

## University of Tasmania Open Access Repository

### Cover sheet

**Title**

EPrints talk - Repository Market Day

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**Bibliographic citation**

Sale, AHJ (2007). EPrints talk - Repository Market Day. University Of Tasmania. Conference contribution.  
[https://figshare.utas.edu.au/articles/conference\\_contribution/EPrints\\_talk\\_-\\_Repository\\_Market\\_Day/23213168](https://figshare.utas.edu.au/articles/conference_contribution/EPrints_talk_-_Repository_Market_Day/23213168)

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**University of Tasmania Open Access Repository**

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# EPrints

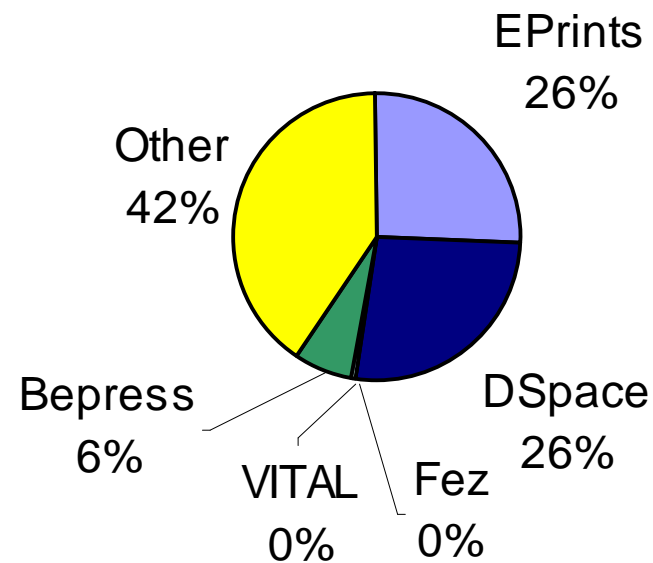
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University of Tasmania

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

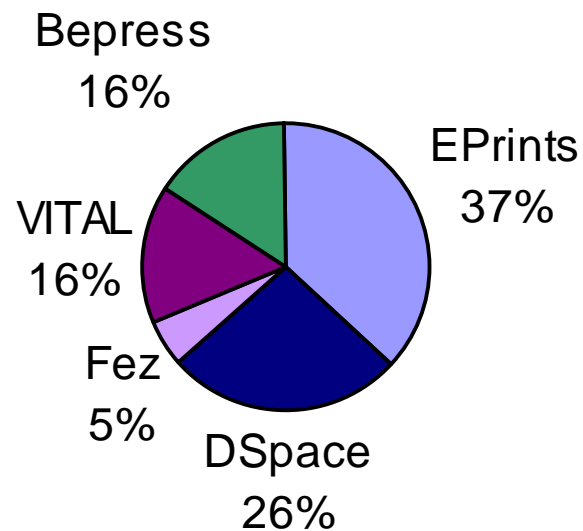
# World's Best Practice

## Global software share



# Australian installations

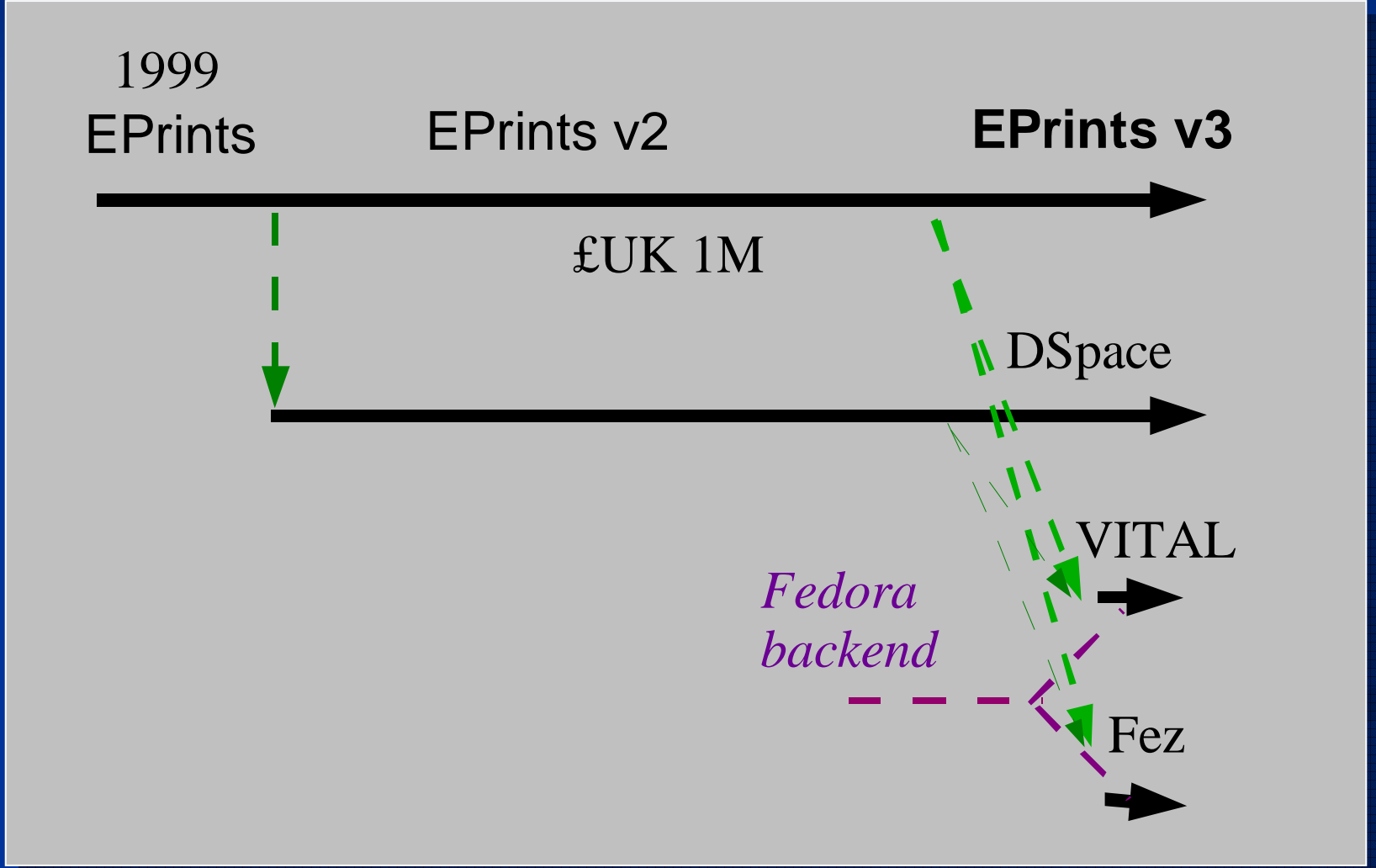
## Australian software share



# 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'.

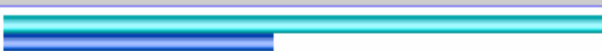




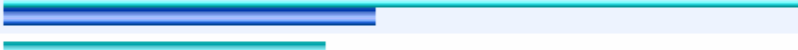
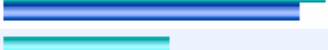








# User satisfaction

- **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=show\\_detail\\_date;range=4w](http://dlist.sir.arizona.edu/es/index.php?action=show_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	
<a href="#">2007 Apr</a>	120 (10)	54 (13)	
<a href="#">2007 Mar</a>	64 (8)	83 (19)	
<a href="#">2007 Feb</a>	50 (13)	61 (18)	
<a href="#">2007 Jan</a>	104 (17)	119 (24)	
<a href="#">2006 Dec</a>	139 (13)	80 (12)	
<a href="#">2006 Nov</a>	159 (14)	74 (13)	
<a href="#">2006 Oct</a>	64 (12)	59 (12)	
<a href="#">2006 Sep</a>	33 (11)	52 (13)	
<a href="#">2006 Aug</a>	29 (9)	35 (13)	
<a href="#">2006 Jul</a>	40 (7)	34 (7)	
<a href="#">2006 Jun</a>	44 (13)	37 (11)	
<a href="#">2006 May</a>	132 (24)	73 (10)	
<a href="#">2006 Apr</a>	11 (7)	15 (7)	
<a href="#">2006 Mar</a>	31 (11)	30 (7)	
<a href="#">2006 Feb</a>	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](mailto: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](mailto:spatro@postoffice.utas.edu.au), [vishv.malhotra@utas.edu.au](mailto: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](mailto:Arthur.Sale@utas.edu.au)
- Southampton EPrints queries: Les Carr [lac@ecs.soton.ac.uk](mailto: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