The Australian National University
Scholarly Technology Services, Division of Information

Towards the Support of Digital Publication
DRSIG Show and Tell. 27 October 2004

Elements

The Division of Information seeks to respond to the ANU community’s requests for system support:

- the EPress open-access publishing initiative
- on-line journals
- conference proceedings
- dissertations and theses
- course materials (academic workbench)

The Digital Publishing Milieu

More information than you thought you needed is available at:

- Tools and Resources for Online Journal Editing and Publishing
- Scholarly Electronic Publishing Bibliography
- ANU course materials by Tom Worthington
- recent primary documents

ANU Focus

Informal Systems

- ANU EPress
- Australian Computer Society conference proceedings

Commercial Systems

- Common Ground Publishing
- Berkeley Electronic Press
Open Source Systems

- Project Euclid at Cornell
- DSpace Institutional Repository
- Open Journal Systems

Current Proposal

- Cornell has funding for a two-year project called DPubS that will extend the existing Project Euclid software into a broad-spectrum digital publishing tool. It will be made available under an open source licence.

- The current system involves twelve modules, each providing an identified service. It is written in perl (not that that is particularly important). The anticipated system will develop further functionality in the existing modules (for example, it will be made easy to change the look and feel) and will develop additional functionality in new modules (for example, author-editor workflow).

- It is currently envisaged that some enhancement will be made to the existing system before it is released as version 1.0. There was strong feedback at the October 2004 workshop that the release of version 1.0 should happen as soon as possible.

- The current system provides a basic set of repository functions. It is anticipated that a version be developed that relegates these services to a special purpose repository system. Interfaces to DSpace and Fedora are planned.

- The project will utilize a community development model. The Division, through the Digital Resource Services program, has volunteered to provide a set of use-cases that characterize our requirements, and to participate in the interfacing of the DPubS software with the DSpace software.