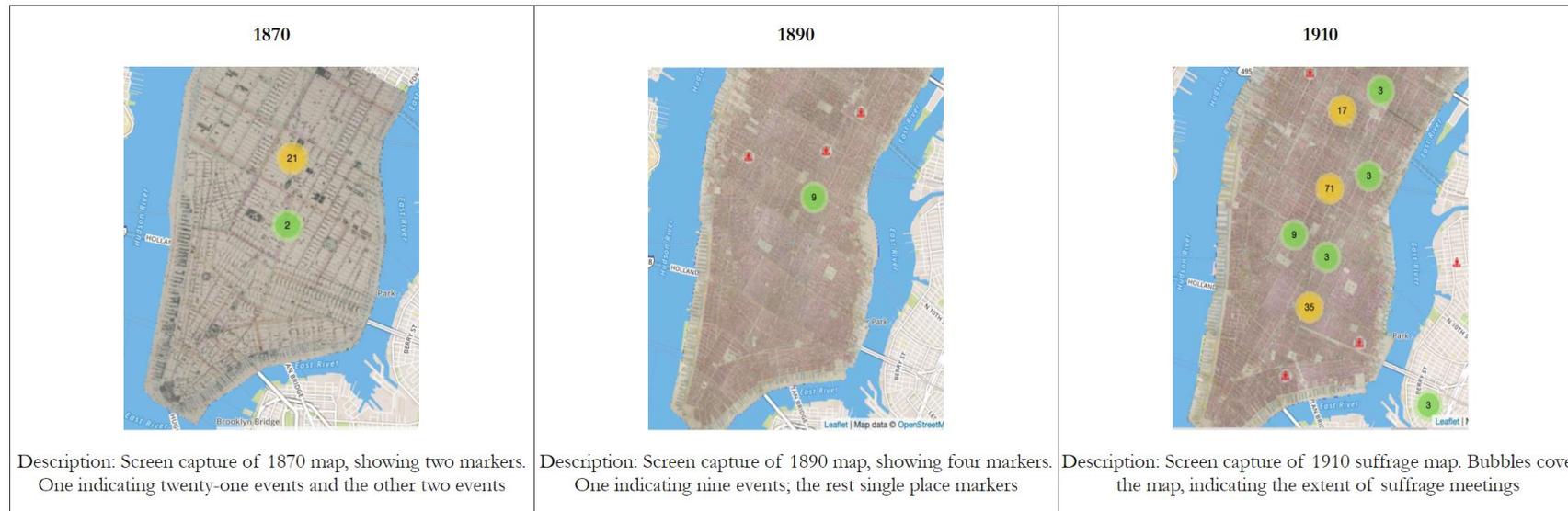
CAMPAIGNS

HOW TO SEARCH

DATA DECISIONS

TROUBLESHOOTING

This digital project explores how suffragists approached New York City from 1870 to 1917, the year New York State eliminated manhood as a criteria for voting. It layers spatial data onto georeferenced fire insurance maps, making that data searchable to isolate key variables and empower users to locate new patterns.



Currently, all the data has been collected and is being cleaned. The 1870, 1890, and 1910s draft maps are available, though they continue to be revised and updated.

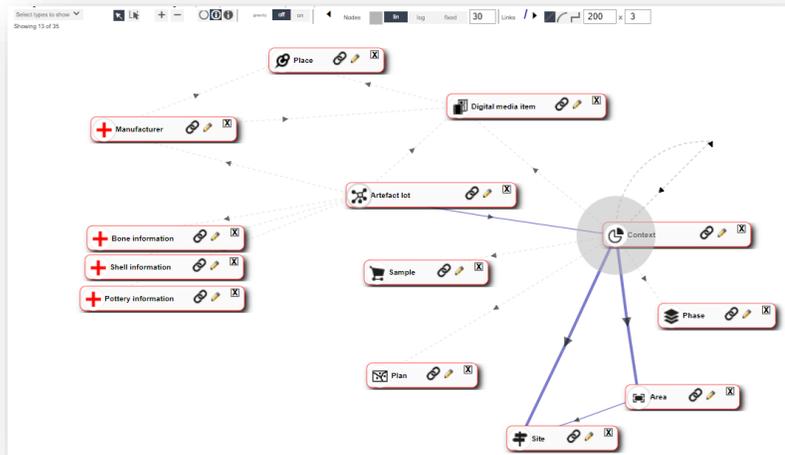
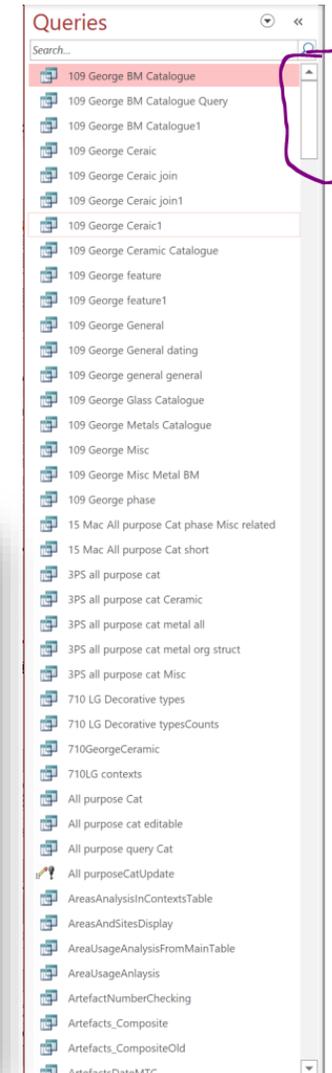
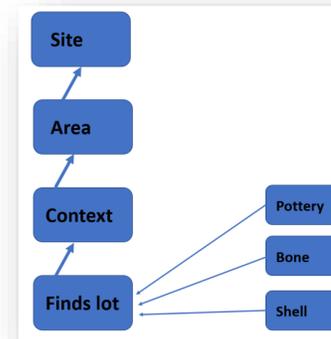
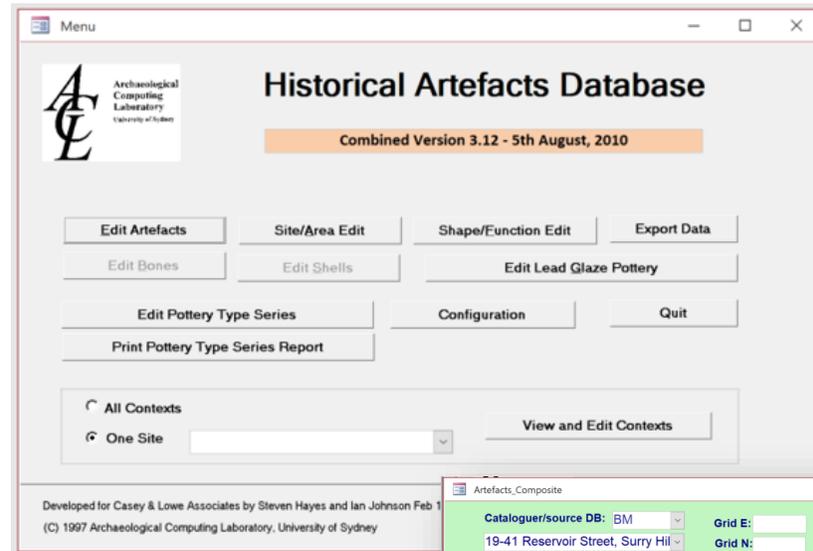
About Heurist

Heurist (HeuristNetwork.org) is a free, flexible, open-source data management application developed specifically for researchers in the Humanities. Heurist allows researchers to design, build, analyse, visualise, publish and archive their own databases without coding or technical support. Heurist is available as free, non-commercial web services available to researchers worldwide. Please visit the website to find a service in your region. Heurist has been developed at the University of Sydney, Australia since 2005 in collaboration with dozens of research projects. The source is available on [GitHub](https://github.com).

Lauren Santangelo, Princeton

Casey and Lowe P/L Historic Excavation Finds

- MSAccess 1987
 - 100 sites
 - 18,000 contexts
 - 140,000 artefacts
- → Heurist 2020



Saved Filters

right-click in list for menu

My Filters (private)

- Recent changes
- All (date order)

Database Managers (workgroup)

- Ships
- Persons
- Places
- People
- People from Mexico
- Campeche - New Orleans

- Faceted search
- Search with rules
- RuleSet

dpmck_us_mexico_travelers

sortBy: -m



+ Add Record

Define Parameters Add Record

filter help entity types

Filtered Result

Selected Collect Recode Share Reorder

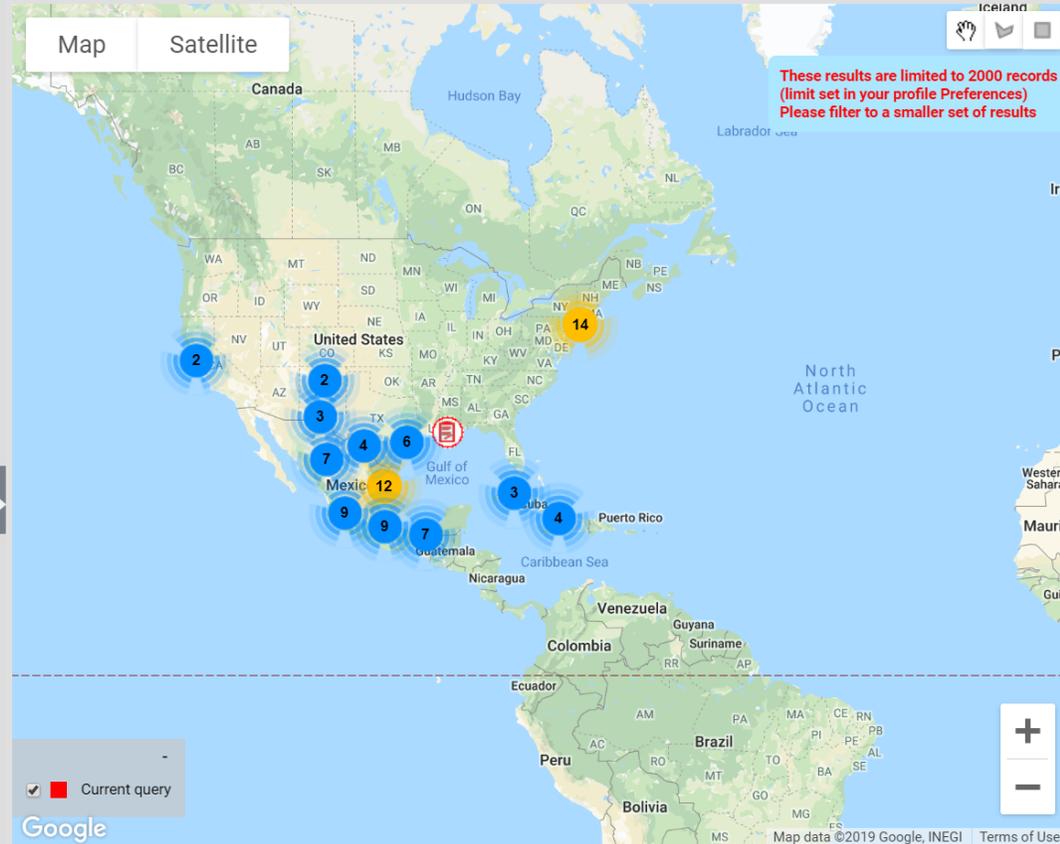
n = 4287 1 2 3 4 5 6 7 8 ... 43

Save Filter

		Solomon Houck 1 Mar 1832 Carta de Seguridad
		Houck, Solomon (United States)
		Jesse Sutton 1 Mar 1832 Carta de Seguridad
		Sutton, Jesse (United States)
		George Knox 1 Mar 1832 Carta de Seguridad
		Knox, George (United States)
		Joseph Knox 1 Mar 1832 Carta de Seguridad
		Knox, Joseph (United States)
		Henry Connelly 1 Mar 1832 Carta de Seguridad
		Samuel Howland 1 Mar 1832 Carta de Seguridad
		Howland, Samuel (United States)
		Auguste Storrs 1 Mar 1832 Carta de Seguridad
		Storrs, Auguste (United States)
		Gentry Floyd 1 Mar 1832 Carta de Seguridad
		Floyd, Gentry (United States)
		Joseph Morehouse 1 Mar 1832 Carta de Seguridad
		Morehouse, Joseph (United States)
		Henry O'Hara 1 Mar 1832 Carta de Seguridad
		O'Hara, Henry (United States)
		Thomas Binns 1 Mar 1832 Carta de Seguridad
		Binns, Thomas (United States)
		Richard Stowers 1 Mar 1832 Carta de Seguridad
		Stowers, Richard (United States)
		Joseph Payne 1 Mar 1832 Carta de Seguridad
		Payne, Joseph (United States)
		Henry Foley 1 Mar 1832 Carta de Seguridad

Record View Map-Timeline Map new Custom Reports Export Network Diagram Crosstabs

Map document: Select...





EXPLORE THE DATA (BETA)

[MIMC Database](#)

[Explore the Travel Sheet](#)

[Mapping the Community](#)

ABOUT

MAPPING THE INDEPENDENT MEDIA COMMUNITY

The availability and affordability of 16 mm film and video technology spurred production of amateur, independent, and underground film and video during the 1960s and 1970s. While histories have focused on the efforts of individual artists, the growth of independent media production throughout the mid- to late-twentieth century was supported by a network of organizations, including museums, archives, artist collectives, and equipment access centers designated as Media Arts Centers. Scholars studying film and media history have overlooked the Media Arts Center Movement and its impact on non-commercial media production in the United States. Mapping the Independent Media Community aims to correct this problem by developing digital tools for visualizing data related to the Media Arts Center Movement and the production, distribution, exhibition, and collection of independent media in the United States and abroad.

The MIMC project was initiated in 2014 as a collaboration with Carnegie Museum of Art's (CMOA) [Time-Based Media Project](#). The first phase of CMOA's project, completed in mid-2014, centered on assessing and cataloging the film, video, audio, and computer-based media artworks in the museum's collection, while the second phase has focused on preserving these assets and ensuring their long-term sustainability. This second phase, concluded in 2017, involved the preservation of materials found in the archive of the Department of Film and Video, which was active at CMOA between 1970 and 2003 and responsible for acquiring many of the pieces in the museum's time-based media collection. The finding aid for the Department of Film and Video Archive and digitized documents from the collection are now available through the [CMOA Archives](#).

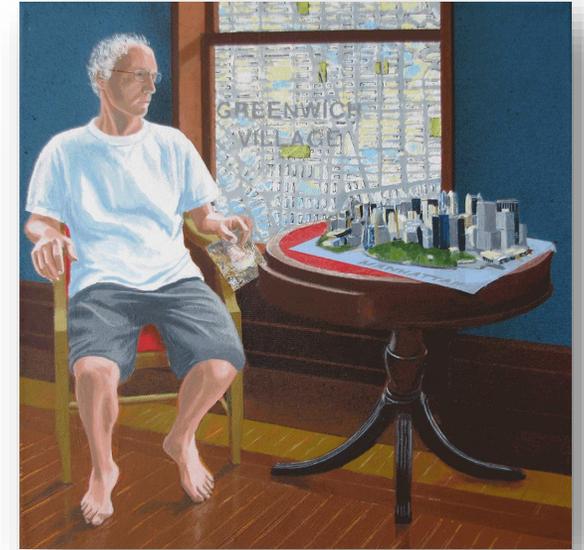
The archives of the Department of Film and Video include the *Film and Video Makers Travel Sheet*, a monthly publication that aimed to "encourage and facilitate wider use of exhibition and lecture tours by film and video makers." The *Travel Sheet* served as a social networking tool connecting media artists and the organizations willing to support their work by listing of artist's tour dates and locations, contact information for organizations, advertisements for new works in film and video, and announcements of interest (festivals, conferences, funding information, and employment opportunities). The MIMC project has transformed the *Film and Video Makers Travel Sheet* from a static resource into a relational database using the [Heurist Academic Collaborative Database](#). The MIMC database currently contains the data from the *Travel Sheet* issues published between 1973-1977 and the 1975 *Film and Video*

Manhattan Artists (1940s)

The screenshot shows the HEURIST v4.10 web application interface. The search criteria are set to 'pollo'. The main content area displays a list of records under the heading 'Pollock relationships'. The records include:

- Commissions -> Pollock, Jackson (1912 - 1956)
- IsMarriedTo : Krasner, Lee (27 Oct 1908 - 19 Jun 1984)
- Jackson Pollock's 1st Manhattan Studio
- Jackson Pollock's 2nd and final Manhattan Studio
- Jackson Pollock's 3rd (Houston St) Manhattan
- Jackson Pollock's Hampton Studio
- Meets : Krasner, Lee (27 Oct 1908 - 19 Jun 1984)
- Number 11 (1952) by Pollock, Jackson (1912 - 1956)
- Pollock, Paul Jackson (28 Jan 1912 - 11 Aug 1956)

The interface also includes a sidebar with navigation options like 'Database Summary', 'Rule Sets', 'PERSONAL', 'My Filters (private)', 'WORKGROUPS', 'Database Managers', and 'Other users'. A map view is also visible, showing the location of Jackson Pollock's 3rd (Houston St) Manhattan Studio.



Economic model

The 'rich'
(projects with grants)

support
the 'poor'
(new projects,
students etc.)

Open Source

Fred Limp, Arkansas Archaeological Survey
"Multi-agency model" ~1983

Collaboration (e.g. with funded projects)

Voluntary support

Contracts

} hybrid solutions



Sustainability MAD Mutually Assured Destruction_{dependence}

- Databases and websites will continue to work as long as the Heurist software and the specific server is maintained
- Databases generate (in 3 clicks) a self-documenting archive format for deposit or transfer to a new system
- The shared software has been backwards compatible since version 3 (2009)

FAIMS: Field Acquired Information Management Systems Project

FAIMS PROJECT

About FAIMS Project | About | Our Products | Support | Research | Contact | Getting Started | News

A new generation of digital data collection tools!

From collecting data in the field, to interpreting and analysing, to sharing and archiving – FAIMS provides a solution.

FAIMS is a suite of digital tools for all stages of the digital data collection lifecycle. Flexible and scalable, FAIMS is designed to work with any workflow, ontology or standard. FAIMS is so flexible it can be used with any research discipline involving fieldwork data collection.

FAIMS Mobile Platform

Collect information digitally in the field using the FAIMS Mobile Platform. Use an Android mobile device running the FAIMS app and sync data to an on-site server for doing fully offline GIS.

[ABOUT FAIMS MOBILE PLATFORM >>](#)

FAIMS Web Tools

Analyse and visualise your data collected in the field using the FAIMS Web Tools suite. Heurist is ready to use now and more tools are in the pipeline.

[ABOUT FAIMS WEB TOOLS >>](#)

FAIMS Repository

Preserve your data and make it available to other researchers. Powered by the proven IDAR platform, FAIMS Repository is the place to archive, protect and share your data.

[ABOUT FAIMS REPOSITORY >>](#)

FAIMS Mobile Platform

Make your fieldwork digital

Spend less time digitising and more time learning from your data.

COLLECT + SYNC YOUR DATA



Data is automatically synced and backed up, offline and on-site. If you have an internet connection, you can also sync to the cloud. The FAIMS Mobile Platform records a full history of all data collected and any changes made. It can be tailored to work with any workflow, ontology or standard. Contact us for a demonstration and for more information about how the FAIMS Mobile Platform can make your fieldwork easier.

FedArch.org

FAIMS Community Server DESIGNER VIEW

Build FAIMS Project

This function writes a set of FAIMS project definition files (db schema, ui schema, ui logic, A16N) to a zip file, based on the record types selected from the Heurist database. These files can be loaded into the FAIMS server to create a new module.

Project name:

Please select **ONLY** entity (record) types which you want to be represented as top level tab groups.

Any entity which is referenced by a pointer or relationship marker within these entity types (eg. a site within a project, a context within a site, an artefact, sample or feature within a context) is indicated by >> and will be included automatically in the appropriate locations. The Form column shows whether a data entry form will be included in the app.

Entity Group	TabGrp	Form	Record type >>	record types referenced
Basic record types	<input type="checkbox"/>	<input type="checkbox"/>	Aggregation >>	Person, Organisation
	<input type="checkbox"/>	<input type="checkbox"/>	Context Relationship >>	Person, Organisation
	<input type="checkbox"/>	<input type="checkbox"/>	Digital media item >>	Person, Organisation
	<input type="checkbox"/>	<input type="checkbox"/>	Interpretive annotation >>	Person, Person, Organisation
	<input type="checkbox"/>	<input type="checkbox"/>	Media file >>	Person, Organisation
	<input type="checkbox"/>	<input type="checkbox"/>	Web site / page >>	Person, Organisation
	<input type="checkbox"/>	<input type="checkbox"/>	Notes >>	Person, Organisation, Digital media item
	<input type="checkbox"/>	<input type="checkbox"/>	Survey POI >>	Person, Organisation, Survey Unit
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Survey record >>	Person, Organisation, Survey Unit
	Survey	<input type="checkbox"/>	<input type="checkbox"/>	Survey sample
<input type="checkbox"/>		<input checked="" type="checkbox"/>	Survey Unit	
Archive	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Organisation	
	<input type="checkbox"/>	<input type="checkbox"/>	Resource >> Per	
	<input type="checkbox"/>	<input type="checkbox"/>	Resource Item >>	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Page Notes >> P	
Draft Records	<input type="checkbox"/>	<input type="checkbox"/>	Person >> Digital	
	<input type="checkbox"/>	<input type="checkbox"/>	Stratigraphic Un	
	<input type="checkbox"/>	<input type="checkbox"/>	Artefact Group	
Excavation	<input type="checkbox"/>	<input type="checkbox"/>	Context >> Pers	
	<input type="checkbox"/>	<input type="checkbox"/>		

Select additional top level tab groups for your app:

Control tab

- Start/stop synchronising (always on if not checked)
- Start internal GPS (on from start if not checked)
- Connect to External GPS (leave unchecked if not needed)
- Switch tracklog on/off (tracklog unavailable if not needed)

Map tab

- Ordnance survey 1:25K [tiled]
- Claire's sketch map [tiled]
- New road alignment [KML]

[START EXPORT](#)

FAIMS

GEN TECHNICAL INFORMATION

Title XML

Creator Johnson Ian

Date 1 December 2014

Media file 9868bec2-8610-4c33-a74d-a76b25243bd5_ui_schema.xml

[Browse Organisation](#) [Browse Person](#)

FAIMS

GEN TECHNICAL INFORMATION

Media file 9868bec2-8610-4c33-a74d-a76b25243bd5_ui_schema.xml

[Attach File](#)

Thumbnail image image-1417431279457

[Take Picture](#)

Description

Context

GENERAL CUT REL INT ADD

Site Code: FAIMS13 Area Code: placeholder Grid Location Reference: ?

(Context_Number): ? Context Name: ?

Context Type: [C] [A] [?]

No Observation Cut Deposit

Context Comments: ?

Date Opened: ? 2013-12-06

Excavation Method: ?

Extreme programming/permanent beta

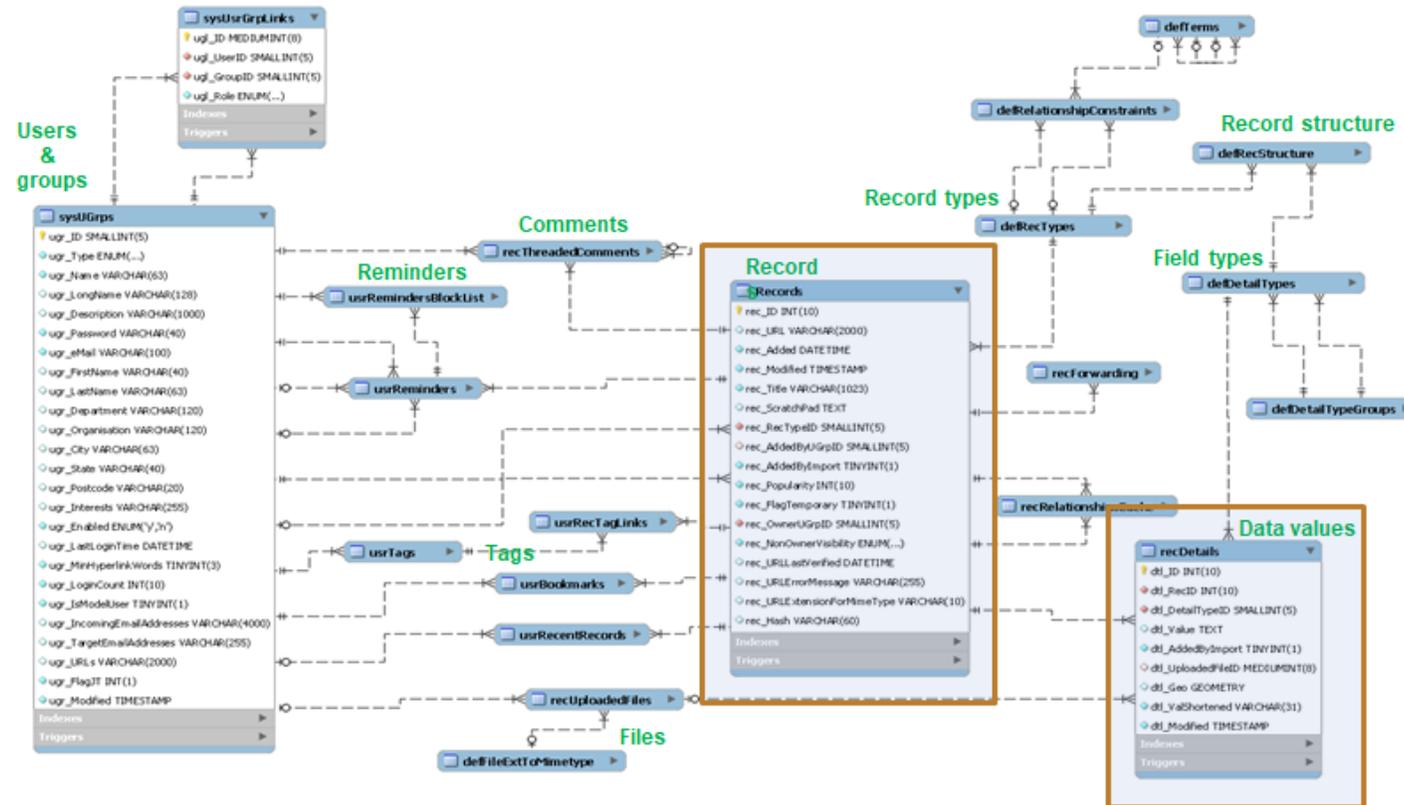
- Research-driven development
- Dictionary of Sydney (ARC Linkage Grant \$1.5M 2006 – 2009)
- Soutien du labo par l'Université
- Collaboration/subventions ARC/petits projets
- Des dizaines de projets ont contribué à l'élaboration du logiciel actuel
- Le paysage des DH est infini ...

Structure des bases MySQL

- Tous id détaillé
- Schéma
- Perme
- Structu
- Logicie

Heurist database design (simplified, Heurist Vsn 3 & 4)

mentation



es

Constructed titles

a 'bibliographic' reference for each record

Finds Set subset

filter FILTER

filter help

Selected Collect Recode Share Reorder

n = 142442 1 2 3 4 5 6 7 8 .. 2849

- Res - Area A - - #2 - Miscellaneous : wheel, trans/indust, vehicle/mach rubber, partial. Bx, 1/3
- BUL - Area C - - #12 - Architectural/ Building Materials : tile, archit, finish, few, Not defined. Bx, 1/1
- GRNCLF - All - - #24 - Architectural/ Building Materials : flat, archit, window, Not defined, frag. Bx 1, 1/4**
- BUL - Area C - - #60 - Metal : washer, archit, non-stru, fe, Not defined. Bx 12, 1/2
- CSR - Area A - - #2615 - Glass : tumb, food, tblw, glass, rim, bd. Bx 3,/7

Find ID: 65597 **GRNCLF - All - - #24 - Architectural/ Building Materials : flat, archit, window, Not defined, frag. Bx 1, 1/4**

Modify structure Show help Options fields Attributes Edit title mask Template Full report

Contextualisation

Category Arc
Context ►
Catalogue # 24
Source cataloguer Gla
Artefact ID (Access DB) 102
Box # or identification 1

Basic description **Date**

Shape flat
General function arc
Specific function win
Fabric materials + Not
Portion + frag

Proportion of portion
Distribution on fragments

of items 1
of frags 4

Record Type Title Mask Edit

Select fields to insert (add to record structure first)

- Record ID
- Record TypeID
- Record TypeName
- Record Modified
- Context
- Record ID
- Record Title
- Record TypeID
- Record TypeName
- Record Modified
- Area
- Record ID
- Record Title
- Record TypeID
- Record TypeName
- Record Modified
- Area name
- Area code (short name)
- Notes / description
- Context name
- Content description
- Lot #
- Phase name
- Phase number (Access DB)
- Section
- House number
- Mentioned in report
- Certainty of position in matrix
- Sieved

The title mask builds a composite title from fields in the record (see manual). Field values identified by [] are inserted into the mask, e.g. [Title], pp. [Start_Page]-[End_Page] might generate: "Alice in Wonderland, pp. 37-39"

The element names in square brackets should match field names for this record type. The constructed value is used as the extended title displayed in search results and other lists. To insert a literal square-bracket, use two consecutive square-brackets ([[or]]).

Build Mask: Insert fields Select fields in tree and click button to insert in mask at cursor position

[Context.Area.rectitle] - [Context.-Context number (Access DB)] - #[Catalogue #] - [Category.Term] : [Shape.Term] , [General function.Term] , [Specific function.Term] , [Fabric materials.Term] , [Portion.Term] . Bx [Box # or identification] , [# of items]/[# of frags]

Test mask

select from records of this type (if any exist) ...

Test

Save mask

Save mask Cancel

Workgroups / ownership

Admin

Database

- Open
- New
- Clone
- Properties
- Register
- Create archive package

Utilities

- Refresh memory
- Manage files
- Rebuild record titles
- Dashboard

Verify

- Verify integrity
- Potential duplicate records

Manage Users

- My workgroups
- Manage users
- Import user

Manage Workgroups

Find by Name Membership All Groups Sort by Name + Add New Group

Use filter criteria to narrow the list of groups. n = 11

ID	Name	Description	Members	Role	Edit
32	Adelaide Uni	Volunteers and staff of Adelaide University :	20		
48	Beyond 1914 website		4		
1	Database owners	This workgroup contains the administrators	3		
50	Expert Nation website	Workgroup for searches etc. required by E:	6		
12	Harvesting		4		
31	UniMelb	RAs adding information from the University	19		
39	UQ		9		
7	USyd		14		
40	UTas		9		
41	UWA		9		

Record addition settings

This settings will be applied and remembered when you select a record type from the list

Type of record to add: Digital media item

Record is editable by: Current user

Record is viewable by:

- User or group specified above
- Any logged-in user can view the record(s)
- Public - viewable for anyone in published live view including data export eg.XML requested without a login

Select Groups: Expert Nation website

ADVANCED

Add these tags: in Personal tags

https://heuristplus.sydney.edu.au/h6-ao/hclient/framecontent/recordEdit.php?db=Heurist_Life_Histories_Backup_100_records&rec_rect...&owner=current_user&rec_visibility=viewable&visgroups=50

Hyperlink this URL in a web page, browser bookmark or desktop shortcut to provide records

ADD RECORD SAVE

Current user

Any logged-in user

Current user

Ian Johnson

Database owners

USyd

Harvesting

UniMelb

Adelaide Uni

UQ

UTas

UWA

Beyond 1914 website

Expert Nation website

CSV Import Wizard / Matching / Normalisation

CSV / TSV files typically lead to lots of trouble reading files with errors, quotes, apostrophes, encoding issues etc.

- Error detection and reporting on initial upload
- Handles multi-line fields
- Handles quotes within quotes
- Multi-column key matching
- Extract multiple entity types
- Update and create records
- Build links between entities (record pointers)

The screenshot displays the 'Import Records from CSV/TSV' wizard interface. It is divided into several sections:

- Step 2: Matching and inserting/updating records**: This section includes instructions on how to progressively import columns for subsidiary entities. It features a 'Select record type' dropdown set to 'Tune', buttons for 'NEW UPLOAD', 'CLEAR DATA', and 'DOWNLOAD DATA TO FILE', and a 'Rows in memory: 314 Fields: 45' indicator.
- MATCH DATA AGAINST RECORDS IN DATABASE**: This section contains a 'Search / match' button and an 'Insert / update records' button. It prompts the user to select key fields for matching and provides a 'Column name to hold record IDs' field.
- Key fields table**: A table listing unique values for various fields, with checkboxes for selection. The 'form_record_id' field is checked.
- Importing > Records from CSV/TSV**: This sub-window shows the 'step 1: MATCHING' process. It includes a 'Match against existing records' button and options to 'Match on column(s)' or 'Skip matching (use Person H-ID)'. It also displays a table for 'Use value' and 'Unique values' mapping columns to fields.

Key field	Unique values	Column
<input type="checkbox"/>	314	form_record_id
<input type="checkbox"/>	229	Date Created
<input type="checkbox"/>	59	Date Modified
<input type="checkbox"/>	263	Title of pamphlet
<input checked="" type="checkbox"/>	6	Composer of tune
<input type="checkbox"/>	104	Notes
<input type="checkbox"/>	1	Image of pamphlet
<input type="checkbox"/>	8	Language
<input type="checkbox"/>	182	Location of printing
<input type="checkbox"/>	155	Date
<input type="checkbox"/>	164	Set to tune of ...
<input type="checkbox"/>	128	Synopsis
<input type="checkbox"/>	43	Keywords
<input type="checkbox"/>	31	Method of punishment
<input type="checkbox"/>	38	Crime(s)
<input type="checkbox"/>	4	Gender
<input type="checkbox"/>	17	Age of condemned
<input type="checkbox"/>	19	Date of first appearar
<input type="checkbox"/>	190	Location of pamphlet
<input type="checkbox"/>	80	Location of execution
<input type="checkbox"/>	62	Recorded in:
<input type="checkbox"/>	100	First two lines
<input type="checkbox"/>	37	Refrain
<input type="checkbox"/>	202	Transcription
<input type="checkbox"/>	21	Verse/metrical structure
<input type="checkbox"/>	69	Recording of tune
<input type="checkbox"/>	29	Image

Expansion rules

Define Faceted Search

Search for (entity type) search for more than one record types

This determines the record type which will be retrieved by the search. The facets can, however, be based on attributes of other record types linked from this type.

Faceted search name

Used in navigation tree (maximum 64 characters).

Save in work group

Use a shared workgroup if you want other people to be able to use your search.

Display full set of records prior to facet selection
Recommended on public websites unless too slow due to large number of records

Advanced

Show spatial filter

Show simple search

Preliminary filter

A Heurist filter string which extracts a subset of the database, to which the faceted search is then applied.

Show expansion only Exclude results from the initial filter, only show results from expansion rules
 return all expansion results only return last level of expansion

Expansion rules

Rules are applied to the result set after each selection. They expand the results to include connected records (entities). This expansion may be restricted to specific entity types, connection types or filters. Use rules to bring in information such as map location or dates for display on a map or timeline. Edit with the pencil icon on the right.

Public interface

Title in user interface

Used in user search interface (maximum 64 characters).

Result View Mode

Show close/exit button Label on exit button

Show expansion only Exclude results from the initial filter, only show results from expansion rules
 return all expansion results only return last level of expansion

Expansion rules

Rules are applied to the result set after each selection. They expand the results to include connected records (entities). This expansion may be restricted to specific entity types, connection types or filters. Use rules to bring in information such as map location or dates for display on a map or timeline. Edit with the pencil icon on the right.

Ruleset Editor

Starting point (entity type)	Relationship Field	Relationship Type	Target entity type	Optional Filter (query) for target type
Site	<< Area . Site	pointer	Area	<input type="text"/>
Add Step 1				
Area	<< Context . Area	pointer	Context	<input type="text"/>
Add Step 2				
Context	<< Find . Context	pointer	Find	<input type="text"/>
Add New Rule				

Result – all finds for selected sites

Having applied a filter, expansion rules will follow specified types of connections to find and display all connected records (with or without initial filter result and intermediaries)

filter: Select site --> Finds

Select site --> Finds

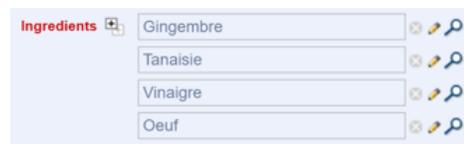
Selected

n = 1804

Site code (abbreviation)	Count	Details
109 GEO	1	109 GEO - Area A - -#26775 - Miscellaneous : button, pers, cloth, aes, face. Bx 1, 1/1
Site name		109 GEO - Area A - -#26777 - Miscellaneous : button, pers, cloth, bone, whole. Bx 1, 1/0
109 George Street	1	109 GEO - Area A - -#26778 - Miscellaneous : button, pers, cloth, aes, au, face. Bx 1, 1/1
Suburb		109 GEO - Area A - -#26779 - Miscellaneous : coin, economy, currency, aes, whole. Bx 1, 1/0
Parramatta	1	109 GEO - Area A - -#26780 - Miscellaneous : slate pencil, cleric, writing, slate, shank. Bx 1, 1/1
		109 GEO - Area A - -#26781 - Miscellaneous : pin, h'hold, sew, aes, shank. Bx 1, 1/1
		109 GEO - Area A - -#26782 - Miscellaneous : marble, rec, toy, few, whole. Bx 1, 1/0
		109 GEO - Area A - -#26783 - Miscellaneous : marble, rec, toy, few, whole. Bx 1, 1/0
		109 GEO - Area A - -#26784 - Miscellaneous : pipe, rec, smoking, kaolin, bowl, stem. Bx 1, 1/1

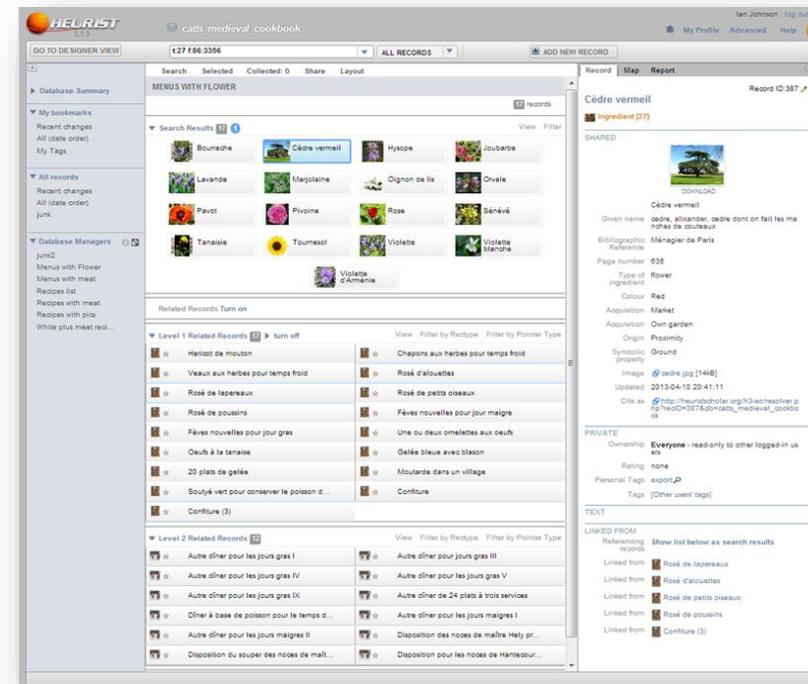
A simple project: Mediaeval Cookbook

1. Find the way to actually make possible these **connections** between these three tables by integrating in the second group parts of the first one, and this one on the third one, and the other way around.



2. Having an **interface** practically enough to be filled and appropriate to answer questions like: in which percentage an x ingredient is used, which combinations of ingredients are more common, which preparations are more related with fasting periods...

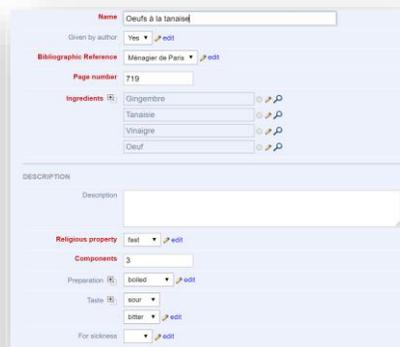
3. Filling the database **online** so that, once it's complete, it will be available for further researches on the topic



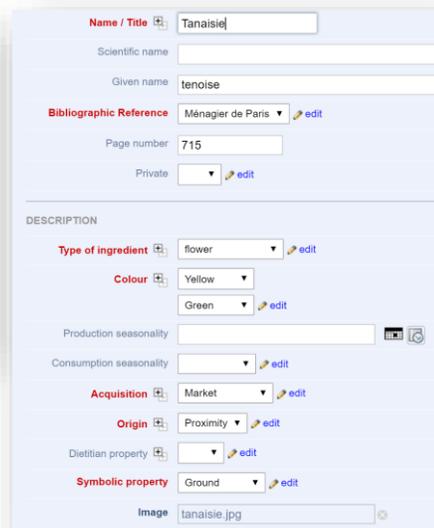
Interface Heurist version 3



Menu



Recipe



Ingredient

45 minutes
3 emails (~2hrs)
1 thesis ...

Acknowledgements

- **Staff 2018**
- Artem Osmakov (Programming)
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Use the free service at Sydney University (or others listed on this site) to build a new database in minutes and a complete application in hours. Design and build incrementally; existing data are not affected. Nor are you locked in; migrate later to a personal or institutional server, access data directly via SQL, or export to portable and internally-documented archive packages. Heurist is free and Open Source.

Whatever your field of study - History, Archaeology, Anthropology, Cultural Research, Linguistics, Media Studies etc. - Heurist handles everything from text, tags and categories, through networks of rich relationships and offset annotations, to images, video, spatial data and dating (including non-western systems and dating uncertainty).

Get results: Sophisticated searches (including faceted and rule-based filters) can be saved, organised and rendered as layered interactive maps, timelines, network visualisations, cross-tabulations, lists, custom reports, XML and XSLT transforms, all of which can easily be embedded live in a website created in Heurist's internal CMS, or in a personal or institutional website.

Designed by researchers, for researchers, Heurist reduces complex underlying decisions to simple, logical choices.

EXPLORE

GET STARTED - Create a free, fully-functional, online database in less than 5 mins

HeuristNetwork.org

Heurist is a free web service which allows you to build, manage, analyse, visualise, publish (web sites) and archive rich, interlinked, heterogeneous information.

It is unlike any other database you may have used.

HEURIST atacam_5HMA Database Structure Verify Import Website Management Admin FAJMS Help hosted by: The University of Sydney

Entities by usage: Estación de tren (30) Ferrocarril (30) Fundición (30)

Filter: t:1334

Filtered Result n = 190

Entity	Count
Minas y compañías mineras	190
Lugares o edificios	190
Minas	1745
Puerto	1779
Maquinas	1911
Pala-madriña	1925
Caminón	1938
Otras máquinas	1938
Organizaciones	1938
Personas	1938
Huellas fósiles	1938
Facet searches	1938
Minas Perú	1938
Faceted search	1938
Search with rules	1938
RuleSet	1938
Other users (outgoing)	1938

Map: Satellite view showing locations in South America (Chile, Argentina, Bolivia, Peru, etc.).

Current query: Animas (Chañaral, Chile) : cobre; Chañaral (Chile); Pulcayo (Bolivia); Tres Puntas (Chile); Cachinal de la Sierra (Taltal, Chile) : plata,oro,Zinc; El Estero (Chile) : Plomo; Caracoles (Chile); Collahuasi (Tarapacá, Chile) : cobre; Chuquibambilla (Antofagasta, Chile); Mina : cobre,molybdeno; Renabla mina (Ontario:Canada) : oro; María Elena (Chile); Potosí de los Andes (Chile); Oficina salitera : nitratos; (1959) El Salvador (1959, Chile). Mina : cobre

Service: Heurist.Huma-Num.fr
HeuristPlus.Sydney.edu.au

Open Source (GitHub), PHP/MySQL
 Free service (Sydney, Huma-Num)
 Developed 2005 onwards
 General availability 2009 - Dictionary of Sydney (born digital)