Assumptions about Social Tagging

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Social

How social is social tagging? Do users (re)use resources that have been shared and tagged by others?

Results:
- Visit - in a large number of requests (32%) users target content of others
- Copied Posts - 11% of all posts have been copied from other users
- Copied Tags - tags are adopted frequently (at least one tag in 42% of all copies)

Summary
- Visit and copy requests reveal a strong interest in other users' content
- A larger part of system interaction happens with the own collection

Popularity

Does the popularity of a user/resource/tag in posts match its popularity in requests?

Results:
- similar results for resources, users, and tags
- frequency distributions are heavy-tailed and similar in posts and requests
- on the level of individual tags we observe only weak or moderate correlation between occurrences in posts and in requests
- especially for tags it is surprising that there is no stronger correlation, given that tags are presented to the user in clouds reflecting popularity

Analyzing the Bookmarking System BibSonomy Using Posts

Equality

Are users, resources, and tags equally important?

Results:
- the numbers of requests to tags and resources are similar
- requests to users dominate requests to resources and tags
- there are far less users than resources or tags, thus this imbalance in requests is even more surprising

Equality and Request Logs to Evaluate Assumptions about Social Tagging

Results:
- about 49% of all publications are revisited by their owner at least once
- only 17% of used tags are queried at least once
- publications and tags are mostly revisited only once
- revisits often take place shortly (within a day) after a resource/tag has been posted

Retrieval

Do users retrieve their posts and tags later on?

Results:
- about 49% of all publications are revisited by their owner at least once
- only 17% of used tags are queried at least once
- publications and tags are mostly revisited only once
- revisits often take place shortly (within a day) after a resource/tag has been posted

Try it yourself: www.bibsonomy.org