Build it and they might come ...
Simplified workflow

Data collection (tablet/mesh sync)

Data consolidation (daily synch, lab server/local repo)

Manipulation, analysis, federation, publishing etc ...

Field

Lab

Office

Repository (institutional)

Why mesh?
Scalability
Ease of synch
Portable wifi servers
● Collect data
● Mesh synchronisation (consolidation)
LOCAL DATA STRUCTURE
● Lab synchronisation (sync with server)
● PROJECT DATABASE
Create a database

New database hdb_johns_demo_to_delete created successfully

Admin username: johnson
Admin password: <same as account currently logged in to>

The search page for this database is: http://heuristscholar.org/h3-j/7db=johns_demo_to_delete.

Please click here: administration page, to configure your new database
### Login

```
Database name: john_a demo_to_delete
Prefix: hdb_
Username: johnson
- email address by default
Password: *********
- case sensitive

- Expire on browser close (public computer)
- Expire on user logout (shared computer)
- Remember me on this computer (your computer)

Forgotten your password? Click here to reactivate your password.
```

### Manage Users

**Filter by group:** all groups

**Filter by name:**

<table>
<thead>
<tr>
<th>#</th>
<th>Active</th>
<th>Edit</th>
<th>Name</th>
<th>Full name</th>
<th>Institution/Organisation</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>✓</td>
<td>✓</td>
<td>johnson</td>
<td>Ian Johnson</td>
<td>Archaeological Computing Laboratory</td>
</tr>
<tr>
<td>4</td>
<td>✓</td>
<td>✓</td>
<td>debug</td>
<td>debug user</td>
<td>University of Sydney</td>
</tr>
</tbody>
</table>

**Create new user:**

- [CREATE NEW USER](#)
- [CREATE NEW USER](#)
Pre-defined record types
### Fields

The commonest details (fields) shared across many record types

<table>
<thead>
<tr>
<th>Code</th>
<th>Concept</th>
<th>Info</th>
<th>Show</th>
<th>Name</th>
<th>Description</th>
<th>Data Type</th>
<th>Group</th>
<th>Edit</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2-1</td>
<td>22</td>
<td>✓</td>
<td>Name</td>
<td>The main name or title for the object. Title of a work, family name of person, name of organisation etc.</td>
<td>Text (single line)</td>
<td>Common field</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>2</td>
<td>2-2</td>
<td>1</td>
<td>✓</td>
<td>Short name</td>
<td>Short name or acronym</td>
<td>Text (single line)</td>
<td>Common field</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>3</td>
<td>2-3</td>
<td>13</td>
<td>✓</td>
<td>Short summary</td>
<td>Short summary, typically used in annotated listings, information popups and so forth. Aim for 100 - 200 words.</td>
<td>Memo (multi-line)</td>
<td>Common field</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>4</td>
<td>2-4</td>
<td>9</td>
<td>✓</td>
<td>Extended description</td>
<td>Extended description</td>
<td>Memo (multi-line)</td>
<td>Common field</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>5</td>
<td>2-9</td>
<td>1</td>
<td>✓</td>
<td>Date</td>
<td>Enter a date either as a simple calendar date or through the temporal object popup (for complex/uncertain dates)</td>
<td>Date / temporal</td>
<td>Common field</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>6</td>
<td>2-10</td>
<td>5</td>
<td>✓</td>
<td>Start date</td>
<td>Start Date</td>
<td>Date / temporal</td>
<td>Common field</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>7</td>
<td>2-11</td>
<td>3</td>
<td>✓</td>
<td>End date</td>
<td>End Date</td>
<td>Date / temporal</td>
<td>Common field</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>8</td>
<td>2-15</td>
<td>5</td>
<td>✓</td>
<td>Creator - author, organisation...</td>
<td>The person or organisation who created the record/resource</td>
<td>Record pointer</td>
<td>Common field</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>9</td>
<td>2-25</td>
<td>2</td>
<td>✓</td>
<td>Country</td>
<td>Country</td>
<td>Enumerated (terms)</td>
<td>Common field</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>10</td>
<td>2-38</td>
<td>7</td>
<td>✓</td>
<td>File resource</td>
<td>An uploaded file or a reference to a file through a URI</td>
<td>File - local or uploaded</td>
<td>Common field</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>11</td>
<td>2-39</td>
<td>9</td>
<td>✓</td>
<td>Thumbnail image</td>
<td>An image of approx. 200 pixels wide used to represent the record in search results and other compact listings</td>
<td>File - local or uploaded</td>
<td>Common field</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>12</td>
<td>2-41</td>
<td>7</td>
<td>✓</td>
<td>File Type</td>
<td>Term identifying the file format</td>
<td>Enumerated (terms)</td>
<td>Common field</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>13</td>
<td>2-49</td>
<td>2</td>
<td>✓</td>
<td>Version Number</td>
<td>Numeric string representing a version, typically a sequence of numbers separated by full stop.</td>
<td>Text (single line)</td>
<td>Common field</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>
Terms
Registering a database

Suggested workflow for new databases:

After creating a new database, please use the links on the left to follow these steps (you can also see all the steps in a single view by clicking the 'show all steps' link).

1. **Database > Properties**: Enter information about the database, including author and contact details.
2. **Database > Register**: Register the database with the central HeuristScholar code and allow Heurist to check for new versions.
3. **Structure > Import Definitions**: Find and download common record type definitions or create your own.
4. **Structure > Record Types**: Define the data you can enter into the database.
5. **Structure > Field Types**: Define the data you can enter into the database.
6. **Structure > Terms**: Define the data you can enter into the database.
7. **Structure > Constraints**: Define the data you can enter into the database.

For selecting and entering information, use the fields in the right-hand pane. You can also see all the steps in a single view by clicking the 'show all steps' link.
Databases I have registered

Sydney Network for Climate Change and Society [David, Schlosberg, 2012]

Database registration
http://heurist.scholar.org/h3-sw/?db=SNCCS_SyndNetClimChangSoc

Record View | Map View | Report View | Special
---|---|---|---

Record ID: 1028

**Sydney Network for Climate Change and Society**
The central goal of the Sydney Network on Climate Change and Society is to establish the University of Sydney as a major centre of interdisciplinary research on the past and future of a climate-changed society. We aim to develop a research infrastructure for thoroughly interdisciplinary examination of the social and cultural impacts of living in a changed climate. Develop adaptation, governance, and implementation strategies in response to climate change that can be shared with government and non-governmental bodies. Create a research database and multiple forms of academic and public communication on sustainable adaptation strategies. This will include websites, documentary film, exhibitions, and interactive social media. Stimulate public discussion and reflection on the social implications of climate change through public and academic events featuring local and high-profile visiting scholars. Support major funding applications to external bodies, domestic, and international that include significant research training, postdoctoral and ECR opportunities. Integrate and expand our existing individual links with major centres around the world (e.g., Harvard University CC for the Environment, Earth Institute at Columbia University, Woods Institute at Stanford, ANU Centre for Climate Change Institute), and develop links with additional centres (for example, the Tyndall Centre at University of East Anglia, Oxford University's Environmental Change Institute).
Importing structure

[Image of a database interface showing import structural definitions into current database and import record types from "1037: Arts_eResearch"]

Note: If this function reports 'No records found' this normally means that there are no definitions in the selected database which are not already in the current database.

In version 3.0 this may also mean that the database is in a different format version which is not being read correctly.

BACK TO DATABASES

Logs give a more detailed history of the actions taken to import structure. Click the links below to see the short version and long version respectively.

Show short log
Show deleted log