

# PRESERV

PReservation Eprint SERvices

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

<http://preserv.eprints.org>

### 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

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

### 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



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