

Moving Southampton ePrints to Oracle

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Strategic Benefits

- All core enterprise systems sit on Oracle
 - Emphasises the strategic importance of the repository and helps secure ongoing support and resource
 - Has designated Systems Board in the University structure with senior academic representation
- Improved cross platform reporting e.g. using commercial tools such as Cognos and/or custom tools to improve use of research management information

Technical benefits

- Improved database backup – roll back to a specific time in case of failure
- Database performance routinely managed – queries are monitored in a cycle of continuous improvement
- Improved scalability options with the potential of the Oracle rack
- Access to enterprise level Database Management System features (DBMS) e.g. replication

Issues

- Inter-IT team communication and support
 - Ownership of problems and clarification of roles in central IT service
 - Taking a problem-solving approach to refining code working with the EPrints team
- Technical challenges
 - Restructuring queries to balance load on the DBMS
 - Speccing hardware

In our new home...



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