

The Online Research Database Service (ORDS)

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Data Management Roll-out at Oxford
(DaMaRO)



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

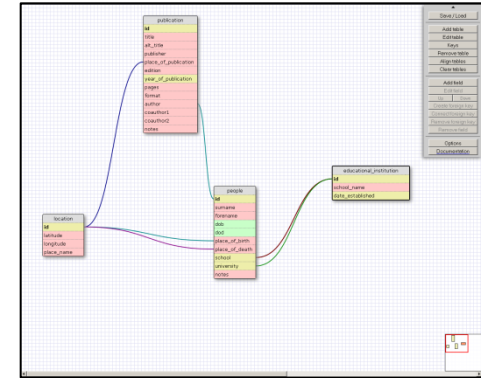


Table data for table tblinvdetail (database d1 in project Project1). This is the main database.

booktitle	booktitle-edition	booktitle-edition	booktitle-edition	booktitle
1001	F-2345	Sledge Hammer	F-4 9900	F
1001	F-2345	Hand Saw	F7 9900	40
1002	F-3452	Screw Driver	6 9900	6
1002	F-2345	Sledge Hammer	F4 9900	60
1003	F-3452	Square Headed Hammer	22 4600	70
1003	F-3453	Screw Driver	6 9900	100
1004	F-3453	Screw Driver	6 9900	124
1004	F-3452	Square Headed Hammer	22 4600	100
1005	F-3453	Screw Driver	6 9900	70
1005	F-3452	Square Headed Hammer	22 4600	200

- 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!

Details about database James's test (located in project Project1)

Project information	Database information
Name: Project1	Name: James's test
Start date: 17/02/12	Description: A basic database
End date: 10/02/11	Database type: Relational
Description: My Project1	Creation date: 17/02/12
	Data sources: made up of the list of my head
	Data gathering process: not implemented
	Data interface name: james1

Physical database information: You can create a test database to work on. This can help you to experiment without compromising the integrity of your main database. Once you are finished with the test database, you can either edit it to be the main database or simply delete it.

Test database information: You can create a test database to work on. This can help you to experiment without compromising the integrity of your main database. Once you are finished with the test database, you can either edit it to be the main database or simply delete it.

Milestone database information: You can set your main database to become a milestone database at any time. A milestone database can be converted to be the 'back end' within this part of your project.

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