

# Implications of writing, reading, and tagging on the web for reflection support in self-directed learning

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# Readers and Contributors



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# *Reading and Writing*

# Tagging

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# OTHER RESEARCH

# Social (makro) Dimensions

delicious Home Bookmarks People Tags

Explore Everyone's Tags  
See what's popular, or delve into your own interests.

Tag

Click a tag below or type in a word above, and we'll show you the latest bookmarks saved with that tag.

## Tag Cloud: Popular

Sort: Alphabetically | [By size](#)

.net 2008 3d advertising ajax and animation api apple architecture **art** article **articles** artist audio **blog** blogging blogs book books browser business car cms code collaboration comics community computer converter cooking cool css culture data database **design** desktop development diy documentation download downloads drupal ebooks economics **education** electronics email entertainment environment fashion fic film finance firefox **flash** flex flickr food forum **free** freeware fun funny gallery game **games** geek **google** government graphics green guide hardware health history home hosting house **howto** html humor icons illustration images imported information **inspiration** interactive interesting internet iphone japan java **javascript** jobs jquery kids language learning library **linux** list lists literature **mac** magazine management maps marketing math media microsoft mobile money movie movies mp3 **music** network networking **news** online **opensource** osx people phone photo **photography** photos photoshop php plugin podcast **politics** portfolio privacy productivity **programming** psychology python radio rails realestate recipe recipes **reference** religion research resources reviews rss ruby rubyonrails school **science** search security seo shop **shopping** social socialnetworking **software** statistics streaming teaching tech **technology** tips todo tool **tools** toread travel **tutorial** tutorials tv twitter typography ubuntu usability **video** videos vim visualization **web** web2.0 **webdesign** webdev wiki wikipedia windows wishlist wordpress work writing youtube

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## What is a tag?

A tag is simply a word you can use to describe a bookmark. Unlike folders, you make up tags when you need them and you can use as many as you like. The result is a better way to organize your bookmarks and a great way to discover interesting things on the Web.

## What is a tag cloud?

A list of tags where size reflects popularity.

(Millen & Feinberg, 2006; Millen, Feinberg, & Kerr, 2006)







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# OPEN QUESTIONS



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# Information Quality?



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# Personal Benefit?



# Effects on Learning?



Critical

# IS TAGGING WHAT WE *REALLY* WANT?





Official Definition

***TAGGING*** IS  
**VANDALISM**  
**AND THE DESTRUCTION**  
**OF PRIVATE AND PUBLIC PROPERTY.**



# Is your child a tagger?

Most likely, your child will not leave the home looking like this. But if you find two or more of these implements among his or her things, your child is probably writing graffiti in your neighborhood.

**Backpack – Graffiti on backpack, art supplies inside**

**Hood, hat and bandana – used to conceal face from witnesses/hidden cameras.**

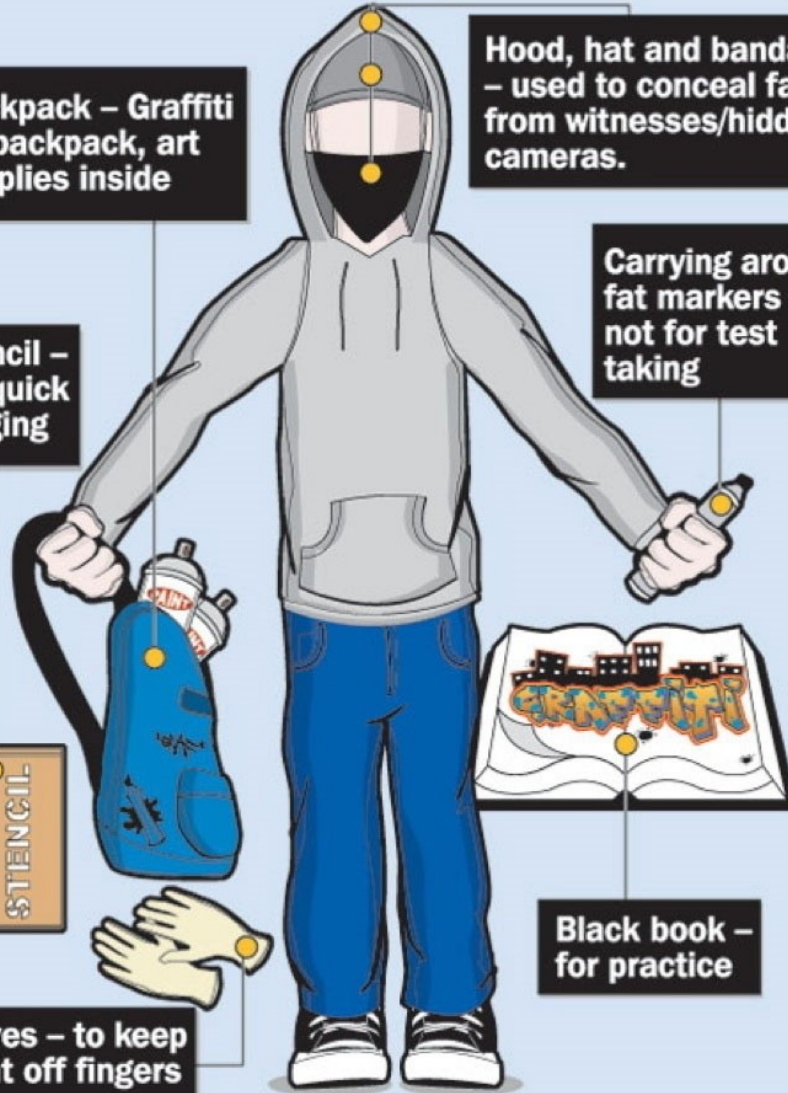
**Stencil – for quick tagging**

**Carrying around fat markers – not for test taking**

**STENCIL**

**Gloves – to keep paint off fingers**

**Black book – for practice**



City of Santa Ana

<http://www.woostercollective.com/Tagger.jpg>



**IF YOU THINK THAT THE DIGITAL SPACE IS  
SAVE ...**

**Pre-paid Phone**  
for making phone  
calls untraceable



**iPhone**, for ubiquitous  
connections to friends,  
twitter and the  
Internet



**Tiny USB Sticks** for  
keeping the hard  
drive clean of  
dubious information



**USB 2.5" Harddisk** for  
sharing large chunks  
of information



**Ergonomic Laptop  
Backpack** for  
computer  
equipment and  
quick location  
changes



**Linux Laptop** – not for  
home work and  
gaming ....



**Bluetooth GPS  
Receiver** for WAR  
Driving and Geo  
tagging





**Taggers  
Are Evil!**

Forget about *Folksonomies*

# **META-DATA IS *NOT* WHAT YOU GET FROM TAGGERS**



If you take 12 average taggers,  
within 3 months you get ...

**MORE THEN 840 TAGS**

**USED OVER 3000 TIMES**

**ON OVER 1400 RESOURCES**



Of the 840 tags

**LESS THEN 240 TAGS ARE SHARED (28%), BUT  
79% ARE SHARED BY LESS THEN 4 USERS**





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They create a huge ontological mess, but ..

# TAGGERS HARDLY READ



Same time period, same set of resources, same taggers

**330 RESOURCES WERE ACCESSED (< 23%)**

**WITH 366 TAGS ASSIGNED (< 44%)**

**390 FILTERS APPLIED ON 133 TAGS**

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At least ...

**TAGGERS READ**

**CONTRIBUTIONS OF OTHERS**



**OVER 60% OF THE TAGS ON ACCESSED  
RESOURCES ARE *NOT* FROM THE USER**

**OVER 50% ARE *SHARED TAGS***

Conclusion I

# **TAGGING CAN HELP *SOCIAL NAVIGATION***



Conclusion II

# **TAGS OF *WEB-READINGS* LEAD TO RICHER *INFORMATION* ABOUT A USER'S INTERESTS**





**NEVERTHELESS, TAGGERS DO NOT MAKE  
OUR LIVES' EASIER ...**



<http://lo-f.at/glahn/blog/>  
<http://twitter.com/phish108>

<http://Inx-otecexp-005v.ou.nl/rescope/>