

USAGE STATISTICS AND METRICS

REPOSITORY-specific tools

- <http://www.apsr.edu.au/best/index.htm>
BEST (Benchmark Statistics Service)
 APSR project
 Project not yet completed: planned handover to APSR cancelled but future plan is to resume work under ANDS or similar
- <http://logec.repec.org/about.htm>
LogEc
 Hosted by Orebro University. Collects usage statistics from 5 collections of economics papers and merges them to produce a monthly report. Measures full-text downloads as well as page/abstract views
- <http://www.dini.de/projekte/oa-statistik/>
OA-Statistik
 Initiative of DINI
 Four (university) project partners
 Linked to LIBER, JISC, DRIVER
- <http://irs.eprints.org/>
IRS (Interoperable Repository Statistics)
 Output: API for collecting download data from EPrints and DSpace repositories
- DSpace Statistics**

JOURNAL-level usage

- <http://www.niso.org/workrooms/sushi>
SUSHI (Standardized Usage Statistics Harvesting Initiative)
 ANSI/NISO standard Z39.93
 Harvests and aggregates usage reports (e.g. COUNTER-compliant reports) using a Web services framework
 Built on SOAP for transferring request and response messages
- COUNTER**
 Journal-level statistics (moving to article-level)
 Counts only clicks and only additional functionality is to dis-count double-clicks
- <http://www.uksg.org/usagefactors>
Usage Factor
 Joint effort of the United Kingdom Serials Group (UKSG) and COUNTER to establish a Journal Usage Factor based on COUNTER data

General website usage tools

- AWStats**
<http://awstats.sourceforge.net/>
 Open Source, GNU licence
 Lots of plug-ins (e.g. for country detection)
- Google Analytics**
- Piwik**
<http://piwik.org/>
 Website usage analytical package. Aims to be a rival to Google Analytics

Current projects

PIRUS (Publisher and IR Usage Statistics)

<http://www.jisc.ac.uk/whatwedo/programmes/pals3/pirus.aspx>
 Project ends Dec 08
 Aim is to develop COUNTER-compliant usage reports at the individual article level that can be implemented by any entity (publisher, aggregator, IR, etc.) that hosts online journal articles and will enable the usage of research outputs to be recorded, reported and consolidated at a global level in a standard way
 Builds on PALS2 work on article identifiers → Article Identification

MESUR

<http://www.mesur.org/MESUR.html>
 Mellon-funded project carried out at LANL, ending October 2008
 Existing output I: semantic model of the scholarly communication process. Existing output II: large-scale semantic store (relating a range of bibliographic, citation and usage data)
 A further output (not yet reported) is to define and validate a range of usage-based metrics (to include both frequency-based and network-based metrics) and to produce a set of guidelines and recommendations

ROAT

Project funded by NII (National Institute of Informatics in Japan). Its aim is to develop a tool to produce COUNTER-compliant usage reports at the article level to assess the repository output (downloads) in a standard way. This tool will be able to be applied to almost all the repository platforms (those built on Apache)