Enlighten: A Suite of Metrics and Altmetrics

EPrints Interest Group, June 2014
Open Repositories 2014, Helsinki, Finland

William J Nixon
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Brewster's Millionth for Enlighten

Enlighten, the University's publications database and open access repository, has recorded its one millionth download of Glasgow research.

The one millionth download was a 2004 conference paper by Professor Stephen Brewster entitled "Tactons: structured tactile messages for non-visual information display" [eprints.gla.ac.uk/3443/]. There have been over 12,300 downloads of Professor Brewster's papers in Enlighten since January 2009.

Susan Ashworth, Deputy Director of Library Services, was delighted to present Professor Brewster with a bottle of champagne and said: "Downloads and access to Enlighten continue to go from strength, demonstrating the importance of making the University's research freely available".

A download statistics dashboard [eprints.gla.ac.uk/cgi/stats/report] has been added to Enlighten which enables staff to see the overall downloads as well as their own download totals or those of their school or College. A similar dashboard has been added to the Glasgow Theses service [theses.gla.ac.uk/cgi/stats/report] and there are now over 60,000 theses downloads per week.
Statistics

Downloads

Activity Overview

12,497 Items
28% Full text

1,531,198 Downloads
24% Open access

Most cited items
1. The tetratricopeptide repeat: A structural motif mediating protein-protein interactions
  637
2. Flavonoids in Food and Their Health Benefits
  346
3. Moderate exercise during growth in prepubertal boys: changes in bone mass, size
  298

Most downloaded items
1. Special events and tourism behaviour: a conceptualisation and an empirical analysis from a values perspective
  15,418
2. Chinese And Australian Students' Cultural Perceptions: A Comparative Study
  13,888
3. The Influence of Price...
This is IRStats2 development repository. Note that the software is still at the beta stage, but it should be good enough for testing on your repository.

Fixes #49, thanks to #ljmb

<table>
<thead>
<tr>
<th>File</th>
<th>Description</th>
<th>Author</th>
<th>Last commit</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>bin</td>
<td>Fixes #2 (sort cf)</td>
<td>sebastfr</td>
<td>853eae10b</td>
<td>8 months ago</td>
</tr>
<tr>
<td>cfg</td>
<td>Fixes #49, thanks to #ljmb</td>
<td>sebastfr</td>
<td>853eae10b</td>
<td>13 days ago</td>
</tr>
<tr>
<td>cgi</td>
<td>Use phrases</td>
<td>sebastfr</td>
<td>853eae10b</td>
<td>5 months ago</td>
</tr>
<tr>
<td>epm</td>
<td>v0.0.5 added to epm/</td>
<td>sebastfr</td>
<td>853eae10b</td>
<td>1 year ago</td>
</tr>
<tr>
<td>moprints</td>
<td>Added basic MoPrints widget for IRStats2</td>
<td>sebastfr</td>
<td>853eae10b</td>
<td>2 months ago</td>
</tr>
<tr>
<td>INSTALL</td>
<td>Update INSTALL</td>
<td>sebastfr</td>
<td>853eae10b</td>
<td>a year ago</td>
</tr>
<tr>
<td>README.md</td>
<td>Update README.md</td>
<td>sebastfr</td>
<td>853eae10b</td>
<td>8 months ago</td>
</tr>
</tbody>
</table>
WELCOME TO IRUS-UK

Following on from the successful PIRUS2 project, which demonstrated how COUNTER-compliant article-level usage statistics could be collected and consolidated from Publishers and Institutional Repositories (IRs), Jisc have provided funding to establish 'IRUS-UK', a national aggregation service, containing details of all content downloaded from UK participating IRs.

IRUS-UK is a Jisc-funded repository and infrastructure service.

BENEFITS

The service will consolidate COUNTER-compliant statistics providing opportunities to demonstrate the value and impact of IRs. It will:

- facilitate comparable, standards-based measurements
- provide an evidence base for repositories to develop policies and initiatives to help support their objectives
- provide consistent and comprehensive statistics, presenting opportunities for benchmarking at a national level

PARTICIPANT QUOTE

[Potential benefits include] providing a more realistic / useful
OVERALL SUMMARY AS AT 12TH JUN 2014

This table provides an "at a glance" summary of data in IRUS-UK including: number of participating repositories, number of items downloaded from these repositories since they joined, and numbers of downloads (in total, to the end of the previous month, and during the current month). It also shows the latest date for which data is available in IRUS-UK.

Download this table as a PDF

<table>
<thead>
<tr>
<th>Headlines at a glance</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Repositories</td>
<td>61</td>
</tr>
<tr>
<td>Items</td>
<td>216,136</td>
</tr>
<tr>
<td>Downloads up to May 2014</td>
<td>16,607,648</td>
</tr>
<tr>
<td>Downloads this month</td>
<td>455,244</td>
</tr>
<tr>
<td>Total Downloads</td>
<td>17,062,892</td>
</tr>
</tbody>
</table>
ITEM TYPES REPORT

This table provides a breakdown of the item types used by participating repositories that have been mapped to each of the IRUS-UK item types used in the Item Type Statistics table.

Download this table as a PDF

COMPARISON OF IRUS-UK ITEM TYPES AND REPOSITORY ITEM TYPES

<table>
<thead>
<tr>
<th>IRUS-UK item type</th>
<th>Repository item type</th>
<th>No. of items</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art/Design Item</td>
<td>Art Object; NonPeerReviewed</td>
<td>15</td>
</tr>
<tr>
<td>Art/Design Item</td>
<td>Art Object; PeerReviewed</td>
<td>1</td>
</tr>
<tr>
<td>Art/Design Item</td>
<td>Artist's Book; NonPeerReviewed</td>
<td>1</td>
</tr>
<tr>
<td>Art/Design Item</td>
<td>Artwork</td>
<td>25</td>
</tr>
<tr>
<td>Art/Design Item</td>
<td>Artwork/Design Object; NonPeerReviewed</td>
<td>46</td>
</tr>
<tr>
<td>Art/Design Item</td>
<td>Artwork; Image</td>
<td>1</td>
</tr>
<tr>
<td>Art/Design Item</td>
<td>Design; NonPeerReviewed</td>
<td>19</td>
</tr>
<tr>
<td>Art/Design Item</td>
<td>painting</td>
<td>1</td>
</tr>
<tr>
<td>Article</td>
<td>Article</td>
<td>5,287</td>
</tr>
<tr>
<td>Article</td>
<td>Article (Literature review, Editorial)</td>
<td>19</td>
</tr>
<tr>
<td>Article</td>
<td>Article; Accepted Version</td>
<td>1</td>
</tr>
<tr>
<td>Article</td>
<td>Article; Audio file; Postprint</td>
<td>1</td>
</tr>
<tr>
<td>Article</td>
<td>Article; Case study</td>
<td>1</td>
</tr>
<tr>
<td>Article</td>
<td>Article; Journal article</td>
<td>1</td>
</tr>
<tr>
<td>Article</td>
<td>Article; NonPeerReviewed</td>
<td>7,738</td>
</tr>
</tbody>
</table>
# Item Report 1 (IR1), Number of Successful Item Download Requests by Month and Repository Identifier

<table>
<thead>
<tr>
<th>ID</th>
<th>Title</th>
<th>Author(s)</th>
<th>Itemtype</th>
<th>Jan-2014</th>
<th>Feb-2014</th>
<th>Mar-2014</th>
<th>Apr-2014</th>
<th>May-2014</th>
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</thead>
<tbody>
<tr>
<td><a href="http://eprints.lse.ac.uk/29022/">link</a></td>
<td>Managing non-profit organisations: towards a new approach</td>
<td>Anheier, Helmut K.</td>
<td>Book</td>
<td>84,321</td>
<td>84,321</td>
<td>103,838</td>
<td>96,958</td>
<td>97,541</td>
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<tr>
<td><a href="http://eprints.lse.ac.uk/9576/">link</a></td>
<td>Policing ethnic minority communities</td>
<td>Bowling, Ben; Phillips, Coretta</td>
<td>Book Section</td>
<td>807</td>
<td>818</td>
<td>1,091</td>
<td>1,168</td>
<td>1,056</td>
</tr>
<tr>
<td><a href="http://eprints.lse.ac.uk/5553/">link</a></td>
<td>Thatcherism, new Labour and the welfare state</td>
<td>Hills, John</td>
<td>Book</td>
<td>734</td>
<td>595</td>
<td>1,039</td>
<td>852</td>
<td>762</td>
</tr>
<tr>
<td><a href="http://eprints.lse.ac.uk/52630/">link</a></td>
<td>Zero to eight: young children and their internet use</td>
<td>Holloway, Donnell; Green, Leia; Livingstone, Sonia</td>
<td>Book</td>
<td>857</td>
<td>707</td>
<td>743</td>
<td>660</td>
<td>604</td>
</tr>
</tbody>
</table>
PIRUS/IRUS-UK PUSH Implementation

Brody, Tim and Bradley, Justin and Francois, Sebastien (2014) PIRUS/IRUS-UK PUSH Implementation.

This is the latest version of this eprint.

Official URL: http://www.cranefieldlibrary.cranfield.ac.uk/pirus2/tiki-index.php

Item Type: Script
EPrints 3 > EPrints 3.3
Official URL: http://www.cranefieldlibrary.cranfield.ac.uk/pirus2/tiki-index.php
License: Other
EPrints 3 > EPrints 3.3
Date: 27 May 2014
Creators Name: Brody, Tim and Bradley, Justin and Francois, Sebastien
Department: School of Electronics and Computer Science
Institution: University of Southampton
Date Deposited: 27 May 2014 13:02
Last Modified: 27 May 2014 13:02
Wiki Page: Files/PIRUS/IRUS-UK PUSH Implementation
Date Deposited: 27 May 2014 13:02

Abstract

The aim of the PIRUS2 Project is to enable publishers, repositories and other organizations to generate and share authoritative, trustworthy usage statistics for the individual articles and other items that they host. v1.05 conforms to 2014 Guidelines.

Requirements

Requires 3.2.3 for TRIGGER and COUNTER robots list.
Why altmetrics and Enlighten?

• Opportunities to add value and engage with (and empower) academic colleagues
• Complimentary to traditional metrics (citations)
• Discovering new outlets for content
• Exploring new measures of impact or “just empty buzz” [altmetrics manifesto]
• Chance to working with services like Altmetric.com
• Ease of integration with repositories (like EPrints)
• Getting in on the ground floor
Glasgow’s Altmetric Timeline

• Sep 12 - Elsevier/Scopus tweet about Altmetric integration
• Jan 13 - Euan's Altmetrics/repository blog post
• May 13 - Altmetrics demo to University staff
• July 13 - Discussions with EPrints - City example
• Late July – EPrints demo “With and without Altmetrics”
• Aug 13 – Added API key, soft launched for all DOIs
• Ongoing advocacy and demos of Altmetrics in Enlighten
Altmetrics in libraries and institutional repositories

Euan Adie
January 22, 2013 12 Comments

We get asked a lot about the use of Altmetric data by academic libraries and institutional repositories so I figured it was worth outlining the services we offer and extending an invite to have a chat to anybody else who is curious – we’re always happy to hear your thoughts on altmetrics in general and to give talks or demos. You can reach me directly at euan@altmetric.com.

(for an overview of the potential uses of alt-metrics by libraries that includes reviews of other tools check out Stacey Konkiel’s awesome Altmetrics: An App Review slides or view the video of her talk here)

Explorer access – free for individual librarians, paid site licenses for researchers

If you’re a librarian at an academic institution we’d love for you to sign up for a free librarian account for the Altmetric Explorer, our analysis and discovery tool. Poke around, check out the data, set up some reports, use it to help patrons... and keep it for as long as you like.

Just drop us a line at support@altmetric.com using your institutional email address and we’ll get you set up with a login and a quick demo, if desired.

If you think access would be useful to your researchers or students too ping us about sorting out a paid site license which’ll enable us to keep developing the service.

(note that if you’re not a librarian you can still use our free bookmarklet)

Integration with Ex Libris’ Primo

Last month Ex Libris added a free Altmetric tab plugin to EL Commons. Anybody can download and install it at which point their users will be able to add Altmetric scores to any results (just a single click) and toggle between Open Access and All results. It’s free, so give it a try and let us know what you think.

About this blog

Welcome to the official blog of Altmetric. We’re a London-based company that is focused on making article level metrics easy for authors, readers, librarians, funders, publishers, and anyone who engages with scholarly research.

This blog is our platform for exploring and conducting altmetrics research, revealing interesting stories that lie behind scholarly articles, and unveiling new Altmetric features.

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Fill in your details below to request access to the trial version of the platform, where you’ll be able to:

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• Explore sample institutional specific data in the departmental and subject tabs
• Create and save custom reports

Interested in Altmetric for Institutions?

Let us know your email address and we’ll be in touch.
A new twist on the Doppler shift


Full text not currently available from Enlighten.

Publisher's URL: http://dx.doi.org/10.1063/PT.3.2286

Abstract

Light with orbital angular momentum will undergo a frequency shift when it bounces off a rotating object.
The Altmetric API
Deliver article level metrics to your authors and users.

Altmetric does all the heavy lifting involved in extracting, disambiguating and collating mentions of scholarly works online, allowing you focus on your core product.

The Altmetric API gives you programmatic access to the article level metrics data associated with articles and datasets collected by Altmetric.

Deliver a wealth of data with the Altmetric API

With the Altmetric API, you can unlock the full potential of article level metrics for your journal platform or project.

A wealth of data
Complement conventional article level metrics such as download counts and citations with social media conversations, news stories and policy documents.

Reliable, enterprise-level performance
We handle millions of API calls every week, and use it ourselves in our Explorer app and embeddable badges.

Flexible data to suit your needs
With complete access to all of the conversations that Altmetric collects, you can have the freedom to showcase the metrics that matter most to your users.

Using the Altmetric API

With a commercial license for the API, you’ll be able to view detailed altmetrics about articles, download Altmetric data in bulk, perform complex queries and remove all rate limits.
Direct measurement of a 27-dimensional orbital-angular-momentum state vector


Full text not currently available from Enlighten.

Publisher's URL: http://dx.doi.org/10.1038/ncomms4115

Abstract

The measurement of a quantum state poses a unique challenge for experimentalists. Recently, the technique of 'direct measurement' was proposed for characterizing a quantum state in situ through sequential weak and strong measurements. While this method has been used for measuring polarization states, its real potential lies in the measurement of states with a large dimensionality. Here we show the practical direct measurement of a high-dimensional state vector in the discrete basis of orbital angular momentum. Through weak measurements of orbital angular momentum and strong measurements of angular position, we measure the complex probability amplitudes of a pure state with a dimensionality, d=27. Further, we use our method to directly observe the relationship between rotations of a state vector and the relative phase between its orbital-angular-momentum components. Our technique has important applications in high-dimensional classical and quantum information systems and can be extended to characterize other types of large quantum states.
Direct measurement of a 27-dimensional orbital-angular-momentum state vector

So far Altmetric has seen 15 stories from 12 outlets.

Peeking into Schrödinger's box: Direct measurement shows potential for quantum information
Phys.org
Until recently measuring a 27-dimensional quantum state would have been a time-consuming, multistage process using a technique c...
2014-01-20T10:00:00+00:00

Peeking into Schrödinger's box
EurekAlert!
(University of Rochester) Until recently measuring a 27-dimensional quantum state would have been a time-consuming, multistage ..
2014-01-20T05:00:00+00:00

Peeking into Schrödinger's box
R&D
Until recently, measuring a 27-dimensional quantum state would have been a time-consuming, multistage process using a technique ..
2014-01-20T14:45:23+00:00

Peeking into Schrödinger's Box
Science Newsline
Until recently measuring a 27-dimensional quantum state would have been a time-consuming, multistage process using a technique c...
2014-01-20T14:33:00+00:00

Peeking into Schrödinger's Box
Science News
Until recently a 27-dimensional quantum state would have been a time-consuming, multistage process using a technique c...
2014-01-20T16:05:09+00:00
Fractality of light's darkness


Full text not currently available from Enlighten.

Abstract

Natural light fields are threaded by lines of darkness. For monochromatic light, the phenomenon is familiar in laser speckle, i.e., the black points that appear in the scattered light. These black points are optical vortices that extend as lines throughout the volume of the field. We establish by numerical simulations, supported by experiments, that these vortex lines have the fractal properties of a Brownian random walk. Approximately 73% of the lines percolate through the optical beam, the remainder forming closed loops. Our statistical results are similar to those of vortices in random discrete lattice models of cosmic strings, implying that the statistics of singularities in random optical fields exhibit universal behavior.
Altmetric

Display altmetric's badges on summary pages. Visit the altmetric web-site for more information:
http://www.altmetric.com/

Item Type: EPM
Version: 1.0.5
SWORD Depositor: Sebastien Francois
Depositing User: Sebastien Francois
Date Deposited: 21 Nov 2013 17:02
Last Modified: 21 Nov 2013 17:02
URI: http://bazaar.scripts.org/d/eprint/249
File List: epm/altmetric/cgi/cgi.d2z_altmetric.pl
epm/altmetric/cgi/altmetric
lang/en/altmetric/altmetric.xml
plugins/PrintPlugin/Screen/EPtntBox/Altmetric.pm
static/images/epm/altmetric.png
static/javascript/auto/99_altmetric.js
static/style/auto/altmetric.css

Other Versions:  ● Altmetric (deposited 24 Oct 2013 12:30)
    ● Altmetric (deposited 30 Oct 2013 08:48)
    ○ Altmetric (deposited 21 Nov 2013 17:02) [Currently Displayed]
The Altmetric Bookmarklet

Instantly get article level metrics for any recent paper, for free.

Reading a paper and want to find out its Altmetric details? Install our free bookmarklet for Chrome, Firefox and Safari.

Simply drag the button below to your bookmarks bar, navigate to a journal article page, and hit "Altmetric it!"

1. Add bookmarklet to your bookmarks toolbar
2. Visit any paper
3. Get article level metrics with a single click

More details on how to get started
Metrics and Altmetrics: Take the plunge…
Find out More

• IRUS-UK
• altmetrics manifesto
• Altmetric.com
• Enlighten
• Altmetric EPrints Bazaar plug-in