Articulations of WikiWork: Uncovering Valued Work in Wikipedia through Barnstars

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The Information School
University of Washington
Overview: Motivation

• Mass collaborations are a new means to organize large-scale efforts toward the production of important resources

• Wikipedia is a pioneering effort founded upon deliberative principles

• We need to know the range of work that sustains these efforts

• We do a grounded analysis of “Barnstars”, tokens of appreciation exchanged amongst Wikipedians to recognize valued work
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Overview: Contributions
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  - categories of work beyond editing are highly valued
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  - identify the *class-instance pattern* for articulating WikiWork
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Articulation work: the work that is done to scope, divide and reintegrate the work of others [c.f. Strauss, 1985]

- dividing up work
- what to work on
- how it relates to the work of others
- how to combine the results

Critical for cooperative work [Schmidt & Bannon, 1992]
Overview: Contributions

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• Design implications for systems supporting mass collaboration
  - reflecting work in complex cooperative arrangements
  - supporting editors in taking appropriate actions
Outline

✓ Study motivation

• Wikipedia anatomy

• Methodology

• Range of Work

• The Class Instance Pattern
Wikipedia is a collection of hyperlinked pages
Every page has a talk page
Pages divided into 7 namespaces

Main 2.2m
Help 0.001m
Template 0.1m
Project 0.3m
Category 0.3m
User 0.5m
Image 0.8m
Pages divided into 7 namespaces

- **Main** 2.2m
- **Help** 0.001m
- **Template** 0.1m
- **Project** 0.3m
- **Category** 0.3m
- **User** 0.5m
- **Image** 0.8m
Pages divided into 7 namespaces:

- Main: 2.2m
- Help: 0.001m
- Template: 0.1m
- Project: 0.3m
- Category: 0.3m
- User: 0.5m
- Image: 0.8m
Pages divided into 7 namespaces

Main
2.2m

Help
0.001m

Template
0.1m

Project
0.3m

Category
0.3m

User
0.5m

Image
0.8m
Jimmy Wales

From Wikipedia, the free encyclopedia

Jimmy Donal "Jimbo" Wales (born 7 August 1966 in Huntsville, Alabama) is an American Internet entrepreneur known for his role in founding Wikipedia and other wiki-related projects, including the charitable Wikimedia Foundation and the for-profit company Wikia, Inc.

Contents

1 Personal life
2 Education
3 Career
   3.1 Wikipedia and Wikimedia Foundation
   3.2 Wikia
   3.3 Media appearances and honors
4 Issues and Controversy
   4.1 Bomis
   4.2 Wikipedia biography
   4.3 Birthdate
5 Personal philosophy
6 Published work
7 References
8 External links
   8.1 Audio/video

Personal life

Born
August 7, 1966 (age 41)
Huntsville, Alabama, U.S.

Occupation
President of Wikia, Inc.; Board member and Chair Emeritus of the Wikimedia Foundation

Spouse
Christine[^1]
Namespaces: Main

Personal life

---

{cite news
first=Holden
last=Frith
url=http://technology.timesonline.co.uk/tol/news/tech_and_web/the_web/article1571519.ece
title=Wikipedia founder launches rival online encyclopaedia
publisher=[[The Times]]
date=March 26, 2007
accessdate=2008-03-07}
Revision history of Jimmy Wales

From Wikipedia, the free encyclopedia

View logs for this page

(Latest | Earliest) View (previous 50) (next 50) (20 | 50 | 100 | 250 | 500)
For any version listed below, click on its date to view it. For more help, see Help:Page history and Help:Edit summary.

<table>
<thead>
<tr>
<th>Date</th>
<th>User</th>
<th>Summary</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>21:49, 30 October 2007</td>
<td>Jossi (Talk</td>
<td>minor edit</td>
<td>Reverted edits by Vondort (talk) to last version by Kathleen.wright5 (undo)</td>
</tr>
<tr>
<td>21:48, 30 October 2007</td>
<td>Vondort (Talk</td>
<td>minor edit</td>
<td>→Education (undo)</td>
</tr>
<tr>
<td>21:48, 30 October 2007</td>
<td>Vondort (Talk</td>
<td>minor edit</td>
<td>→Personal life (undo)</td>
</tr>
<tr>
<td>03:12, 30 October 2007</td>
<td>Kathleen.wright5 (Talk</td>
<td>minor edit</td>
<td>→Wikipedia and Wikimedia Foundation (undo)</td>
</tr>
<tr>
<td>00:52, 29 October 2007</td>
<td>A.Z. (Talk</td>
<td>minor edit</td>
<td>(Undid revision 167745491 by Shaggman47 (talk)) (undo)</td>
</tr>
<tr>
<td>00:51, 29 October 2007</td>
<td>Shaggman47 (Talk</td>
<td>minor edit</td>
<td>→Personal life (undo)</td>
</tr>
<tr>
<td>22.03, 28 October 2007</td>
<td>AlleborgoBot (Talk</td>
<td>minor edit</td>
<td>(robot Adding: tŢ1Чă6o Вейнс) (undo)</td>
</tr>
<tr>
<td>17:22, 28 October 2007</td>
<td>Jhurlburi (Talk</td>
<td>minor edit</td>
<td>→External links - Trimming excessive external links as per Wikipedia guidelines WP:EL) (undo)</td>
</tr>
<tr>
<td>06:02, 27 October 2007</td>
<td>LaraLove (Talk</td>
<td>minor edit</td>
<td>→Wikipedia biography - Ooops. Removing double closing parenthesis.) (undo)</td>
</tr>
<tr>
<td>06:01, 27 October 2007</td>
<td>LaraLove (Talk</td>
<td>minor edit</td>
<td>→Wikipedia biography - Quotations per</td>
</tr>
</tbody>
</table>
explain the change and its purpose.
Tualha (Talk) 19:38, 13 July 2007 (UTC)

I will use a more relevant quote. Thanks for your concern. Please review. QuackGuru talk 20:05, 13 July 2007 (UTC)

That one will do, though it can be trimmed. Thanks. Tualha (Talk) 21:17, 13 July 2007 (UTC)

First sentence in the education section

That part I fixed yesterday in the education section is logically inconsistent. It reads like the school was donating the software, not Jimbo's user page so I have right to fix it, right? Why has it been undone then? greg park avenue 13:23, 23 July 2007 (UTC)

Birthdate

I just blogged about this.--Jimbo Wales 09:34, 8 August 2007 (UTC)

Supposedly, he was born on the 8th, and Britannica also thinks its the 7th. See this blog entry from The Oregonian newspaper for the previous, related blog entry about an interview with him, Ward Cunningham and the newspaper, as well as a print article on Open-source thinking. Jason McHuff 22:49, 27 July 2007 (UTC)

It looks like a reporter from a major newspaper has reported on a public records search, confirming what I have been saying. According to my birth certificate, August 7th is not my birthdate. Perhaps someday I will produce a note from my mom for an And perhaps I will just continue to have a bit of fun with this. :)--Jimbo Wales 09:12, 8 August 2007 (UTC)

Mr. Wales has stated that his birthday is Aug. 7th, 1966. Links to these admissions can be found here and here. Also, Biography and Who's Who is America list his birthday as being the 7th. 68.117.211.187 07:21, 28 July 2007 (UTC)

I hope I am not the only one who is amused that this anonymous ip number calls a discussion of my date of birth an
Namespaces: Main
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Wikipedia:Verifiability

From Wikipedia, the free encyclopedia

"WP:V" redirects here. For information on vandalism, see Wikipedia:Vandalism.

This page documents an official policy on the English Wikipedia. It has wide acceptance among editors and is considered a standard that all users should follow. When editing this page, please ensure that your revision reflects consensus. When in doubt, discuss first on the talk page.

This page in a nutshell: Material challenged or likely to be challenged, and all quotations must be attributed to a reliable, published source.

The threshold for inclusion in Wikipedia is verifiability, not truth. "Verifiable" in this context means that any reader should be able to check that material added to Wikipedia has already been published by a reliable source. Editors should provide a reliable source for quotations and for any material that is challenged or is likely to be challenged, or it may be removed.

Wikipedia:Verifiability is one of Wikipedia's core content policies. The others include Wikipedia:No original research and Wikipedia:Neutral point of view. Jointly, these policies determine the type and quality of material that is acceptable in Wikipedia articles. They should not be interpreted in isolation from one another, and editors should try to familiarize themselves with all three.
Pages divided into 7 namespaces

Wikipedia: Verifiability

From Wikipedia, the free encyclopedia

Today's AfD log

Before listing an article for deletion here, consider whether a more efficie alternative is appropriate:

- For problems that do not require deletion, including duplicate articles, needing improvement, pages needing redirects, or POV problems, be fix the problem or tag the article appropriately.

- If an article is a copyright violation, please list it at Wikipedia:Copyright

- Some articles may qualify for speedy deletion; please refer to the spe deletion criteria and process.

- For non-controversial deletions, please refer to the proposed deletion

- For a potentially controversial merger, consider listing it at proposed r

Wikipedia:Verifiability is one of Wikipedia's core content policies. The others include Wikipedia:No

original research. More information about the Internet articles project on Wikipedia, see Wikipedia:Vandalism.

Purge the cache to refresh this page

Articles for deletion (AfD) is where Wikipedians discuss whether an article should be deleted. Articles listed here are debated for up to five days; after which the deletion process proceeds based on Wikipedia community consensus. The page is then either kept, merged and/or redirected, transwiki (copied to another Wikimedia project), renamed/moved to another title, userized to the creator's user page or user subpage, or deleted per the deletion policy.
Template:Fact

From Wikipedia, the free encyclopedia

[citation needed]

{{!}} Template documentation

This documentation is transcluded from Template:Fact/doc. (edit)

Purpose

This template is used in articles to identify sentences or short passages which need an inline citation. It produces a superscripted notation like the following:

Humphrey Bogart is the greatest actor that ever lived.
[citation needed]

Use this template to "tag" information which may be
Pages divided into 7 namespaces

Template:Fact
From Wikipedia, the free encyclopedia

WikiText: `{{fact}}`

Rendered html:
```
mechanized corps. [citation needed]
```

superscripted notation like the following:

Humphrey Bogart is the greatest actor that ever lived. [citation needed]

Use this template to "tag" information which may be
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Image
0.8m
Every registered user has their own page

User: Rlevse

From Wikipedia, the free encyclopedia

--- MY USER PAGE ---

Sawadee krap! (Hello!) I am Rlevse. My main interests here on Wikipedia are building and helping others to build the encyclopedia in a positive environment. As you know, that's sometimes easier said than done, but if we all cooperate to build the encyclopedia, it can be done and wiki can become a model for international cooperation. My main topics of interest are Scouting, History, Culture and article improvement. My wife, JoJo is from Thailand, so I am interested Thai articles too. I was a Russian linguist in the U.S. Navy but am now retired from the Navy and work as a computer systems engineer. I also speak some German, Japanese, and Thai. There is more about me on my about page.

My history on wikipedia: First edit as an IP - Nov 03, 2005; created my Rlevse account - Nov 15, 2005; became admin on Feb 27, 2007; became an arbitration clerk in November 2007; became a Commons admin Dec 7, 2007; became a bureaucrat on Jul 29, 2008; became a checkuser on Oct 06, 2008. If you need help in any of those areas, let me know.
Thanks for pointing out the article on Minnie Spotted-Wolf. I'll take a look and try to find more information.

ERcheck (talk) 03:07, 8 October 2006 (UTC)

Thanks

Thank you very much for the barnstar! It is very nice of you to take the time to do that, and it means a lot to me to receive your encouragement like you've just provided. Encouragement like you've just provided really helps me to keep plugging along when the wiki-frustrations and challenges seem like too much to bear.

Johnntex (talk) 02:48, 8 October 2006 (UTC)

Appreciation

The Working Man's Barnstar

To Rlevse:
This barnstar is given in recognition of and appreciation for your work in updating page references for the USMC Portal.

Thank you, ERcheck 11:26, 8 October 2006 (UTC)
Every registered user has their own page

- “Barn-raising” metaphor
- Adopted in Wikipedia starting in 2004
- Means to recognize valuable work
- Anyone can create, customize and give out barnstars

The Working Man's Barnstar

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This barnstar is given in recognition of and appreciation for your work in updating portal references for the USMC Portal.
Thank you, ERcheck 11:26, 8 October 2006 (UTC)
We study these barnstars to identify the range of valued work across Wikipedia.
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The Wiki Merit Badge, for History of merit badges (Boy Scouts of America) FA article, Smack 19:27, 29 December 2005

The Original Barnstar, in recognition of your contributions to numerous Scouting-related articles, particularly by bringing History of merit badges (Boy Scouts of America) to Featured Article status, I, Rebelguys2, present you this Barnstar! 21:35, 28 Januaray 2006

Rlevse, Thanks so very much for supporting the recent FAC of Cheers. It was successful and Cheers has been promoted! I'm looking forward to hopefully getting Cheers on the front page. In the mean time, please accept this Beer as a token of my gratitude. Cheers! Staxringold 11:59, 30 January 2006

Scouting Barnstar, I just want to say thanks for all of your contributions. I am admin Dec 7, 2007; became a bureaucrat on Jul 29, 2008. If you need help in any of those areas, let me know.

Scouting Tireless Contributor Award, a sash for your tireless contributions. Keep it up! The Barnstar of Diligence, in appreciation of your contributions.
Outline

✓ Study motivation

✓ Wikipedia anatomy

• **Methodology**

• Range of Work

• The Class Instance Pattern
Studying valued work across Wikipedia
Studying valued work across Wikipedia

- Barnstars as observations
  + Widespread community practice
  + In-situ observations by community members
  - Biased toward experienced observers
  - Descriptions of work, but not of work practice
Studying valued work across Wikipedia

• Barnstars as observations
  + Widespread community practice
  + In-situ observations by community members
    - Biased toward experienced observers
    - Descriptions of work, but not of work practice

• Do not confuse “articulations of WikiWork” with barnstars
  - Barnstars describe work, but do not articulate it; however...
    ‣ Barnstars articulate the work of recognizing work
    ‣ Barnstars may articulate work by reifying a division of work
  - We do not consider these articulating aspects of barnstars here
Methodology: Grounded analysis of barnstars

Extraction

Nov. 2006 Dataset → Parser → 14k Barnstars
Methodology: Grounded analysis of barnstars

Extraction

Nov. 2006 Dataset → Parser → 14k Barnstars → Random sample of 300 → Codebook generation
Methodology: Grounded analysis of barnstars

Nov. 2006 Dataset
14k Barnstars

<table>
<thead>
<tr>
<th>Editing Work</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>minor</td>
<td>copy-editing</td>
</tr>
<tr>
<td>media</td>
<td>images, audio</td>
</tr>
<tr>
<td>initiative</td>
<td>starting articles, stubs</td>
</tr>
<tr>
<td>major</td>
<td>substantial textual addition to an article</td>
</tr>
<tr>
<td>achievement</td>
<td>shepherding an article to a higher quality level</td>
</tr>
<tr>
<td>classification</td>
<td>categorizing articles, adding templates</td>
</tr>
<tr>
<td>redesign</td>
<td>large-scale refactoring, merging pages</td>
</tr>
<tr>
<td>translation</td>
<td>to or from another language</td>
</tr>
<tr>
<td>attribution</td>
<td>citing sources, removing unsourceable info</td>
</tr>
<tr>
<td>general</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Social and Community Support Actions</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>commitment</td>
<td>to an article, a wiki-project</td>
</tr>
<tr>
<td>teaching</td>
<td>mentorship, question-answering</td>
</tr>
<tr>
<td>leadership</td>
<td>of wikiprojects &amp; other initiatives</td>
</tr>
<tr>
<td>humor and cheer</td>
<td>being funny, cheering others up</td>
</tr>
<tr>
<td>user page design</td>
<td>helping to design another's user page</td>
</tr>
<tr>
<td>rewarding</td>
<td>recognizing the achievements of others</td>
</tr>
<tr>
<td>welcoming</td>
<td>welcoming newcomers</td>
</tr>
<tr>
<td>general</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Border Patrol</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>vandal fighting</td>
<td>reverting damage to unspecified namespace</td>
</tr>
<tr>
<td>deletion</td>
<td>article notability, spam removal</td>
</tr>
<tr>
<td>vandal fighting</td>
<td>reverting damage to user pages</td>
</tr>
<tr>
<td>vandal fighting</td>
<td>reverting damage to articles</td>
</tr>
<tr>
<td>sockpuppets</td>
<td>finding users operating multiple accounts</td>
</tr>
</tbody>
</table>
### Methodology

Grounded analysis of barnstars

**Nov. 2006 Dataset**

14k Barnstars

**Parser**

**Extraction**

**Codebook generation**

**Random sample of 300**

<table>
<thead>
<tr>
<th>Border Patrol</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>vandal fighting</td>
<td>reverting damage to unspecified namespace</td>
</tr>
<tr>
<td>deletion</td>
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<td>vandal fighting</td>
<td>reverting damage to articles</td>
</tr>
<tr>
<td>sockpuppets</td>
<td>finding users operating multiple accounts</td>
</tr>
<tr>
<td>legal</td>
<td>copyright violations, fair use rationale</td>
</tr>
<tr>
<td>general</td>
<td></td>
</tr>
</tbody>
</table>

**Administrative**

<table>
<thead>
<tr>
<th>Action</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>privilege granting</td>
<td>helping vet potential administrators</td>
</tr>
<tr>
<td>intervention</td>
<td>formal mediation of user conflicts</td>
</tr>
<tr>
<td>quality designation</td>
<td>determining article status (e.g. Featured)</td>
</tr>
<tr>
<td>technical action</td>
<td>exercise of privileged power</td>
</tr>
<tr>
<td>general</td>
<td></td>
</tr>
</tbody>
</table>

**Collaborative Actions and Disposition**

<table>
<thead>
<tr>
<th>Action</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>disposition</td>
<td>civility, accepting of criticism, keeping cool</td>
</tr>
<tr>
<td>adherence</td>
<td>policy interpretation, integrity</td>
</tr>
<tr>
<td>diplomatic action</td>
<td>conflict mediation, consensus-seeking</td>
</tr>
<tr>
<td>explanation</td>
<td>rationale for an edit, decision, or standard</td>
</tr>
<tr>
<td>general</td>
<td></td>
</tr>
</tbody>
</table>

**Meta-Content Work**

<table>
<thead>
<tr>
<th>Action</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>template</td>
<td>design of applicable templates</td>
</tr>
<tr>
<td>tool programming</td>
<td>design &amp; support of tools (e.g. bots)</td>
</tr>
<tr>
<td>forums / portals</td>
<td>creation &amp; support of help desks</td>
</tr>
<tr>
<td>classification</td>
<td>category creation &amp; organization</td>
</tr>
<tr>
<td>process &amp; policy</td>
<td>policy authoring &amp; process design</td>
</tr>
<tr>
<td>archiving</td>
<td>storing away old discussions</td>
</tr>
<tr>
<td>general</td>
<td></td>
</tr>
</tbody>
</table>
Methodology: Grounded analysis of barnstars

Extraction

Nov. 2006 Dataset → Parser → 14k Barnstars

Random sample of 300

Codebook generation
Methodology: Grounded analysis of barnstars

**Extraction**

- **Nov. 2006 Dataset** → **Parser** → **14k Barnstars**

**Random sample of 2400**

**Coding**
- Divided into six bins
- Two coders per bin, independent coding
- Resolve conflicts through discussion

**Random sample of 300**

**Codebook generation**
Methodology: Grounded analysis of barnstars

Extraction

Nov. 2006 Dataset → Parser → 14k Barnstars

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Coding

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Random sample of 300

Codebook generation → Coded Barnstars
Outline

✓ Study motivation
✓ Wikipedia anatomy
✓ Methodology

• **Range of Work**
• The Class Instance Pattern
Results: high-level breakdown

<table>
<thead>
<tr>
<th>Category</th>
<th>% Codes Applied</th>
</tr>
</thead>
<tbody>
<tr>
<td>Editing Work</td>
<td>27.8%</td>
</tr>
<tr>
<td>Social and Community Support Actions</td>
<td>24.9%</td>
</tr>
<tr>
<td>Border Patrol</td>
<td>11.2%</td>
</tr>
<tr>
<td>Administrative</td>
<td>9.3%</td>
</tr>
<tr>
<td>Collaborative Actions and Dispositions</td>
<td>8.0%</td>
</tr>
<tr>
<td>Meta-Content Work</td>
<td>4.2%</td>
</tr>
<tr>
<td>Undifferentiated</td>
<td>14.6%</td>
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<tr>
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The Minor Barnstar
Pretty much every article on my watchlist has been touched by the improvatory hand of Rich Farmborough, and I feel it is time I paid my dues to he :) Thanks Rich! Jdcooper 16:47, 20 February 2006 (UTC)
Results: high-level breakdown

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*The Random Acts of Kindness Barnstar for someone who has gone that extra mile, to help mop the troubled brows of two much-valued editors - Ballista 07:19, 14 June 2006 (UTC)*
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For standing with me this morning to revert all of those AOL vandals hell-bent on causing as much trouble as possible, I award you this barnstar.

digital_me (Talk • Contribs)
22:41, 18 August 2006 (UTC)
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**The Defender of the Wiki Barnstar**

For blocking pagemove vandals, offensive usernames, and doing your job well!! Oh, and keep the good work up!!

TheM62Manchester 22:27, 26 August 2006 (UTC)
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The Barnstar of Good Humor

I award you this barnstar for creating {{O RLY?}} which will henceforth be used to annotate all dubious claims on articles like 4chan and YTMND. Ashibaka took 01:14, 13 May 2006 (UTC)
### Results: high-level breakdown

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Direct editing work is NOT even the majority of acknowledged work.
Implications: Reflecting work
Implications: Reflecting work

- Reputation systems can incentivise desired behavior
  ...must be grounded in what a community values
Implications: Reflecting work

• Reputation systems can incentivise desired behavior
  ...must be grounded in what a community values

• Need reputation frameworks for complex cooperative work
  - provide composable primitives for defining a reputation
  - collaborative negotiation of what constitutes a reputation
  - allow valuations of work to grow with the community
Organizing mass collaborations
Organizing mass collaborations
I award you this barnstar for your outstanding work on the embryology template. Grouping many articles into an easily understood navigation pane ensures that all readers have access to the whole picture.
I award you this barnstar for your outstanding work on the embryology template. Grouping many articles into an easily understood navigation pane ensures that all readers have access to the whole picture.

I User:Nichalp.sg award Bhadani for his persistent effort to tag all Indian cities with the wikiproject Indian cities tag. July 8, 2005 08:14 (UTC)
Outline

✓ Study motivation
✓ Wikipedia anatomy
✓ Methodology
✓ Range of Work

• Articulating WikiWork: The Class / Instance Pattern
Class-instance pattern

- editors create work classes that structure activity
- editors instantiate and parameterize classes to do work
Class/instance pattern: templates

- Editors create work classes that structure activity
- Editors *instantiate* and parameterize classes to do work
Class/instance pattern: templates

- editors create work classes that structure activity
- editors instantiate and parameterize classes to do work

Secondary school template

```
{{Infobox Secondary school
| name =
| native_name =
| logo =
| motto =
| established =
| type =
| category_label =
| category =
| gender_label =
| gender =
| affiliations =
| affiliation =
| president =
| chairman_label =
| chairman =
| principal =
```

Main

Template
Class/instance pattern: templates

- editors create work classes that structure activity
- editors instantiate and parameterize classes to do work
Class/instance pattern: templates

- a class scopes work at its instantiation

Secondary school template

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| affiliations =
| affiliation =
| president =
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| chairman =
| principal =
}}
```
Class-instance pattern

- a class scopes work at its instantiation
Class/instance pattern

- a class scopes work at its instantiation
Class/instance pattern: bots

- a class scopes work at its instantiation
Class/instance pattern: bots

- a class scopes work at its instantiation

Bots

- software agents that perform repetitive tasks
- programmed and run by editors
- a bot’s code is a static articulation of work
Class/instance pattern: bots

- A class scopes work at its instantiation

Bots
- Software agents that perform repetitive tasks
- Programmed and run by editors
- A bot’s code is a static articulation of work

Cluebot

User

Class

Code snippet:
```
include 'cluebot3.config.php';
include '../wikibot.classes.php';

function splitintosections ($data)
    preg_match('/\([^()]*\)/', $data, $header);
    echo $data; "\n\n\n"
    print_r($header);
    foreach ($header as $x) {
        if (preg_match_all('/\\?<=\?/', $x))
            $ret[] = $x;
    }
```
Class/instance pattern: bots

- a class scopes work at its instantiation

Bots
- software agents that perform repetitive tasks
- programmed and run by editors
- a bot’s code is a static articulation of work

Cluebot

Instances

User

Class

04:46, 1 September 2008 (hist) (diff) m User talk:Elucidate (Archiving 1)

04:13, 29 October 2008 (hist) (diff) m

discussion to User talk:Elucidate/Archives/2008/October. (BOT) (top)
Class/instance pattern

- a class scopes work at its instantiation
Class/instance pattern

- a class scopes work at its instantiation
Class/instance pattern: policy

- a class scopes work at its instantiation

Verifiability policy

Project
Class/instance pattern: policy

- a class scopes work at its instantiation

Verifiability policy

Wikipedia: Verifiability

From Wikipedia, the free encyclopedia

"WP:V" redirects here. For information on vandalism, see Wikipedia: Vandalism.

This page documents an official policy on the English Wikipedia. It has wide acceptance among editors and is considered a standard that all users should follow. When editing this page, please ensure that your revision reflects consensus. When in doubt, discuss first on the talk page.
Class/instance pattern: policy

- a class scopes work at its instantiation

Verifiability policy

Wikipedia: Verifiability

This page in a nutshell: Material challenged or likely to be challenged, and all quotations, must be attributed to a reliable, published source.
Class/instance pattern: policy

- a class scopes work at its instantiation

Instances

Per Wikipedia policy, Wales' statement cannot be used as a source. See [Wikipedia:Verifiability](https://en.wikipedia.org/wiki/Wikipedia:Verifiability), "Articles and posts on Wikipedia may not be used as sources." This certainly includes statements in user space. [Quatloo (talk) 00:34, 3 March](https://en.wikipedia.org/wiki/Quatloo) Also, as a reminder, Wikipedia's policy indicates that claims in Wikipedia require exceptionally high-quality reliable sources; if such sources are not available, the material should not be included." The claim of a so-called consensus is warming over and not out of evolution. While it is true that social darwinism has cultural

verifiability and reliable sources

Verified

Removed two sentences that cannot be verified
Per Wikipedia policy, Wales' statement cannot be used as a source. See [Wikipedia:Verifiability](https://en.wikipedia.org/wiki/Wikipedia:Verifiability), "Articles and posts on Wikipedia may not be used as sources." This certainly includes statements in user space. Quatloo (talk) 00:34, 3 March 2008 (UTC)

We can adhere to the letter of the policy and pretend that they aren't separated, even though there is clear evidence that they are. Or, we can recognize that sentence as being a measure to prevent people from posting it, then sourcing it elsewhere, and accept the man's statements about his life as definitive. I prefer the latter. - Amarkov moo! 00:45, 3 March 2008 (UTC)

There is no need to pretend anything. We can adhere to the policy by not addressing the matter, since it is not important and doesn't need to be in the encyclopedia. If it were important, there'd be a WP:RS. There is not. Quatloo (talk) 01:38, 3 March 2008 (UTC)

Also, your argument seems to be "I want this poorly sourced statement, which violates both WP:Verifiability and WP:BLP, to remain in Wikipedia to prevent someone from possibly adding original research to the page." I don't think this is a necessary or practical means to prevent someone from adding original research. There is no need to pretend anything.
Class/instance pattern: policy

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Policies

- provide a common language and strategies of action [1]
- widely referenced in discussions [2,3,4]
- hyperlinking fosters close loop between self-governance and authoring activities [3]
- policies articulate future deliberative work

[1] Viegas et al. HICSS ’07
[3] Beschastnikh et al. ICWSM ’08
Class/instance pattern: policy

- a class scopes work at its instantiation
- scopes consensus-seeking efforts into distinct spaces
- scale participation while maintaining project coherence
Class/instance pattern

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Class/instance pattern: processes

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Class/instance pattern: processes

- A class scopes work at its instantiation
- Scopes consensus-seeking efforts into distinct spaces
- Scale participation while maintaining project coherence

Page deletion processes

Classes

- Speedy Delete
- Proposed Deletion
- Deletion Discussion

Judgement

“Obvious”

Ambiguous
Class/instance pattern: processes

- a class scopes work at its instantiation
- scopes consensus-seeking efforts into distinct spaces
- scale participation while maintaining project coherence

Page deletion processes

<table>
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<tr>
<th>Protocol</th>
<th>Classes</th>
<th>Judgement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uni-lateral</td>
<td>Speedy Delete</td>
<td>“Obvious”</td>
</tr>
<tr>
<td>Admin can delete without discussion</td>
<td>Proposed Deletion</td>
<td></td>
</tr>
<tr>
<td>Admin can delete if nobody objects after 5 days</td>
<td>Deletion Discussion</td>
<td>Ambiguous</td>
</tr>
<tr>
<td>Arduous deliberation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Discussion for 5+ days</td>
<td></td>
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Class/instance pattern: processes

- A class scopes work at its instantiation
- Scopes consensus-seeking efforts into distinct spaces
- Scale participation while maintaining project coherence

Page deletion processes

Instances

{{db-g11}}

{{subst:prod}}

{{subst:afd1}}

Classes

Speedy Delete

Proposed Deletion

Deletion Discussion

Judgement

“Obvious”

Ambiguous
Class/instance pattern: processes

- a class scopes work at its instantiation
- scopes consensus-seeking efforts into distinct spaces
- scale participation while maintaining project coherence
- attract appropriate editors for deliberation
Implications: Class / Instance

• Editors must recognize the appropriate class for a given situation
  - ...but it is difficult to keep abreast of the large number of processes

• Need to support editors in classifying situations

• *Normative Indexing*
  - leverage instantiations of classes to build predictive model for identifying potentially relevant classes
Conclusions
Conclusions

• Collected and coded barnstars for valued work
  - direct editing work is NOT the majority of the valued work
  - instead, found a wide range of work
  - implications for reflecting work with composable reputation
Conclusions

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  - identified the class-instance pattern
  - gave four examples
  - implications for supporting editors in classifying situations
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• “Coordination and Wikipedia”
  - page-level coordination vs. project-wide articulation work
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• “Coordination and Wikipedia”
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See our paper 4 more detailz and implications!!1
Conclusions

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• “Coordination and Wikipedia”
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Questions?