

EVENTOS

IX WORKSHOP REBIUN DE PROYECTOS DIGITALES.

INVESTIGACIÓN, INNOVACIÓN E INFORMACIÓN: TENDENCIAS EN LOS SISTEMAS DIGITALES DE
GESTIÓN DE LA PRODUCCIÓN CIENTÍFICA.

2009

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Eprints and the evaluation of scientific production:
a useful tool but it is not enough



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Eprints and the evaluation of scientific production:
a useful tool but it is not enough

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CILEA

The general environment: Open Archive

- To create an ad hoc habitat for scientific production in the Web
- To distribute it and to increase its impact
- Control return to authors / research institutions
- Less intermediary between researchers

Main goals of Eprints / Dspace

- Spread as much as possible publications
- Expose metadata
- Support an institutional open archive mandate
- Insert easily metadata and full-texts

Eprints/Dspace and the evaluation

The evaluation is not in the core of Eprints/Dspace software

But why we could speak about it?

Eprints/Dspace and the evaluation

- Give support to evaluation of the scientific production is the first request that users do to archive maintainers
- It is used as extra feature for improve submissions into the archive
- It is strictly connect with Open Access world and milieu

Eprints/Dspace and the evaluation

- We start from those softwares but are not enough
- We reuse information still present
- We could see them as a part of a more complex management of digital objects
- A good start is to see available best practise and to study well one's own needs
- I'm going to speak about Eprints but with Dspace is the same.

The E-LIS experience with Eprints

- You can calculate the Usage Factor (UF), how much the repository is used
- <http://www.uksg.org/sites/uksg.org/files/FinalReportUsageFactorProject.pdf>
- Numbers of view (of metadata) and download (of full text)
- Based on log of software
- Adds-on or specific development

The E-LIS experience with Eprints

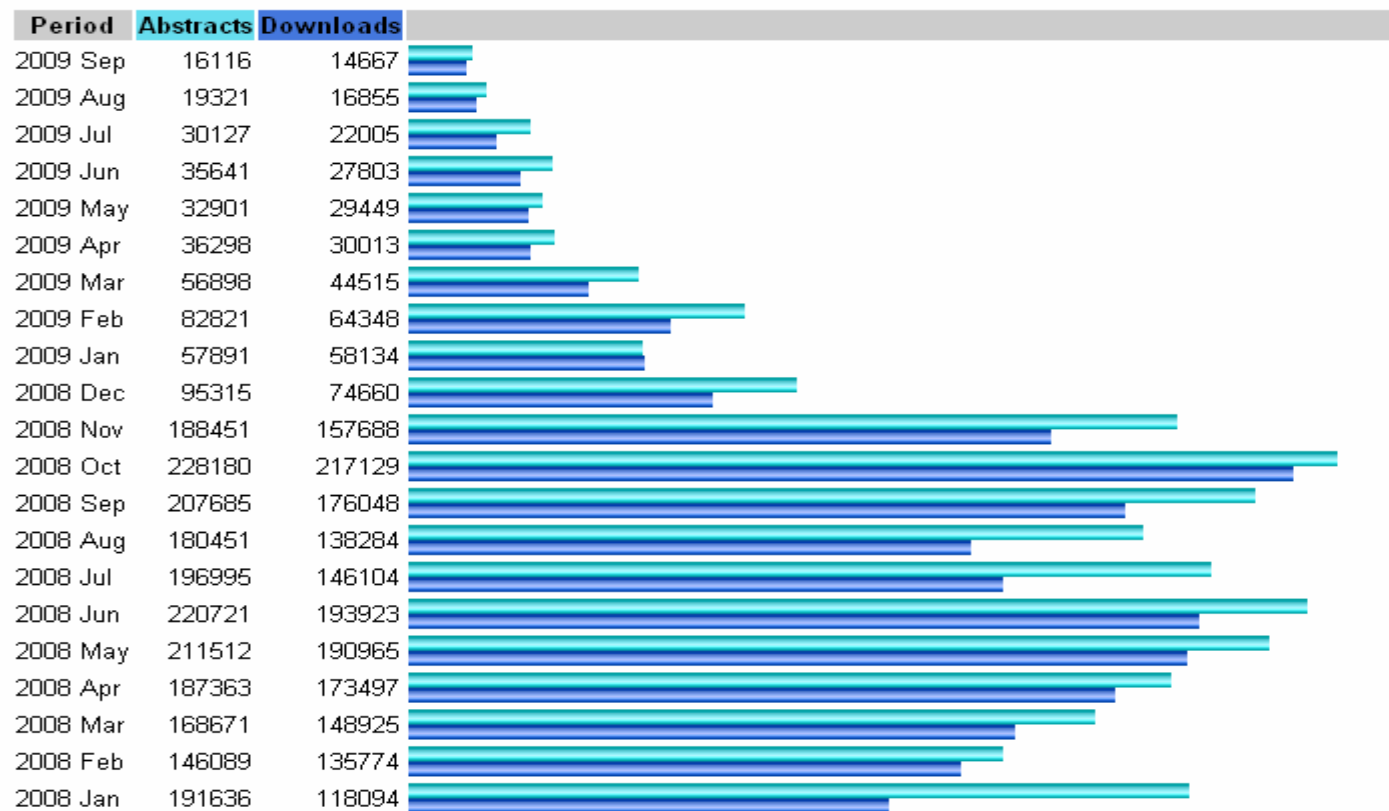
- E-LIS uses an add-on written by University of Tasmania with specific modifications
- The modifications are shared with all Eprints installations
- Statistic at repository level and statistics about each item
- In the future: aggregation based on author's name

The E-LIS experience with Eprints

Statistics

Abstract views and document downloads by month/year

Last update : 20-9-2009



The E-LIS experience with Eprints

Statistics

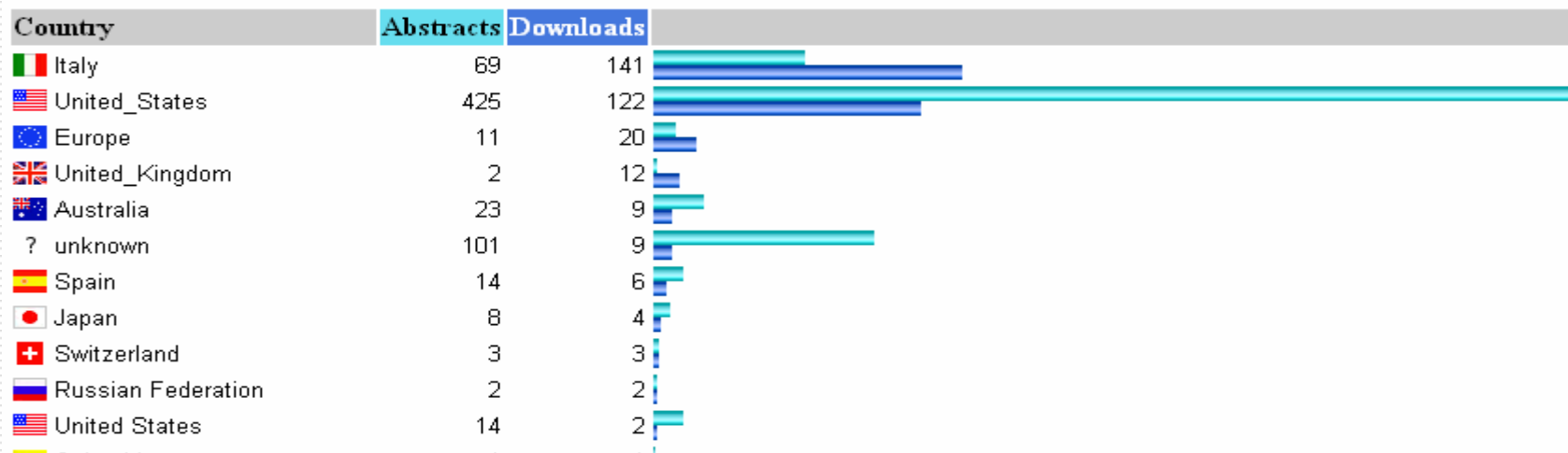
A proposito del "nome formale di congressi"

For this eprint: [[Past four weeks](#)] [[This year](#)] [[Last year](#)] [[All years](#)]

Abstract views and document downloads



Views by country (derived from IP address of query) for all years



The E-LIS experience with Eprints

- You could see a wide drop this year
- Why: E-LIS is not in Google, too high the load on the system.
- Usage Factor data must be see in a proper context

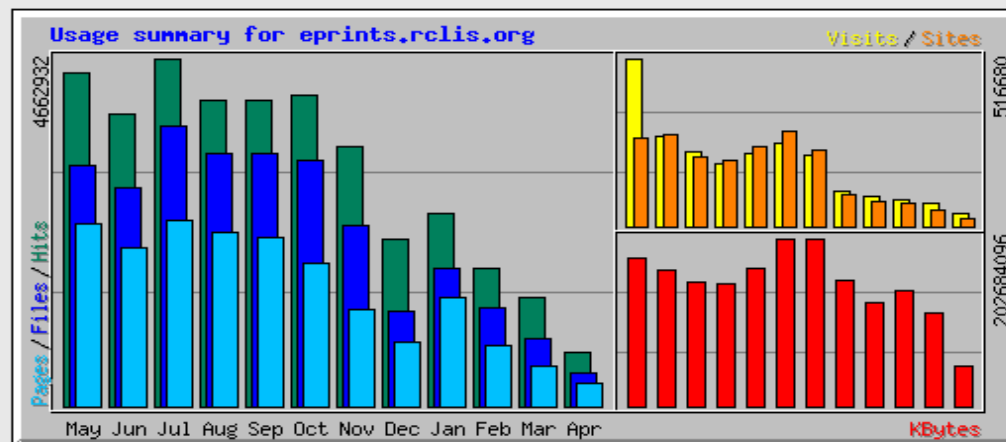
The E-LIS experience with Eprints

- Are useful also statistics on generic web traffic
- To have an idea of the site as all
- You could compare the Open Access archive with more generic web sites
- It is connect with Usage Factor

The E-LIS experience with Eprints

Usage Statistics for Eprints eprints.rclis.org

Summary Period: Last 12 Months
 Generated 24-Apr-2009 15:42 CEST



Summary by Month										
Month	Daily Avg				Monthly Totals					
	Hits	Files	Pages	Visits	Sites	KBytes	Visits	Pages	Files	Hits
Apr 2009	37655	24119	16700	1949	24555	48719932	37047	317300	458268	715451
Mar 2009	46733	29023	17371	2376	52281	112910787	73683	538509	899743	1448731
Feb 2009	66171	47443	29056	3010	69766	139212558	84307	813583	1328408	1852808
Jan 2009	83069	59864	47254	2994	75360	125870096	92823	1464875	1855799	2575168
Dec 2008	71942	41087	27576	3464	98436	152820762	107392	854885	1273719	2230222
Nov 2008	116049	80774	42941	7368	235800	202684096	221069	1288249	2423232	3481489

The E-LIS experience with Eprints

- 2° point about evaluation:** reuse of metadata
- Metadata in the archive could be used by national evaluation systems (the UK Research Assessment Exercises for example)
- Archives have well structured metadata, much better of CV on WORD

The E-LIS experience with Eprints

- It is possible to send automatically metadata to the national system if you are an institutional archive.
- E-LIS has sent specify sets of metadata done with SQL. It is impossible to do a setup for all countries in the world.

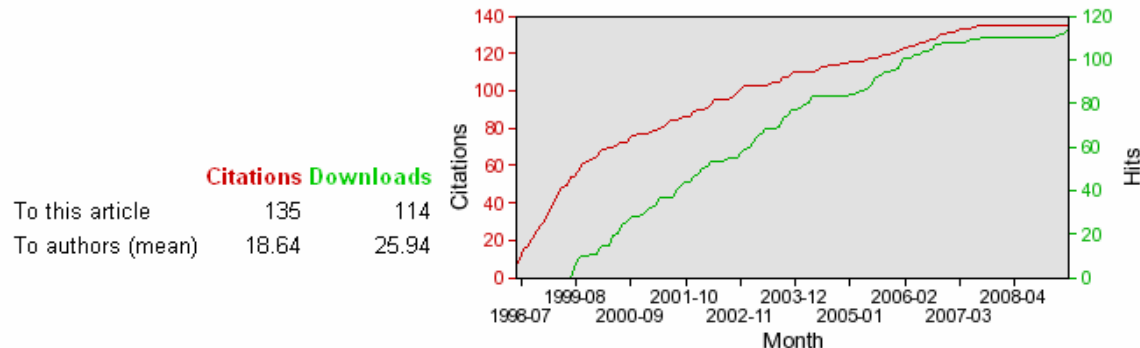
The E-LIS experience with Eprints

- 3° point about evaluation: the links of work on the web
- Every work in E-LIS has its citation into metadata.
- It is possible to connect works using the and to count the links. So you something like Impact Factor
- <http://www.citebase.org> (experimental)

The E-LIS experience with Eprints

Full-text available from: [Cached PDF](#)
[Linked PDF \(experimental\)](#)
 JHEP 9808 (1998) 013
<http://arxiv.org/abs/hep-th/9807033>
 Export record as: [BibTeX](#)

Citebase is currently only an experimental demonstration. Users are cautioned not to use it for academic evaluation yet. Citation coverage and analysis is [incomplete](#) and hit coverage and analysis is both [incomplete](#) and [noisy](#).



[Citations](#) [Downloads](#) [Authors](#)
[Cited by](#) [References](#) [Co-cited with](#) [Cites similar articles to](#)

? Show the top 5 most cited articles that have been identified by Citebase as citing this article (to see all citing articles identified by Citebase follow the bottom link)

[Large N Field Theories, String Theory and Gravity](#) [[Abstract](#), [1461 Cites](#), [Pre-print PDF](#)]

The E-LIS experience with Eprints

- But many problems with references
- Very hard to parse them
- You need also to share downloads, more work for repository maintainers

For an easier evaluation

- Less standard on writing citations
- The ISO standard on citations?

- Authority sources for names
- The OpenID ?

- A better definition of view and download
- COUNTER for Open Archive?

THE END

Questions ?