Establishing an Eprint Repository at the University of Melbourne
Implementation Aspects
by
Eve Young and Shirley Sullivan
What are eprints?

- Working papers
- Learned or scientific journal articles
- Conference papers, proceedings
- Books or book chapters
- Reports
- Inaugural lectures
- Theses
UPS Forum aim

“discuss and solve matters of interoperability between author self-archiving solutions, as a way to promote their global acceptance”
Sponsors of UPS forum

- Council on Library and Information Resources
- Digital Library Federation
- Scholarly Publishing and Academic Resources Coalition
- Association of Research Libraries
- Research Library of the Los Alamos National Laboratory
UPS to OAI

“The OAI develops and promotes interoperability standards that aim to facilitate the efficient dissemination of content”

From the OAI mission statement
Growth in number of OAI Archives
(now 140+ Archives, *but the average number of papers per Archive (9000) needs to grow faster!*)

From Tim Brody, University of Southampton
Information Division
Registering as a Data Provider

OAI-PMH Version 2.0

Data providers who support the OAI-PMH may choose to list their repository in the OAI registry. The goals of the registry are:

- Provide a publicly accessible list of OAI conformant repositories, making it easy for service providers to discover repositories from which metadata can be harvested. Repositories may also wish to expose a friends container as part of their Identify response as a parallel means for guiding service providers towards repositories from which metadata can be harvested.
- Provide a mechanism for data providers to ensure their conformance with the OAI-PMH specification.
- Provide a means for the OAI to monitor use of the protocol and plan future activities and strategies.

This page allows you to register your repository by entering your BASE-URL in the text box at the bottom of this page. Before doing that, please read all of this instruction page so you understand what registration means and the choices you have.

Consequences of Registration
Protocol Testing
- Conformance testing for basic functionality
- Conformance testing for error and exception handling
Using OAI Identifiers for Metadata Records
Confirmation of Registration
Chaining Registration Information
Registration

“The OAI certifies that a repository is fully compliant by validating the repository's metadata using a program that issues periodic OAI queries. Once these checks are complete, the OAI confirms the registration with the repository and adds the repository to the list of data providers.”

Raym Crow, Checklist...
OAI Registration

- Registered with OAI. Needed to meet the interoperability requirements
- Registered with individual service providers e.g. ARC, myOAI, OAISter
EPrints.org - Self-Archiving and Open Archives

Introduction
Welcome to eprints.org, dedicated to opening access to the refereed research literature online through author/institution self-archiving.

Projects at

News
EPRINTS 2.2 Released (Codename Pumpkin)
This version adds support for subject editors (who many online approve and edit items which match a certain subject or type) support for the XML::GDOME module (which makes it faster). There is also a number of small configuration options people asked for, and bugfixes. For more details see the New Features.
Eprints.org

- Version 1.0 released December 2000
- Version 1.1 released January 2001
- Version 2.0 released February 2002
- Version 2.1 released July 2002
- We are currently running 2.2.1 released October 2002
Eprints software

The hardware and software requirements:

- GNU operating system e.g. GNU/Linux
- Apache WWW server
- MySQL, the relational database
- Perl programming language
- Eprints software itself

Taken from http://software.eprints.org/
Set-up and Installation

- Early April 2002 eprints software installed on the technical officer’s PC
- Mid April loaded on the new server
- November 2002 upgraded to 2.2 and registered with OAI
- January 2003 upgraded to version 2.2.1
Welcome to University of Melbourne ePrints Repository

Welcome to this generic eprint server, running the default configuration for eprints.org archive software.

More information is available about the archive.

Search the Titles, Abstracts and Keywords

Browse

Browse the archive by Subject or Year.

Latest Additions
Welcome to University of Melbourne ePrints Repository

The University of Melbourne ePrints Repository is an institutional server designed to load and provide free access to the research output of University of Melbourne academic staff.

The repository is part of a GO8 initiative here in Australia.

The initiative aims to:-

• create an archive of the publications produced at individual institutions.
• enhance access and contribution to internationally linked scholarship
• increase awareness of and improve accessibility to Australian research and
• improve economics in scholarly communications

This GO8 initiative is part of a scheme to ensure that research output will be visible, accessible and usable through a global network of interlinked services. The initiative has established international

Search
Quick Search of Titles, Abstracts and Keywords

Search
regular search | advanced search

Browse
By Subject | By Year | Latest Additions

Register
In order to access some areas of the archive, you'll need a user registration. No charge is made for registering with us or using any of our services. Register here.

Search Engines
Search more repositories using these search engines

OAster  my.OAI  arc
E-Print Repository

Viewing Services

- about e-prints
  Information page about eprints and the archive.
- browse by subject
  Browse by broad subject categories.
- search
  Search by author, title, publication and year. Advanced search also available.
- search by id code
  Search by Eprint ID Code.

User Services

- registration
  How to register, username and password reminder.
- alerting service
  Subscribe to subject areas within the archive. Requires registration.
- deposit items
  Deposit items, remove and update existing items, update personal details. Requires registration.
- help
  Online help including FAQ's on copyright, general and technical.
Welcome

Welcome to our ePrints Service

More search options [author, year]...

Login: Deposit Papers, Update your Account
Forgotten your password? Get an e-mail reminder.

Search by Title, Keyword or Abstract

Browse for papers by Library of Congress Subject Headings

Browse for papers by Faculty or Administrative Unit

Preset Limits such as Subject and Document Type

View eprint by entering its ID code
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Pre OAI Academic E-Prints

- Digital documents on their own departmental website on their own server
- Not easy to find unless you know the URL
- Part of the DEEP Web
Post OAI: UMER

- Academics load their digital documents in a publicly accessible website
- Depositing involves a simple web interface
- Academic attaches the full text document
- Each record has Dublin Core metadata, created automatically
- Eprint is then Internet based for free access and dissemination
What is Metadata?
METADATA: Data about a resource
The Dublin Core Metadata Initiative is an open forum engaged in the development of interoperable online metadata standards that support a broad range of purposes and business models. DCMI's activities include consensus-driven working groups, global workshops, conferences, standards liaison, and
User Area Homepage - Young, Mrs Eve (4)

Welcome to the registered user area at University of Melbourne ePrints Repository. Please select one of the options below.

Documents in your Workspace

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| Untitled 119 |
| Untitled 120 |
| Untitled 121 |
| Untitled 122 |
| Untitled 123 |

Delete  Edit  Deposit  New  Clone

These are documents you are currently in the process of depositing. You can start depositing a new document by clicking on New, or you can select a document from the list, and select one of the other options.
Deposit Type

EPrint Type *
Please select the most appropriate type for your deposit.

Book
Book Chapter
Conference Proceedings
Conference Paper
In Collection
Conference Poster
Departmental Technical Report
Journal (On-line/Unpaginated)
Journal (Paginated)
Newspaper/Magazine Article
Other
Preprint
Thesis

Cancel  Next >
Journal article metadata

- Status of the article/refereed/public domain
- Authors/Editors/Title/ Publisher
- Subjects/Keywords
- Year/month/volume/number/pages
- Abstract
- Commentary on/Alternative locations
- Additional information/References
- Comments and suggestions
Theses metadata

- Status of the theses/refereed /public domain
- Author/Title/
- Subjects/Keywords
- Year/Month
- Abstract
- **Thesis type/Dept/Institution**
- Commentary on/Alternative Locations
- Additional Information/References
- Comments and suggestions
Succession/Commentary

Later Version of
If this document is a revised version of another document in the archive, please enter its ID code in this box.

Commentary on
If your item is a commentary on another document (or author's response to a commentary) in the archive, please enter its ID in this box.

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Bibliographic Information

Please enter the bibliographic data about your deposit. Fields marked with a * are fields that must be filled out before your deposit will be accepted.

Refereed
Please indicate whether this version of the work been refereed below.

☐ Yes, this version has been refereed.

☐ No, this version has not been refereed.

Public Domain
If the document you are deposit is not your own but rather an old document that is now in the public domain, then please tick the following box. This will prevent your own name and address appearing with the document as the address for correspondence.

☐ Yes, it is public domain.

☐ No.

Authors *
Please enter the authors below. If there are more authors than available spaces, click on the 'More Spaces' button. To remove an author, just remove their surname from the surname box.

1.

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<tr>
<td></td>
<td>Greg</td>
<td>Taylor</td>
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Person ID:
Title *
Please enter the full title of the deposit.

Chain Ladder Bias

Subjects *
Please select at least one main subject category, and optionally up to two other subject categories you think are appropriate for your submission, in the list below. In some browsers you may have to hold CTRL or SHIFT to select more than one subject.

- Economics and Commerce: Department of Economics
- Economics and Commerce: Department of Economics: Asian Economic Centre
- Economics and Commerce: Department of Economics: Centre for Actuarial Studies
- Economics and Commerce: Department of Finance
- Economics and Commerce: Department of Management
- Economics and Commerce: Melbourne Institute of Applied Economic and Social Research
- Education
- Education: Centre for Human Resource Development and Training
- Education: Centre for Organizational Learning and Leadership (COLL)
- Education: Centre for the Study of Higher Education

Year *
Please enter the year in which your deposit was published or produced.

2002
The chain ladder forecast of outstanding losses is known to be unbiased under suitable assumptions. According to these assumptions, claim payments in any cell of a payment triangle are dependent on those from preceding development years of the same accident year. If all cells are assumed stochastically independent, the forecast is no longer unbiased. Section 6 shows that, under very general assumptions, it is biased upward. This result is linked to earlier work on some stochastic versions of the chain ladder.
Information Division

Keywords
Enter here any keywords you think will aid searchers in finding your deposit. Please be careful to enter specific keywords relevant to your deposit, and don't be too general.

chain ladder, EBNR

Additional Information
If you think you can specify some useful information about your deposit that can't be entered anywhere else, please enter it here.

References
You are strongly encouraged to paste in the reference list of your item into the box below. It will be used to link your item to those it cites and to those that cite it.


Comments and Suggestions
Any comments to the editor (this information will not be displayed to the public). Suggestions (with justification) for additional subject fields.
## Document Storage Formats

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You must upload at least one of the following formats: HTML, PDF, Postscript, MS Word, MS Powerpoint, ASCII.

Add Document

Back | Next >

Full text available as:
PDF - Requires Adobe Acrobat Reader or other PDF viewer.

Abstract

The chain ladder forecast of outstanding losses is known to be unbiased under suitable assumptions. According to these assumptions, claim payments in any cell of a payment triangle are dependent on those from preceding development years of the same accident year. If all cells are assumed stochastically independent, the forecast is no longer unbiased. Section 6 shows that, under very general assumptions, it is biased upward. This result is linked to earlier work on some stochastic versions of the chain ladder.

Keywords: chain ladder, EBNR

Subjects: Economics and Commerce: Department of Economics: Centre for Actuarial Studies

ID Code: 112

Deposited By: Sullivan, Shirley (2)

Deposited On: 25 April 2003


EPrint Type: Preprint
This is complete contents of all the fields in this eprint:

Refereed: No
Public Domain: No
Authors: Taylor, Greg
Title: Chain Ladder Bias
Subjects: Economics and Commerce: Department of Economics: Centre for Actuarial Studies
Year: 2002
Month: January

The chain ladder forecast of outstanding losses is known to be unbiased under suitable assumptions. According to these assumptions, claim payments in any cell of a payment triangle are dependent on those from preceding development years of the same accident year. If all cells are assumed stochastically independent, the forecast is no longer unbiased. Section 6 shows that, under very general assumptions, it is biased upward. This result is linked to earlier work on some stochastic versions of the chain ladder.

Abstract:

Commentary on: UNSPECIFIED
Keywords: chain ladder, EBNR
Additional Information: UNSPECIFIED
Comments and Suggestions: UNSPECIFIED
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Submission Buffer Overview

The following records match your editorial scope, which is: UNSPECIFIED

Click on the title of an entry to view, edit, accept or reject it.

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<td>poon, joan</td>
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<td>Better off deaf?</td>
<td>poon, joan</td>
<td>27 March 2003</td>
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Search Engines

- Drag a net across the surface of 19 terabytes of flat web pages
- BUT 7,500 terabytes of information untouched – this is the “deep web” or “invisible web”

Michael Bergman: The deep web: surfacing hidden value
Deep web

- Public information on the deep web is 400 to 500 times larger than the WWW
- Includes databases and non-textual files (multimedia, PDF), pre-prints
News from the OAI Community

- **CDL eScholarship Repository.** The California Digital Library announced that its groundbreaking eScholarship Repository has reached several major milestones. (3/03).

- **DSpace.** HP Labs and MIT Libraries are pleased to announce that version 1.0 of the DSpace institutional repository software platform is available for download, evaluation, and use. (11/02).

- **DARE Project.** With the award of a NAP grant of 2 million euros for the period 2003-2006, the Dutch government is giving a strong boost to innovation in the provision of academic information in the Netherlands. (11/02).

- **OAF Survey.** The Open Archives Community is invited to participate in a survey conducted by the EU-funded Open Archives Forum. (11/02).

- **Project RoMEO Survey.** The UK JISC-funded RoMEO Project (Rights metadata for open-archiving) is performing a survey of OAI Data and Service Providers regarding the IPR issues they face. (11/02).

Submit your OAI News items to openarchives@openarchives.org

Read Core Documents

- **Harvesting Protocol** (version 2.0)
- **1.1 to 2.0 Migration Instructions**
- **Implementation Guidelines**
- **FAQ**

Join the OAI Community

- **Join OAI General list**
  - your email address

- **Join OAI Implementers list**
  - your email address

- **Register as a data provider**

- **Submit a post to our web site**

Contact us:
Open Archives Initiative

- Roots in enhancing access to eprint archives to increase the availability of scholarly communication
- Impetus - facilitate interoperability across eprint archives
- Archives – not preservation, repository for stored information
- Organized effort to advance the Metadata Harvesting Protocol
“The OAI developed a set of interoperability standards called the OAI Protocol for Metadata Harvesting, which allows repositories to create metadata to describe content stored in the repository and make it available to others who wish to use it.”

From Raym Crow. Checklist…
Metadata Harvesting
Data and Service Providers

- *Data Providers* use the OAI protocol to expose metadata about their content.
- *Service Providers* search and harvest metadata from data providers.
OAI-PMH

- HTTP encoding between harvester and repository
- XML, XML namespaces & XML schemas
- Requirement for OAI compliance, unqualified DC metadata mandatory
- Metadata encoded in XML
- Multiple parallel metadata formats supported
All records become part of the OAI global “virtual archives”

Harvesting metadata

Search engine harvesting metadata

University of Melbourne Eprints

Free E-Prints software

Interoperable with OAI Protocol for Metadata Harvesting

Papers in all registered OAI compliant Archives Can be harvested.
University of Melbourne ePrints Repository - Chain Ladder Bias

Chain Ladder Bias. Taylor, Greg (2002) Chain Ladder Bias. Full text available as: PDF - Requires Adobe Acrobat Reader or other PDF viewer. Abstract. ...
eprints.unimelb.edu.au/archive/00000112/ - 8k - Cached - Similar pages

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eprints.unimelb.edu.au/archive/00000113/ - 9k - Cached - Similar pages

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Where do we go from here?

- More campus publicity
- Value adding - Subject thesauri
- UMER - other formats and new subject fields
- OAI and subject gateways, e.g., Agrigate
- Trialling other OAI software, TeraText, DSpace
Minerva Access is the Institutional Repository of The University of Melbourne

Author/s:
SULLIVAN, SHIRLEY; Young, E.

Title:
Establishing an eprint repository at the University of Melbourne: implementation aspects

Date:
2003

Citation:

Publication Status:
Unpublished

Persistent Link:
http://hdl.handle.net/11343/34979

File Description:
Power Point Presentation

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