The Online Research Database Service (ORDS)

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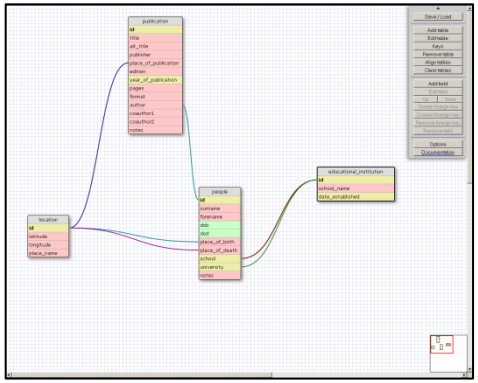
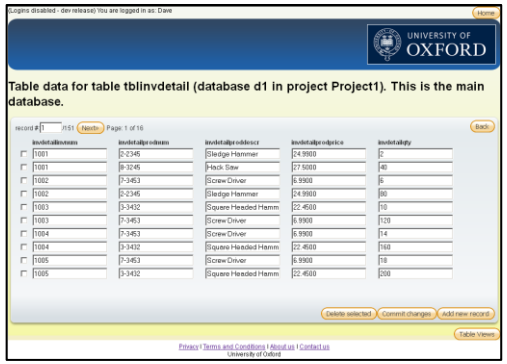
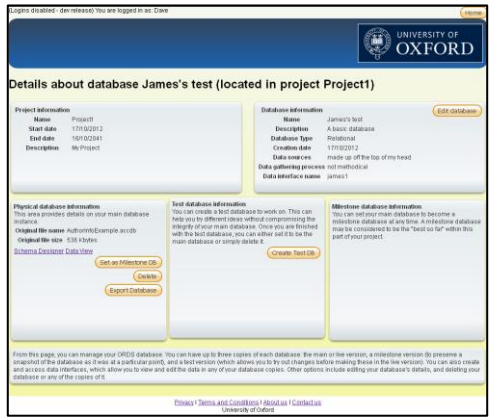
What is the Online Research Database Service?

- A web-based system that will enable researchers to quickly and intuitively
  - build a relational database from scratch, or
  - Import an existing database in common formats (such as Access), or
  - Import data in spreadsheets and then restructure them as a database





- Generic interfaces for data addition, editing, and querying
- Database management software can be used to edit databases hosted on ORDS ‘back-end’
- Data can be searched via custom-built websites



- Part of a larger research data management infrastructure in development at Oxford – will deposit into DataBank and DataFinder
- Unfinished!

Why use the ORDS?

- Easy to share data between colleagues and collaborators
  - Set different permissions to restrict sensitive data from unauthorized viewing
- Create and publish ‘views’ of data
  - Both static and dynamic
  - Hosted ‘permanently’ with a unique identifier, so can be cited in publications
- Easy to import and export data
- Centrally-hosted, secure, & backed-up
- Simple to archive databases and datasets derived from them
- Fits into larger Research Data Management infrastructure
  - Helps keep metadata consistent