

University of Tasmania Open Access Repository

Cover sheet

Title

EPrints talk - Repository Market Day

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University of Tasmania Open Access Repository

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EPrints

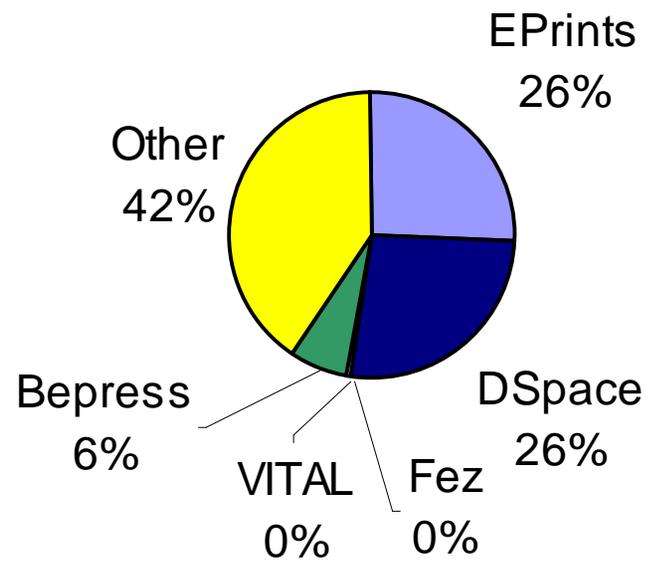
Professor Arthur Sale
University of Tasmania

Arthur.Sale@utas.edu.au

Available at <http://eprints.utas.edu.au/935/>

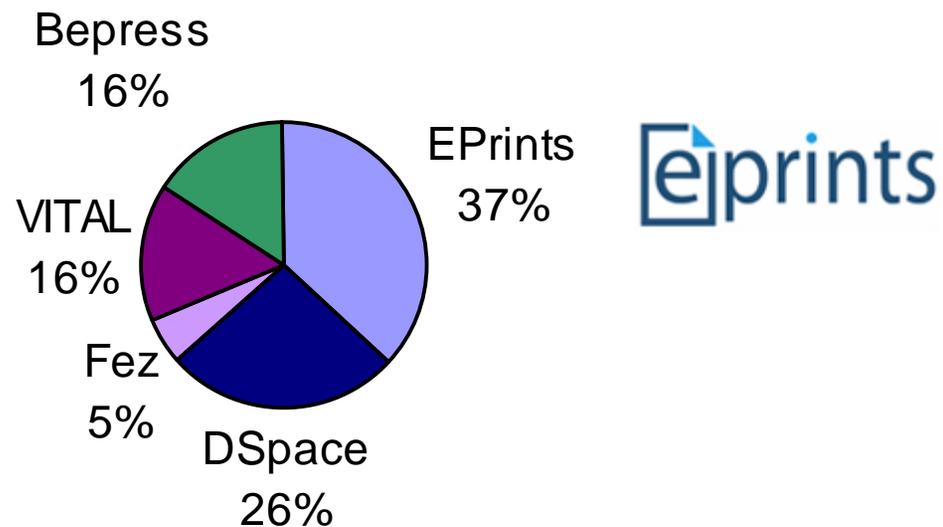
World's Best Practice

Global software share



Australian installations

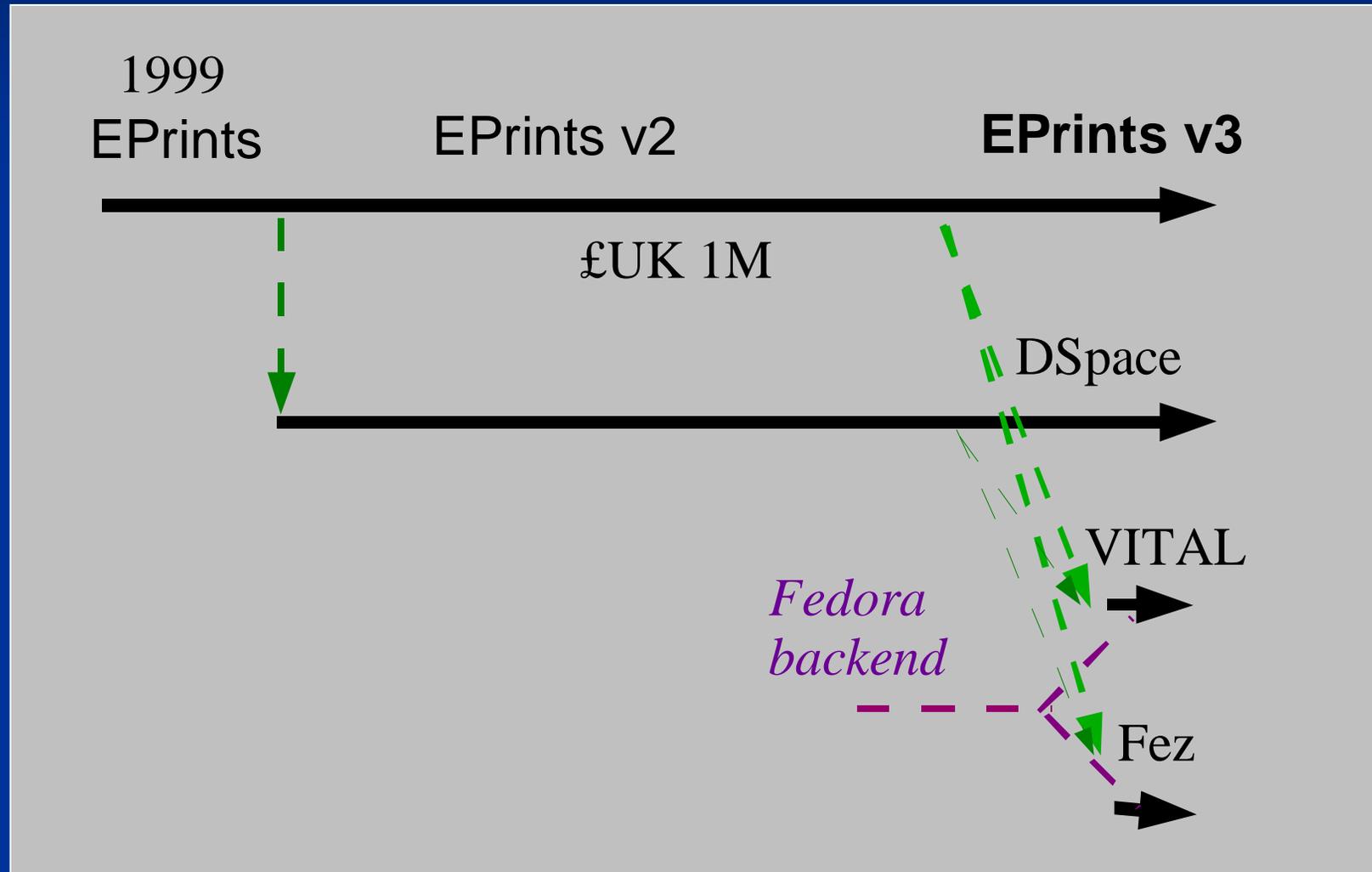
Australian software share



Basic EPrints facts

- **Free open source software**
- Written by and supported by **University of Southampton** (URLs at end)
- **EPrints Services** provides commercial services as needed.
- **First** of the major softwares to be developed
- Largely written in *perl*, uses *mySQL* database, both **free open source**
- **Easy installation, easy branding, easy customization, high reliability**

Software Timeline



Reviews of v3

- ‘A significant milestone in the journey towards the ideal repository software.’

Peter Millington and William Nixon (2007) Ariadne Issue 50.
<http://www.ariadne.ac.uk/issue50/eprints-v3-rpt/>

- ‘EPrints [is] the best candidate for a self-configuring solution for institutions wanting to set up and host their own repository.’

Technical Evaluation of Selected Repository Solutions
<https://eduforge.org/docman/view.php/131/1062/Repository%20Evaluation%20Document.pdf>

RQF Interoperability

- EPrints has **many years experience** interacting with the similar UK *Research Assessment Exercise* (RAE).
- **DEST** has investigated EPrints interaction capability and given it a tick. A few minor mods need to be made (eg special access for reviewers) as with all software.
- Complies with **ARC** and **NH&MRC** requirements
- EPrints can provide CVs for researchers, web presence, as well as useful RQF datasets. See <http://irra.eprints.org/> and <http://eprints.utas.edu.au/view/authors/>.

Leader in repository features

- EPrints has not stood still. It continues to **evolve and be developed**.
- EPrints has a record of **cutting-edge innovations** and leading the open access repository software offerings.
- Current version of EPrints (**v3**) announced in January 2007, and sets high standards which will be followed in due course by other software.
- EPrints is designed for **open access repositories**. It does not encompass all possible applications for digital repositories.

New features 2

- EPrints can feed PhD theses from the repository direct to Australasian Digital Theses (**ADT**), and has been doing so for several years at Melbourne, Tasmania and James Cook. No other software offers this convenience.
- EPrints offers a **Request Eprint** button (ID/OA) for restricted items, which automatically sends an email from the viewer to the author. If the author chooses to email a copy (two clicks), it is legally covered under normal 'fair use'.

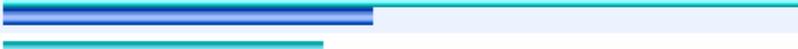
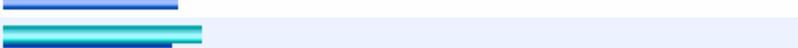
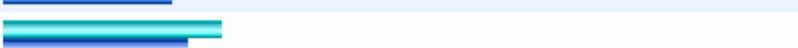
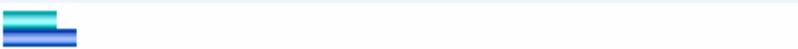
User satisfaction

- **User-oriented statistics** on downloads started on EPrints. DSpace copied EPrints' implementations, and Fez has too. Others have yet to catch up.
- For an **example**, see http://dlist.sir.arizona.edu/es/index.php?action=sow_detail_date;range=4w. This type of information greatly motivates researchers.
- The EPrints team in conjunction with UTas is working on interoperable repository statistics, so data can be **federated across repositories**.

Sample screen dump

History of views for this ePrint

The numbers in (parentheses) are the number of distinct countries that views/downloads originated from.

Period	Abstracts	Downloads	
2007 Apr	120 (10)	54 (13)	
2007 Mar	64 (8)	83 (19)	
2007 Feb	50 (13)	61 (18)	
2007 Jan	104 (17)	119 (24)	
2006 Dec	139 (13)	80 (12)	
2006 Nov	159 (14)	74 (13)	
2006 Oct	64 (12)	59 (12)	
2006 Sep	33 (11)	52 (13)	
2006 Aug	29 (9)	35 (13)	
2006 Jul	40 (7)	34 (7)	
2006 Jun	44 (13)	37 (11)	
2006 May	132 (24)	73 (10)	
2006 Apr	11 (7)	15 (7)	
2006 Mar	31 (11)	30 (7)	
2006 Feb	15 (8)	14 (3)	

Open Access

- EPrints is **optimized for Google harvesting**, especially **Google Scholar**, thus providing greater visibility for your research documents, and more citations.
- When depositing an article, you can set the date when an embargo expires and the article automatically becomes **publicly accessible** then.
- EPrints offers the **ID/OA button** feature: Buttons to allow enquirers of an embargoed article to ask the author under fair use copyright for a copy.

Sample captures

All Results

[S Patro](#)

[V Malhotra](#)

[D Johnson](#)

[Synthesise Web Queries: Search the Web by Examples - group of 4 »](#)

[V Malhotra, S Patro, D Johnson - 2005 - eprints.comp.utas.edu.au](#)

... Johnson School of Computing, Private Box 100, University of Tasmania, Hobart 7001

Australia Email: vishv.malhotra@utas.edu.au ... **Patro, S.** and **Malhotra V.** 2005 ...

[Cited by 3](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Characteristics of the Boolean Web search query: Estimating success from characteristics - group of 4 »](#)

[S Patro, V Malhotra - 2005 - eprints.comp.utas.edu.au](#)

... Box 100, University of Tasmania, Hobart 7001 Australia Email: spatro@postoffice.utas.edu.au, vishv.malhotra@utas.edu.au ... 152-169 **Malhotra, V.**, **Patro, S.** and Johnson ...

[Cited by 3](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)



[Image \(JPEG\)](#) - Repository staff only

2420Kb

[Request a copy](#)



[Image \(JPEG\) \(Duyfken, Wooden Boat Festival\)](#)

2570Kb

Advanced technology

- EPrints offers **plug-in technology** for easier customization, import and export facilities, and user-developed extensions.
- **Export** of data in standard XML formats is standard (eg BibTex, Dublin Core), as is **import** from many sources (eg PubMed), especially complying with the standard.
- **History module** and support for **preservation data export**.

Upload

- The EPrints upload interface has been optimized following a professional consultant's **usability study**.
- The result is a **fast, easy upload** facility that researchers and office staff can cope with. Training is minimal. The time taken is extremely low (<5 minutes).
- **Try it** on <http://demoprints3.eprints.org>

Demoprints3

DemoPrints



[Home](#) | [About](#) | [Browse by Year](#) | [Browse by Subject](#)

[Login](#) | [Create Account](#)

Welcome to DemoPrints

This site is a demonstration of EPrints 3.0. Please feel free to play. You may register as an administrator or editor if you want. Obviously on a normal installation you could not do this. Have fun!

 [Atom](#)  [RSS 1.0](#)  [RSS 2.0](#)

[Latest Additions](#)

View items added to the repository in the past week.

[Search Repository](#)

Search the repository using a full range of fields. Use the search field at the top of the page for a quick search.

[Browse Repository](#)

Browse the items in the repository by subject.

Upload 2

- **Customize** the upload features to improve integrity and use built-in integrity:
- EPrints offers **auto-complete** of previously entered values.
- **Authority files** can be created for authors, departments, etc.
- Auto-complete **journal titles, ISSN, publisher** from ROMEIO database

Webmasters

- Provides **RSS feeds** and **email alerts**
- Works with **Web Services 2.0** for additional functionality
- Auto-generate **CVs**, publications lists, etc
- Works with **bibliography management software**
- **High reliability** and **low downtime**
- **Easy branding** and **customization**

Future features - Management

- **User interface control panels** for all repository configurations that are currently performed by editing configuration files
- **Skins manager** for branding
- **Browse View** and **Bespoke Search editors**
- **Plugin Manager** to control non-core software
- **Calendar view**: calendar screen to track all embargo and license expirations
- **Monitoring and Visualisation of all deposit and editorial activity** to track backlogs and actively manage performance

Future features - Other

- **Process Workflow** to manage the various sequences of actions that an eprint can undergo from creation to final deposit (and beyond).
 - collaborative authoring, problem management, refereeing, copyright clearance, security clearance, IPR checking, metadata quality checks, e-journal and conference workflows.
- EPrints currently allows, but does not manage, process workflows.
 - **workflow editor** to construct 'named' workflows

Future features - Misc

- **Virtual Collections:** an individual eprint may represent a collection of other eprint items
 - image collections, workshop proceedings
- **Interoperable Statistics**
 - monitor use of individual eprints, eprint collections (per user, per research group, per community) or whole repository
- **Web Services interface**
 - currently in beta, awaiting debugging of the .NET SOAP interface.
- **Integration with Researcher's Desktop**
 - repository is just another Network Place.

'Time to Be Live'

- **RQF:** *All universities must have a repository by year end 2007.*
- **Interpret:** the repository should be live by July/August to allow for populating the resource over the next six months and developing portfolios.
- **Consequence:** How can you get a repository running by **31 July**?
- **Funding:** Reasonable expenditure retrospectively claimable from ASHER grants.

Community

- Belong to an **international community** of EPrints users (222 repositories at current count, 26% of all globally).
- Use **Australian resources** such as
 - ozeprints (mailing list)
 - AuseAccess (wiki)
 - AuseSearch (federated Google search)
- Get direct support from **other EPrints users**. For example UTas has interacted with Melbourne and QUT, and assisted Otago (NZ) and James Cook to get operational. Advice from peers is free and readily given.

'EPrints Services'

- Commercial basis for services
- Installation \$A20,000; recurrent \$A3550 pa
- Installation *and* customization \$A29,000; recurrent \$A5350 pa
- Shared consortial solutions, see for example the White Rose Consortium (POA) at <http://eprints.whiterose.ac.uk/>
- Fully outsourced solutions – \$A64,000; recurrent \$A11,300 pa. 'No worries'
- Prices valid for two months from 4 May 2007

Contacts

- This presentation with all links is available at <http://eprints.utas.edu.au/935/>.
- Presenter: Arthur Sale, email Arthur.Sale@utas.edu.au
- Southampton EPrints queries: Les Carr lac@ecs.soton.ac.uk
- EPrints Website and download: <http://www.eprints.org/>

Australian EPrints sites

- Tasmania <http://eprints.utas.edu.au/>
- Melbourne <http://eprints.unimelb.edu.au/>
- QUT <http://eprints.qut.edu.au/>
- USQ <http://eprints.usq.edu.au/>
- Curtin <http://espace.lis.curtin.edu.au/>
- Victoria U <http://eprints.vu.edu.au/>
- James Cook <http://eprints.jcu.edu.au/>

Resources 1



Interesting sample EPrints repositories

- dLIST USA <http://dlist.sir.arizona.edu/>
- Otago NZ <http://eprints.otago.ac.nz/>
- Southampton UK <http://eprints.ecs.soton.ac.uk/>
- Cardrona Repository (a local community)
<http://cardrona.eprints.otago.ac.nz/>
- Serpent Project (marine image database, search for 'piglet squid') <http://serpent.eprints.org/>
- Crystallography <http://ebank.eprints.org/144/>.

Resources 2

- AuseAccess wiki
<http://leven.comp.utas.edu.au/AuseAccess/>
- AuseSearch (federated search on all existing Australian & NZ repositories)
<http://www.utas.edu.au/copyright/eprints/search.html>
- ARROW Discovery Service (federated search on a subset of Australian repositories)
<http://search.arrow.edu.au/apps/ArrowUI/>

The End



ePrints

[ePrints home](#) | [about](#) | [browse](#) | [search](#) | [register](#) | [user area](#) | [help](#)

UTas ePrints is a digital archive that provides full-text access to publications by current University of Tasmania staff and higher degree students including journal articles, books, conference papers and theses. It is a growing collection providing free, searchable, open access to the research output of the University of Tasmania. The collection was operated for its first two years (2004-6) by the School of Computing.

Search

- ▶ [simple](#)
- ▶ [advanced \(by full set of fields\)](#)

Browse

- ▶ [by subject](#)
- ▶ [by year](#)
- ▶ [by author](#)
- ▶ [by latest additions](#)

About

- ▶ [ePrints](#)
- ▶ [contact information](#)
- ▶ [library home](#)

User Area

- ▶ [deposit an item](#)
- ▶ [review or edit an item](#)

Register as a User

- ▶ [registration form](#)
- ▶ [reset password](#)

FAQ and Help

- ▶ [copyright & general FAQs](#)
- ▶ [help with browsing, searching and depositing](#)

Statistics