Bibliography management system (references)

Description
bibliography management system like www.bibwiki.com

http://refbase.sourceforge.net/

Could probably be done by a smart combination of wiki & trackers in a profile.

This guideline uses the terms "source", "reference", "citing", and "citation" interchangeably.

Related:
Generate footnotes at the bottom of a wiki page (a simpler version of the current wish)
Zotero support has been added.

Importance
2

Demonstrate Bug

Please demonstrate your bug on show2.tikiwiki.org

Version: trunk
Create show2.tikiwiki.org instance

Ticket ID
1769

Created
Monday 19 May, 2008 22:36:54 GMT-0000

LastModif
Wednesday 05 June, 2013 16:50:38 GMT-0000

Comments

Marc Laporte 07 Aug 08 15:22 GMT-0000

Etmis experts
Seb Paquet
Regis B
etc

Dominique Meeûs 04 Dec 08 23:10 GMT-0000

I a not using TikiWiki yet but I consider it seriously for collaborative research. TikiWiki seems compulsory for the number and integration of features. But of course, research implies bibliography.
There are some open free online bib management software. Wikindx seems to be appreciated. Looks like the most wikilike bib software: not only list books but comment and quote and include cross references in the comments, see example http://www.meeus-d.be/wikindx3/index.php?action=resourceView&id=401 and look for links in the comments.

Suggestion:
1. Short term: examine the possibility of a plugin to link a TikiWiki with a Wikindx.
2. Longer term: study the possibility to reuse some Wikindx code to make a bib module in Tikiwiki.
In such a project, there is need of a very good knowledge of bibliography and its terminology.

But online bibliography as part of a groupware/wiki is much more than plain bibliography. Common bibliography is just chain(s) of text(s) conforming to certain rules. Online bibliography should add the hyperlink aspect which necessarily implies a relational database. In a common bibliography, an author is just a name, as a predicate of a book. In online hyperlink bibliography, authors, books, articles in collective books, publishers... are related objects with possibility to sort, search, link...

There is also a need of a very strict semantic of the project. As an example, the French translation of Wikindx is quite poor because the translators probably lacked experience with using the program and did not always understand the meaning of some English words as the author understood and used them. I tried to improve the translation for my own use and realised it is not a simple problem to understand and stay coherent in the terminology. Best fix the terminology from the beginning.

I am just a user. I have some ideas about relational databases, bibliography, web... but I am not a professional.

---

Zotero.org is a GPL FOSS project. Zotero is a client-side bibliographic web research assistant, a Firefox extension on steroids that is taking that market by storm from the entrenched proprietary vendors. I suggest that you communicate with its developers in arriving at a solution. Interoperability with Zotero could be a very key factor in the success of a bibliographic component. E.g., from Zotero bibliographic entries may be reformatted to meet the criteria of a very large number of literary citation styles.

On a related note, you might also consider enabling OpenURL COinS in the wiki and perhaps other components. COinS is a convention for embedding bibliographic metadata in HTML. Amongst other things, COinS-enabled web pages allow web research assistants like Zotero to pluck and store citations upon the click of a mouse from visited web pages that supply such metadata, complete with visit date and if desired, a snapshot of the visited page. The data store is a relational database, SQLite 3, IIRC.

Wikipedia is among the largest web sites that are COinS-enabled, so I assume it's likely a feature available in MediaWiki as well. However, the Wikipedia citations so generated are very cursory and not up to academic standards.

Also, some GPL bibliographic PHP libraries here. They are used in Wikindx.
Marc Laporte 11 Nov 09 23:10 GMT-0000
https://wikis.uit.tufts.edu/confluence/display/VUEUserGuide/21+Zotero+Integration

Attachments

<table>
<thead>
<tr>
<th>filename</th>
<th>created</th>
<th>hits</th>
<th>comment</th>
<th>version</th>
<th>filetype</th>
</tr>
</thead>
<tbody>
<tr>
<td>No attachments for this item</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The original document is available at
https://dev.tiki.org/item1769-Bibliography-management-system-references