



Une infrastructure mutualisée de bases de données conçu pour les chercheurs en Sciences Humaines

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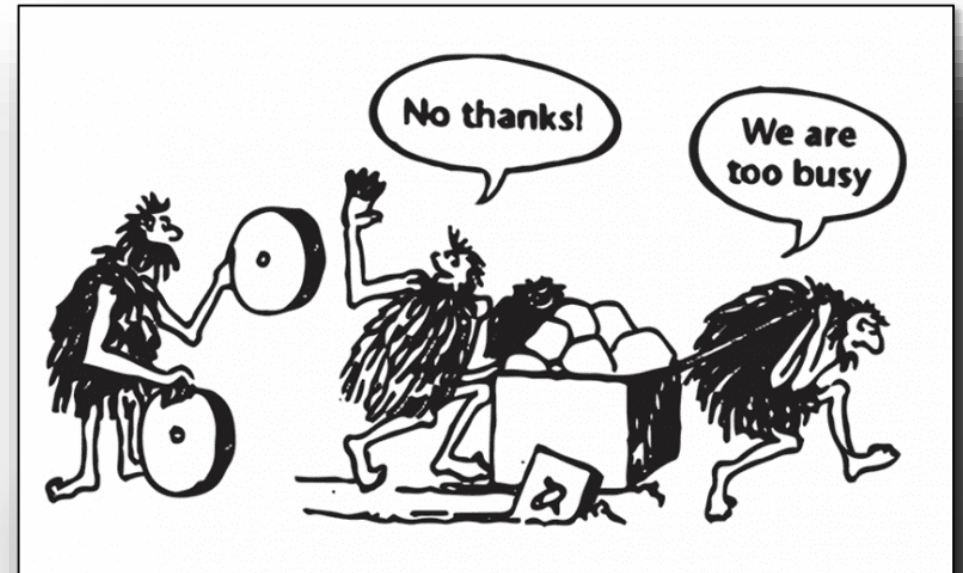
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Consortium Huma-num Paris Time Machine*





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

- Les tableurs sont (trop) rapide et facile:
(les résultats immédiats vous font 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 coutent chers
 - Il y a beaucoup de risques
- } et ça dure ...
- En dépit de nos differences de:
 - Matériaux
 - Approches
 - Questions
 - Modes de présentation et de publication

nous avons tous des besoins largement partagés

? Database patterns



Pourquoi Heurist?

Collection, gestion, analyse, visualisation et publication de l'information recueillie au cours des recherches

Les chercheurs en SHS réclament souvent:

- Des **bases de données** (capables de ...)
- Des **sites web**

En l'absence de ressources professionnelles (pe. ingénieurs en SHS)

☒ Multiples applications incompatibles

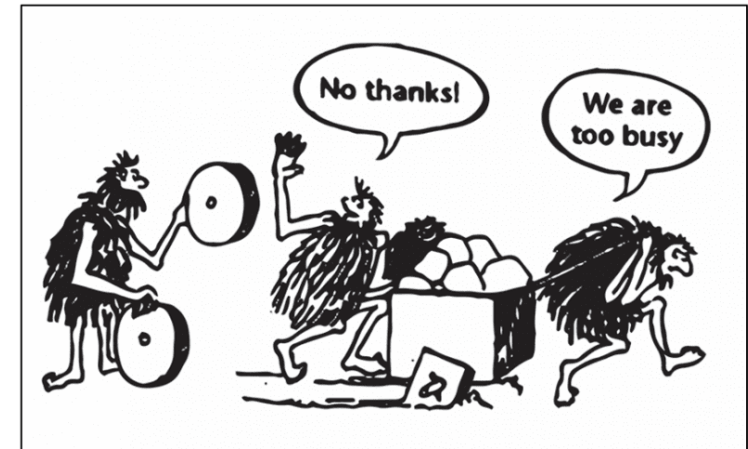
- Données textuelles, numériques, dates, coordonnées, classification – tableurs, Access, Filemaker
- Images, audio, video – divers outils spécialisés
- Bibliographie – EndNote, Zotero, Word ...
- Documents - file system ...
- Sites web – Wordpress, Google Sites, Wix, ...
- Pérennité et sauvegarde douteux ...

souvent surchargés

souvent mal-structurées



La bête noire ... le table Excel dénormalisé!!!



Reinvention of the square wheel

Pour qui Heurist?

Est-ce-que c'est simplement pour les chercheurs?

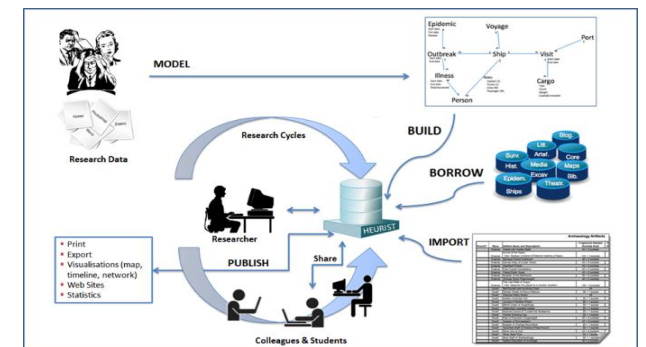


• Ingénieurs *(souvent surcharges)*

- Minimisation d'outils et difficultés de connection/compatibilité
- Livraison rapide d'applications complètes
- Stabilité, sauvegarde, pérenité
- Peu ou pas de maintien de l'infrastructure
- Possibilité de contribuer ou de demander de nouvelles fonctions (donc O/S)
- Passer la responsabilité aux chercheurs

• Chercheurs / doctorants

- Peuvent améliorer une base existante / faire leurs propres bases
- Présentation de l'interface en termes compréhensible aux chercheurs
- Pas d'installation ni programmation





Fonctions clefs


- Création d'une base pré-configurée (entités, champs, connexions, vocabulaires)
- Importation selectif de structures depuis d'autres bases
- Modification de structures sur le vif
- Connexions via champs (Record pointer, Relationship marker, Parent-Child)
- Controle d'accès: enregistrements restreint par user ou workgroup, et par champ
- Importation: CSV ('wizard' normalisant), XML, JSON, KML, media
- Recherche sur base externe: BNF, Geonames, , Nomisma, ESTC,
- Media par fichier, par URL ou par flux e.g. YouTube, Soundcloud, MediHAL
- IIF & tiles support: manifestes, serveur, visualiseur Mirador incorporés
- Filter builders: standard et par facettes, règles de suivi
- Sauvegarde et réutilisation de filtres
- Exportation selective: CSV, XML, (Geo)JSON, KML, GEPHI, R
- Visualisation: cartes, frises chronologiques, reseaux, crosstabs, rapport formaté
- Publication: site web et widgets directement éditables (fonction CMS)
- Archivage: téléchargement d'archives ou soumission automatique à Nakala

Quelques exemples...

*Modèle 'vanille' (génération automatique)
avec incorporation de widgets (voir prochain)*



Uncovering Pacific Pasts

Powered by  Heurist hosted by:

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Welcome to *Uncovering Pacific Pasts*

Objects have many stories to tell. The stories of their makers and their uses, stories of exchange.



In the *Uncovering Pacific Pasts* exhibition, we focus on revealing the stories of how the objects displayed were interpreted and reinterpreted by collectors and archaeologists in the past. This is a way of exploring the ideas, people and networks that were pivotal in the development of the discipline of archaeology and that continue to affect the ways in which we all understand the deep history of the Pacific.

This exhibition is part of the *Collective Biography of Archaeology in the Pacific* (CBAP) Project, an Australian Research Council (ARC) funded Laureate research program based in the School of Archaeology and Anthropology, College of Arts and Social Sciences at The Australian National University in Canberra, Australia.

Please use the menu at the top of the page to explore the exhibition, to find out more about the project or to contact us.




This database and website was developed with Heurist (HeuristNetwork.org), a free, flexible, open-source data management application developed since 2005 at the University of Sydney specifically for researchers in the Humanities. Heurist allows researchers to design, build, analyse, visualise, publish and archive their own databases without installation, coding or technical support. Visit the website to build your own.

Quelques exemples...



[website editor](#) [database](#)



Mapping Print, Charting Enlightenment



[Home](#) [About](#) [Browse Datasets](#) [Maps](#) [Search Database](#) **Rank** [Citing Us](#)

On this page, you can view all the Works in the database ranked according to how often they appear in each dataset. Click the buttons to choose which criterion to rank the works by. For more information on the differences between 'copies', 'units' and 'events', please see the [Designer Notes](#).

Show entries Search:

Works in the database ranked according to dataset and unit type

Work	Bastille Inventory (copies)	Estampillage (copies)	Paris Stock Sales (copies)	Parisian Confiscations (copies)	Permission Simple (copies)	STN Sales (copies)	Copies (all datasets)
Avertissement du S. Roubaud sur la maladie que la médecine a décoré du nom de fleurs blanches et de gonorrhée	10,000			1			10,001
Préface de l'histoire de Louis XVI, ou Histoire véridique des dernières années de Louis XV	2,626						2,626
Réflexions en faveur de l'humanité	1,490						1,490
Projets de création de charges d'avocats, ou plutôt de destruction de l'ordre inquisitorial et despotique des avocats au parlement de Paris utile au roi, à l'état, au public, au peuple, au barreau, aux plaideurs, aux avocats, même à leurs veuves, à leurs enfans, et enfin à la nation	1,000						1,000
Lettre d'Andouillet, avocat général en date du 1er avril 1786 à M. Nicolas D..., avocat en la cour	900						900
Passe-tems du boudoir, ou Recueil nouveau de contes	800						800

[report site](#) • [site owner](#) powered by  Heurist at: 

An example of tabular display and aggregation

Quelques exemples...



website editor database Web site record is not public. It will not be visible to the public

JUDAISM AND ROME

Re-thinking Judaism's Encounter with the Roman Empire

erc CNRS

Home About **Ancient Sources** Events Contact

▶ Ancient Sources **Frescos / Wall Paintings**

n = 4 Fresco/Wall Painting > A Painted Parody of Aeneas and Romulus as Dog-Headed Apes

Search everything

id: 27
A Painted Parody of Aeneas and Romulus as Dog-Headed Apes [secco layer] Sponsor: Owner of the house?, []

id: 31
Alexamenos Graffito : Graffiti mocking a Christian [Plaster]

id: 38
Fresco of Julius Terentius Performing a Sacrifice, Dura Europos [Fresco on plaster]

id: 41
Graffito from the via Paisiello hypogeum, Rome, Graffito from the via Paisiello hypogeum, Rome. [Black line drawing on

A Painted Parody of Aeneas and Romulus as Dog-Headed Apes

Current Location: Museo Archeologico Nazionale, Naples, inv. 9889 (Aeneas), inv. 8588 (Romulus).

Date: 14 - 79

Material: secco layer

Measurements: The whole frieze is 196 cm long. 20 x 24 cm for the Aeneas group

Description:
First painting: Caricature of the Aeneas group; each of the three characters are represented with an ape body, a dog's head, human legs, and for two of them (Aeneas and Ascanius) a huge phallus. Aeneas is represented wearing Roman armour and patrician foot-wear. He is carrying on his left shoulder his father Anchises, whose head is veiled and who is himself holding something. Aeneas is also leading by his right hand his young son Ascanius, who is represented as a Phrygian

Descriptive title

Original location

Current location

Artist

Start Date

0199 - 2013

End Date

1979

Quelques exemples...

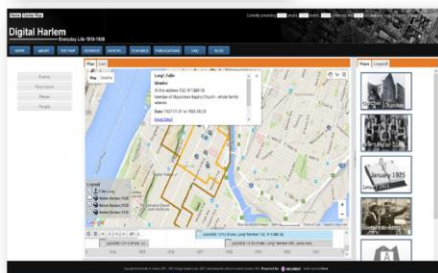


Digital Harlem (Bespoke: 2004 Heurist: 2013)



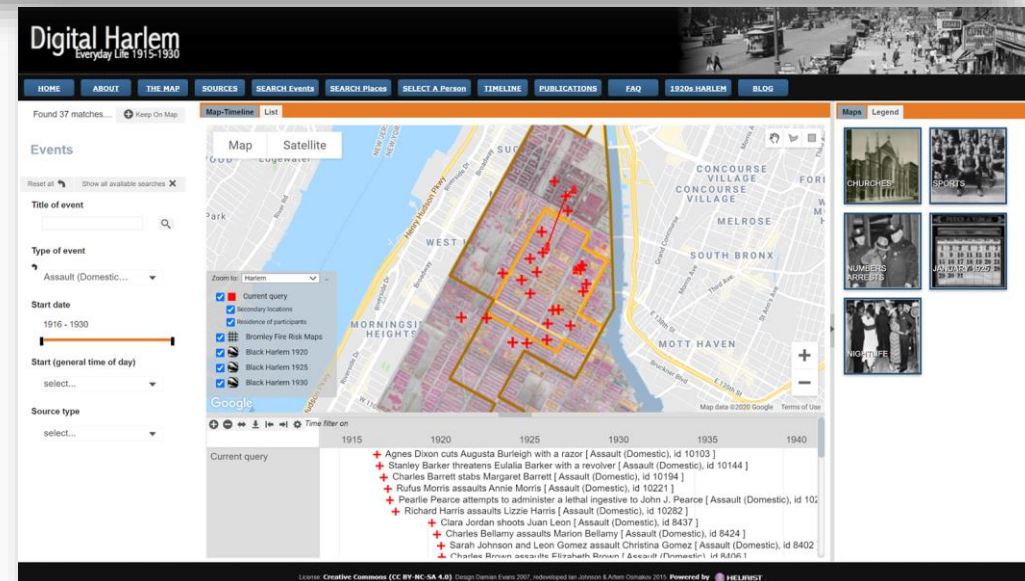
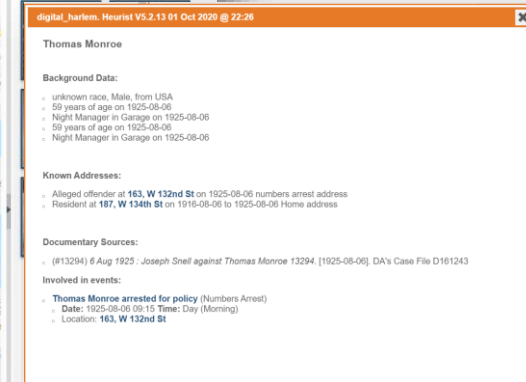
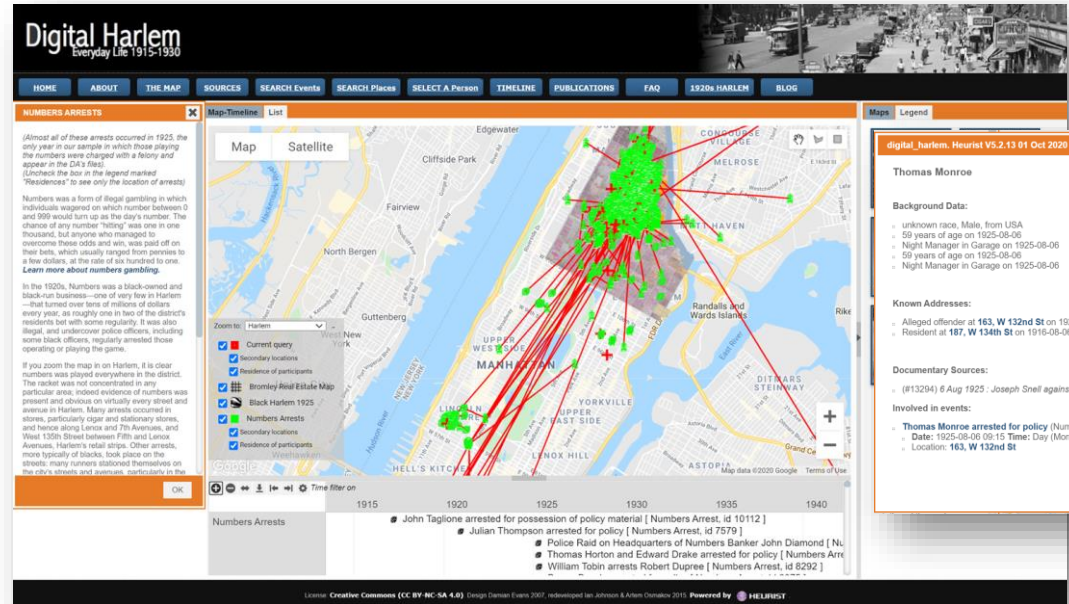
Version 1
>9,000 lines bespoke application
MySQL DB (34 tables)/ PHP / Google maps Vsn 2 / fixed width

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 customisation (HTML, CSS, JS)
MySQL DB (42 tables) managed by Heurist (HeuristNetwork.org)
Public interface is simply a reskinned version of standard search

Shares code and backend database structure with many other databases, centralizing maintenance and development as part of an ongoing support infrastructure. Full database management. Database structure and parts of interface can be extended by non-programmers through a web interface.



Quelques exemples...



Search


The screenshot displays the search results page for the HORAE project. The interface is divided into several sections:

- Filter Sidebar (Left):** Includes a search filter icon, a list of filters (CORPUS, Witnesses (MSS and Printed BOH), Uses, Works, IIF (MSS + Printed), MSS with IIF (country > settl > repos > idno), Printed with IIF (country > settl > repos > idno)), and a 'Simple search' section with a text input field.
- Results List (Middle):** Shows a list of 18 items, each with a document icon, a count of 1, and the library name and accession number. The total number of results is indicated as $n = 1181$.
- Map View (Right):** A map of Europe with colored circles indicating the geographic distribution of the results. A 'Result Sets' panel is visible, showing 'Current query' selected. Below the map, a 'Time filter on' section shows a timeline from 1000 to 1800, with a 'Current query' section listing specific results with their document icons and accession numbers.

HEURIST

the iterative database



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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.

EXPLORE 

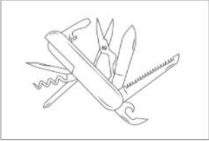
GET STARTED - Create a free, fully-functional, online database in less than 5 mins



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...](#)

HeuristNetwork.org

- Open Source
- Gratuit
- Services gratuits stockés sur des serveurs universitaires (Univ. Sydney Australie) ou sur l'IR* Huma-num (Europe avec Huma-Num)
- Soutien gratuit avec une communauté qui s'élargit

Modèle économique basé sur des apports contributifs selon les moyens de chacun (Robin des Bois)

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

