PRESERV

PReservation Eprint SERVices

Enabling Long-term Open Access to Materials in Institutional Repositories (IRs)

http://preserv.eprints.org

PRESERV: investigating and developing infrastructural digital preservation services for institutional repositories

Outputs

- EPrints IR software will be linked through a Web service to the PRONOM file format registry created at The National Archives
- An ingest service, based on the OAIS reference model, will be implemented for institutional repositories using EPrints software
- This will be integrated with Southampton and Oxford institutional repositories for evaluation
- The British Library and Southampton University will build and test an exemplar OAI-based preservation service

Outcomes

- Adapting EPrints software to allow the collection and dissemination of preservation-oriented metadata to supplement the current bibliographic information
- Defining a technology watch service to populate and update PRONOM for file format recognition and verification, identifying the needs of different sectors
- Prototyping other preservation planning services by identifying "trigger events" and significant metadata
- Collaboration with SHERPA DP project on related preservation services

Benefits

- Improved processes are offered to repository authors and administrators to fulfill preservation responsibilities
- More reliable repository services are available for future searchers – for research, learning and teaching
- The preservation service could be used with any OAI-compatible archive to create a software-independent preservation repository
- Preservation requirements and mechanisms for sustainable long term digital repositories are better understood
- One part of a network of distributed and cooperating services that are based on the OAIS digital preservation reference model

Part of the UK's Supporting Digital Preservation and Asset Management in Institutions Programme

JISC Southampton University Research e-Prints the national archives THE BRITISH LIBRARY Electronics and Computer Science a school of the University of Southampton eprints.org

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