

The Online Research Database Service (ORDS)

Friday 13th July, 2012

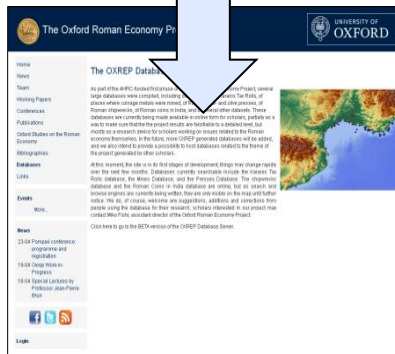
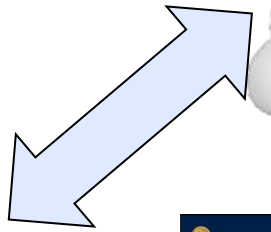
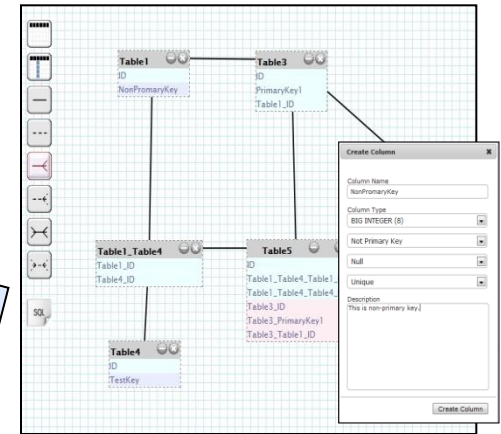
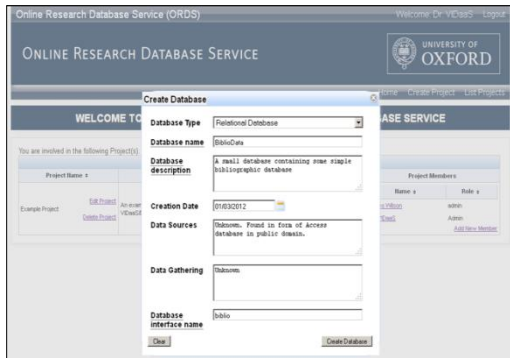
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Online Research Database Service (ORDS)



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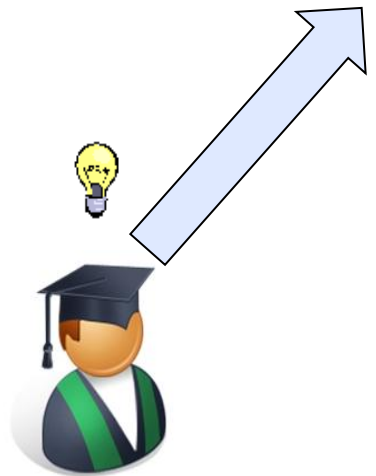


People Search Results

People Search Filter

People Search Results (1)

Year	Event	Event	Event	Event	Event	Event	Event	Event	Event
2012	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01
2013	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01
2014	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01
2015	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01
2016	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01
2017	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01
2018	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01
2019	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01	1811.01.01



Online Research Database Service (ORDS)



ORDS – Current Status

- Core functionality complete & demonstrated in March

2012

BUT...

- Original development platform (JBoss5) no longer supported by Oracle, requiring migration of the DaaS software
- Software migration should be complete
October/November 2012
- ORDS Maturity Project follows on
 - Launch and support service
 - ~~Implement new functionality (e.g. Images, sound, &~~

Online Research Database Service (ORDS)

Intended Service

- ORDS to be offered as an SRF
- Projects must pay to use service after an initial trial period
- Run on a cost-recovery basis

Model	CPU	RAM	Storage	Price per annum	Anticipated demand
Regular Oxford-hosted	½	1GB	25GB	£600	80%
Large Oxford-hosted	2	4GB	100GB	£2,000	20%
Regular Nationally-hosted	½	1GB	25GB	n/a	-
Large Nationally-hosted	2	4GB	100GB	n/a	-
Custom	?	?	?	?	-

	Fixed costs	Variable Costs
ORDS service	£142,717	c. £10k per 100 projects above first 100
Oxford Private Cloud Costs:-		
<i>Capital costs</i>	£32,250	c.£8k extra per 100 VMs above initial 400 capacity
<i>Service costs</i>	£73,900	
+ <i>software licences</i>		c. £40-£80 per VM
TOTAL	£248,867	

Role	FTE
Systems admin & monitoring	0.2
Technical development	0.4
OSS Governance	0.1
Platform upgrades etc.	0.2
Adding and supporting new IaaS	6-7 weeks pa
Updating training & documentation	0.1
Training researchers, staff, & support	0.1
Helpdesk support 2 nd /3 rd line	0.1 per 100 projects
Helpdesk / operations issues relay (1 st year only)	0.2
TOTAL	1.4 + FTE