

# Heurist

(since 2005)

- Free web services (open to all): [heurist.sydney.edu.au](http://heurist.sydney.edu.au), [Huma-Num.fr](http://Huma-Num.fr), US server in process
  - Build a complete, fully-functional database and optional CMS website in hours to days
  - All you need is a browser (Chrome, Firefox, Safari, Edge etc.)
  - Instant database setup without technical knowledge or coding (or the need to get a server)
  - Incremental development: keep on modifying and extending the database structure instantly (add new entity types, new relationships, new attributes, new terms, ordering, relabeling etc.), as needs change without affecting existing data
- 
- Pre-loaded vocabularies and semantic URIs: DC, BIBO, BIO, DOAP, FOAF, MUSIC, RDF, SKOS, CC licenses, Country codes, Language and many others
  - Common reusable entity types (Person, Place, Organisation, Event etc.), template structures for specific fields (archaeology, biography, museums etc.) and ability to publish templates for reuse.
  - Rich field types: text, memo (long text/html), hierarchical terms/categories, numeric, date/time (including fuzzy/uncertain), geographic objects, file, remote media (image, sound, video, pdf etc.), constrained record links (foreign keys), relationships, personal and workgroup tags
  - All field types support multi-value with cardinality (optional/required/repetitions) and maintained ordering
  - Define project workgroups, control access, share and publish data selectively
- 
- Build, save and re-use/publish complex search methods, including multi-level facet searches and rule-based expansion, through simple choices in a search wizard
  - Publish a CMS website directly within your database (menus and page content editable directly in the same interface) including embedded images/multimedia, data searches (simple, faceted, rule-based), visualisations (map, timeline, network) and custom reports.
  - Export data selectively to numerous formats: XML, RDF, CSV, KML, (Geo)JSON, GEPHI, RSS, custom. Generate as live feed or batch process. Restful API.
- 
- Centrally maintained for medium to long term sustainability (target >10 years – we already have fully-functional databases going back to 2006 and websites to 2009).
  - Centralised maintenance and shared dependency reduces costs and creates support for ongoing maintenance. Past a few dozen databases the marginal cost of additional projects is close to zero (which is why we can offer free services).
  - As long as the Heurist server is maintained, all databases and websites generated from them will continue to work with little (for highly customized) or no (for those using built-in tools) maintenance.
  - Generates fully self-documenting archivable packages for long-term sustainability (text-based metadata and documentation, XML, SQL and original file uploads)
  - Databases can be quickly regenerated on a new server from the archival package.

More info: [support@HeuristNetwork.org](mailto:support@HeuristNetwork.org), or simply create a database on the web service (we will send you an introductory email with further information; we don't share your email or bug you).