

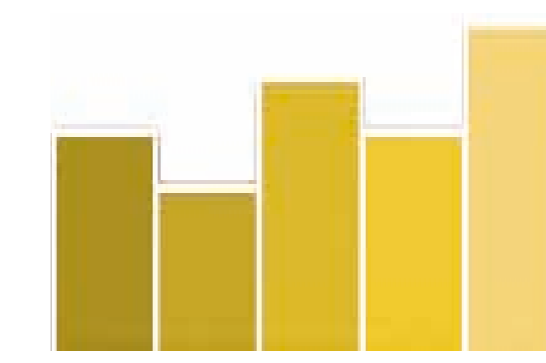
Usage Statistics for Repositories

Why Usage Statistics?

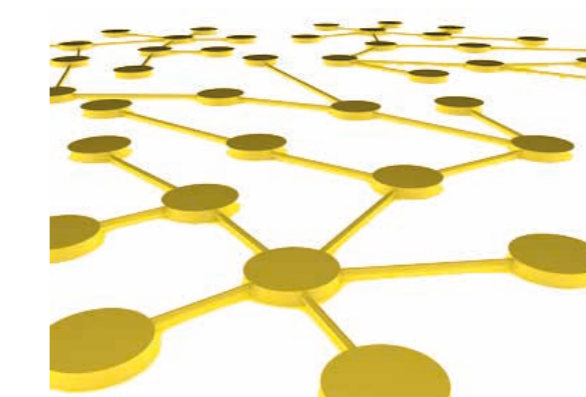
Journal Impact Factor vs. Usage Statistics

author	who?	reader
delayed	when?	immediately
indexed journals	what?	all digital objects
evaluation on a journal level	how?	evaluation on an object level
established	why?	alternative metrics

Goals of OA-Statistics



Internationally standardised usage statistics



Sustainable infrastructure for collecting and evaluating usage statistics



Increase of the acceptance of Open Access among authors and users of scholarly publications

From Log File to Statistics in 10 Steps

1. A document is downloaded from your repository. Information about the request is saved in the web server's log file.

```
176.9.38.xxx - [15/May/2012:00:00:38 +0100] GET /goescholar/themes/goescholar/images/ginkgo.gif HTTP/1.1 200 18766 "http://goedoc.uni-goettingen.de/249/22.xxx"
176.9.38.xxx - [15/May/2012:00:00:38 +0100] GET /goescholar/themes/goescholar/11b/thickbox.css HTTP/1.1 200 4012 "http://goedoc.uni-goettingen.de/249/22.xxx"
176.9.38.xxx - [15/May/2012:00:00:38 +0100] GET /goescholar/themes/goescholar/11b/jquery.autocomplete.css HTTP/1.1 200 799 "http://goedoc.uni-goettingen.de/249/22.xxx"
176.9.38.xxx - [15/May/2012:00:00:38 +0100] GET /goescholar/themes/goescholar/js/jquery.js HTTP/1.1 200 63848 "http://goedoc.uni-goettingen.de/249/22.xxx"
176.9.38.xxx - [15/May/2012:00:00:42 +0100] GET /goescholar/static/images/openair-compliance.png HTTP/1.1 200 6590 "http://goedoc.uni-goettingen.de/249/22.xxx"
176.9.38.xxx - [15/May/2012:00:00:42 +0100] GET /goescholar/static/images/draussen.gif HTTP/1.1 200 79 "http://goedoc.uni-goettingen.de/249/22.xxx"
176.9.38.xxx - [15/May/2012:00:00:42 +0100] GET /goescholar/themes/goescholar/images/rss1.gif HTTP/1.1 200 187 "http://goedoc.uni-goettingen.de/249/22.xxx"
176.9.38.xxx - [15/May/2012:00:00:42 +0100] GET /goescholar/themes/goescholar/images/rss2.gif HTTP/1.1 200 202 "http://goedoc.uni-goettingen.de/249/22.xxx"
127.0.0.xxx - [15/May/2012:00:00:44 +0100] POST /solr/statistics/update?wt=javascript:version=2.2 HTTP/1.1 200 40 "-" "solr/org.apache.solr.client.solrj.impl:Commons"
176.9.38.xxx - [15/May/2012:00:00:44 +0100] GET /goescholar/themes/goescholar/images/uni_header_transp.gif HTTP/1.1 200 7281 "http://goedoc.uni-goettingen.de/249/22.xxx"
176.9.38.xxx - [15/May/2012:00:00:44 +0100] GET /goescholar/static/images/dini-certifikat-4lein.jpg HTTP/1.1 200 2388 "http://goedoc.uni-goettingen.de/249/22.xxx"
95.208.240.xxx - [15/May/2012:00:00:44 +0100] GET /goescholar/handle/goescholar/4143 HTTP/1.1 200 21054 "-" "Mozilla/5.0 (compatible; Yandex)"
66.249.72.xxx - [15/May/2012:00:00:44 +0100] GET /goescholar/handle/goescholar/37/browse?type=author&value=Luther&zc=stefan HTTP/1.1 200 21
134.76.101.xxx - [15/May/2012:00:00:46 +0100] GET /jsapi/resolver/wedoc-245 HTTP/1.1 200 377 "-" "Jakarta.Commons-HttpClient/2.0.2"
134.76.101.xxx - [15/May/2012:00:00:53 +0100] GET /goescholar HTTP/1.1 200 13429 "https://professional1.0.whatsapp.com"
66.249.72.xxx - [15/May/2012:00:00:57 +0100] GET /goescholar/handle/goescholar/1785/browse?type=subject&value=by=betaal-1&type=dateissued HTTP/1.1 200 21054 "-" "Mozilla/5.0 (compatible; goo
```

2. You would like to evaluate the log files according to international standards and then present the results statistically on your repository.

3. While looking for the appropriate service, you stumble across Open Access Statistics (OAS).



4. You choose to participate in the OA-Statistic infrastructure.

5. Two options are available to you:

5.1. Install the OAS Data Provider on your repository.

- Download the software package from the OAS web site.
- Customise the OAS Data Provider software to fit your repository.
- Register the OAS Data Provider using the registration form on the OAS web site.
- Make the processed data available for harvesting.

5.2. Use the central OAS Data Provider. Log files are transferred to the central OAS Data Provider and processed according to the standards of OA-Statistics.

6. You offer an "Opt Out" on your repository in accordance with data privacy regulations.

7. You adhere to the license for using the data and enter a contract with OA-Statistics.



8. The OAS Service Provider processes the data according to international standards.

9. The processed usage data is sent back to your repository, using the interface and format of your choice.

10. Now you can publish the generated usage statistics on your own repository.

