

Curriculum Vitae

Christopher James Gutteridge

March 2005

I have a wide experience in the field of information technology, digital libraries and computing and an active interest in Internet based technology.

1 2000-Present: EPrints Software Support and Development

The GNU EPrints software is a significant open source project to enable online archiving, primarily of research papers.

I am an expert in institutional repositories.

At the end of 2004 the University established the Southampton EPrints Archive as a central part of its research infrastructure. <http://www.ecs.soton.ac.uk/news/667>

I have developed the current version of the software which includes Internationalisation, Object Oriented design and Open Archives Compliancy. I have been working closely with the citation linking and semantic web research communities to make the software compatible with their systems. Over 150 installation of EPrints are currently online at various universities, institutions and organisations including Nottingham University, Glasgow University, Nasa, Oxford University and Caltech.

I have managed my own time and priorities, developing the EPrints software.

I have identified potential future problems in the system and resolved them.

I have provided solutions, support and advice to many institutions setting up their institutional repositories using EPrints.

I maintain around 7 archives myself for the university, the school and various projects. I have added many custom features to integrate them into other systems.

I modified the EPrints system to be suitable for Crystallography data, and this is currently in use by Southampton Chemists.

Due to my unique position and experience with EPrints and Institutional Repositories I have given presentations at a number of national and international events.

In 2002 the software became GNU EPrints, an official part of the GNU Project, after an invitation from the founder. I have been an official "GNU Maintainer" since July 2002.

2 1997-Present: Systems, Help-desk, Web-master, Software Development

I have worked for 7 years for the Department of Electronics and Computer Science at the University of Southampton.

Responsibilities and achievements include:

- Handling the day to day running of the schools webserver and many of it's websites, identifying and assigning tasks.

- Improved the compliance to standards (accessibility, strict XHTML, Data Protection etc) of a number of websites.
- Providing first point of contact for support questions for 1300 users ranging from inexperienced undergraduates to professors of Computer Sciences.
- Supporting users over email and telephone as well as face to face.
- Built and maintain the ECS main web site including automatic generation of many pages based on the contents of various databases.
- Development of an object based website creation library to allow swift creation of new websites integrated with our information systems such as staff information, publications and research projects.
- Policing undergraduate network; dealing sensibly with minor problems arising or correctly refer more serious issues.
- Built system to supply all members of staff with a sheet of photographs of their tutees.
- Automated laser printing quotas, notification and billing. Provided easy HTML interface to tools and information related to printing.
- Implementing online problem and suggestion tracking system for the Department.
- Designed the annual CDROM/DVDROM given to undergraduates.
- Being responsible for making sure daily backups of user accounts were done.
- Being familiar with web technologies including CSS, CSS2, HTML, XHTML, XML, XSLT, CGI, PERL, PHP, Apache (1 and 2), RDF, Javascript.
- Implemented the website for the 2006 World-Wide-Web Conference.
- Designed and implemented a web based marks collection and feedback system for the University of Southampton Department of Mathematics.
- Built Graduate School web-site for University of Southampton Department of Mathematics.

2.1 Teaching

My teaching related experience includes:

- Giving occasional lectures on programming and systems.
- Assisting teaching 12-week course on the Java programming language for the New College.
- Preparing and ran a 2 day Intensive Java course for the New College.
- Running the help-desk for students programming, course-work and more general problems.
- Assisting academic staff and advice on, and occasionally write, undergraduate courseworks.

3 1994-1997: Casual Internet work

Several short Internet related jobs while still undergraduate, including:

- Converting the University of Southampton, Hartley Library Small Collections catalogue into a web-site.
- Internet based research for the academic NISS project.

4 Conferences and Workshops Attended

- 24th May 2004: ePrints UK Nottingham Workshop (Presented)
- 22nd April 2004: ePrints UK Manchester Workshop (Presented)
- 6th February 2004: ePrints UK Bath Workshop (Presented)
- 3rd OAI Workshop - CERN, Geneva, Switzerland
- Open Archives Workshop - Barcelona, Spain (Presented)
- 2003 - 11th Conference of PanHellenic Librarians (Larissa, Greece). (Presented Paper)
- 2nd OAI Workshop - CERN, Geneva, Switzerland. (Presented)
- SIGIR 2001 - Special Interest Group on Information Retrieval (New Orleans).
- UK Higher Education Webmasters Workshop (Belfast).

5 Papers

- Heery, Rachel, Duke, Monica, Day, Michael, Lyon, Liz, Hursthouse, Michael B., Frey, Jeremy G., Coles, Simon J., Gutteridge, Christopher J. and Carr, Leslie A. (2004) Integrating research data into the publication workflow: the eBank UK experience. In, PV-2004: Ensuring the Long-Term Preservation and Adding Value to the Scientific and Technical Data, ESA/ESRIN, Frascati, Italy, 5 - 7 Oct 2004. Frascati, Italy, European Space Agency, 8pp. (In Press)
- Coles, Simon J, Hursthouse, Michael B, Frey, Jeremy G, Carr, Leslie A and Gutteridge, Christopher J (2004) eCrystallographyDataReports: an open archive route for the reporting and dissemination of crystal structures. In, International Symposium on Supramolecular Chemistry XIII, South Bend, Indiana, USA, 25 - 31 Sep 2004. Southampton, UK, University of Southampton School of Chemistry, 1pp.
- Lyon, Liz, Heery, Rachel, Duke, Monica, Coles, Simon J., Frey, Jeremy G., Hursthouse, Michael B., Carr, Leslie A. and Gutteridge, Christopher J. (2004) eBank UK: linking research data, scholarly communication and learning. In, All Hands Meeting 2004, Nottingham, UK, 31 Aug - 03 Sep 2004. Swindon, UK, EPSRC, 8pp. (In Press)
- Coles, Simon, Lyon, Liz, Carr, Les, Heery, Rachel, Hursthouse, Mike, Gutteridge, Christopher, Duke, Monica, Frey, Jeremy and De Roure, Dave (2004) eBank UK Linking Research Data, Scholarly Communication and Learning. In, Semantic Grid Workshop, Global Grid Forum 11, Hawaii, USA, 4-7 July 2004. Hawaii, Global Grid Forum, 8pp. (In Press)

- Coles, Simon J, Frey, Jeremy G, Hursthouse, Michael B, Carr, Leslie A and Gutteridge, Christopher J (2004) Crystal Structure EPrints: Publication @ Source Through the Open Archive Initiative. In, British Crystallography Association Spring Meeting 2004, Manchester, UK, 6-8 Apr 2004. Southampton, UK, Southampton University, 1pp.
- Coles, Simon, Frey, Jeremy, Hursthouse, Michael, Carr, Leslie and Gutteridge, Christopher (2004) Crystallographic ePrints. In, EPSRC eScience testbed projects meeting, Edinburgh, UK, 25-26 Mar 2004. Southampton, UK, Southampton University, 1pp.
- Gutteridge, C.J., Hitchcock, S., Simpson, P. and Hey, J. (2003) Report on the technical issues of using GNU EPrints Software for the development of an institutional e-Print repository at the University of Southampton. Southampton, UK, University of Southampton, 13pp. (D 2.3.2)
- Gutteridge, Christopher (2002) GNU EPrints 2 Overview. In Proceedings 11th Panhellenic Academic Libraries Conference. <http://eprints.ecs.soton.ac.uk/archive/00006840/>
- Hitchcock, S., Brody, T., Gutteridge, C., Carr, L., Hall, W., Harnad, S., Bergmark, D. and Lagoze, C. (2002) Open Citation Linking: The Way Forward. D-Lib Magazine 8(10).

6 Qualifications

- PhD candidate at Southampton University (Part Time).
- B.Sc. (Hons), Computer Science, University of Southampton.
- Four A Levels including Mathematics and Further Mathematics.

7 Other Activities

- In 1999 I wrote a number of scripts for the free software graphics package GIMP, which were included in the standard release which most people running Linux have installed.
- I am a member of a popular local band
- I am a Co-maintainer and designer of a popular Internet website. (1000+ visitors per day.)
- I am a GNU Maintainer
- Poi - a New Zealand performance art