

## Social bookmarking tool based on structurable tags for communities of teachers

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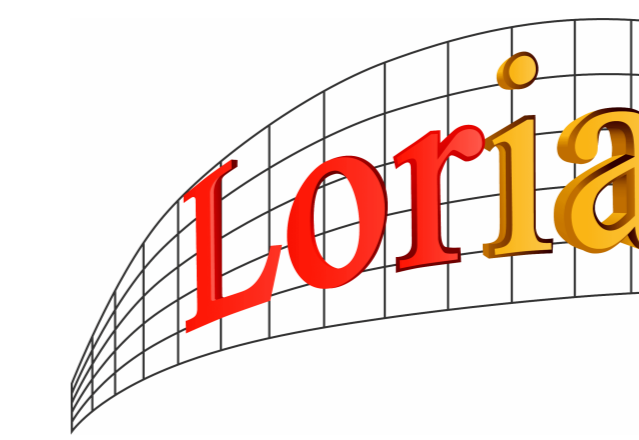
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# Social Bookmarking Tool Based On Structurable Tags For Communities of Teachers



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## Targeted context: Teachers in mechanical engineering

- a community of 1800 teachers (mailing-list)
- resources scattered over the Web
- experimenting tools to organise resources (website, forum, CMS)

Need for a participative tool to share and organise scattered resources

## State of the art: Semantic vs Participative Web

	Semantic Web	Participative Web
<b>Qualities</b>	Powerful logical reasoning	Low-cost metadata Diversity of point of view
<b>Weaknesses</b>	High-cost metadata Difficulty to obtain a single model	Difficulty to structure metadata Basic clustering around metadata

Merging approaches? (Semantic Web 2.0 or Web 3.0)

add a bookmark

Address:

Title:

Description:

Tags:

Privacy:

**Structurable tags**  
 Inclusion : >  
 Synonymy : =

## SemanticScuttle vs Related works

	SemanticScuttle	Related works
<b>Control</b>	Any user can create tags and relations between them	One supervisor has advanced control on tags and relations
<b>Model</b>	No common model but an aggregated one tolerating inconsistency	One underlying common model or constraining one
<b>Ergonomy</b>	On-the-fly relations	Relations added through browsing in a tree

From tags to ontology or from ontology to tags?

semanticscuttle (Demo) structurable tagging

teacher1 Search this user's bookmarks for Search

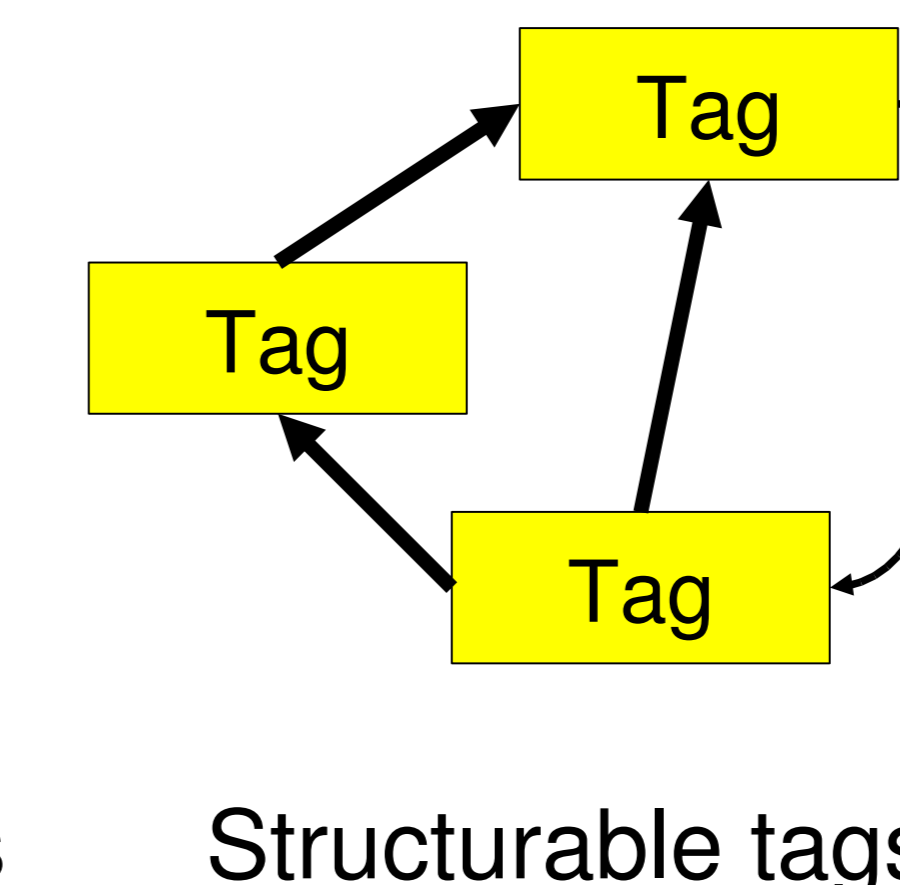
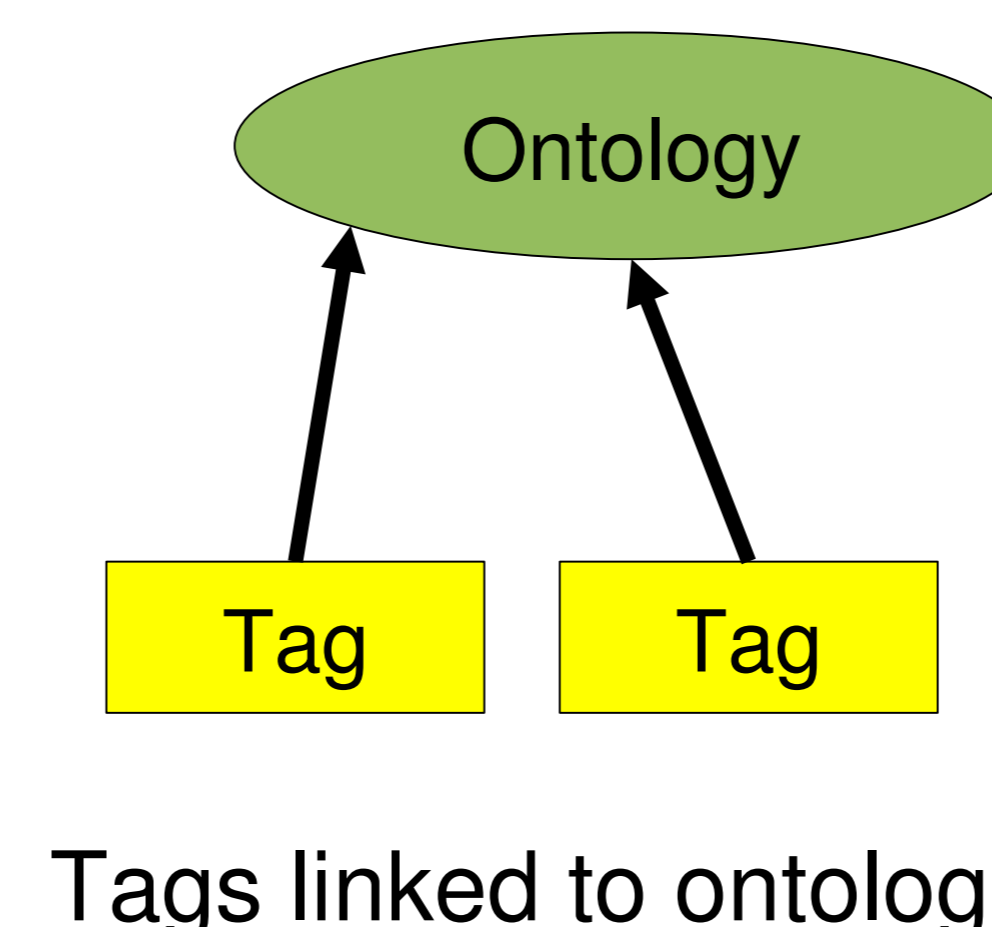
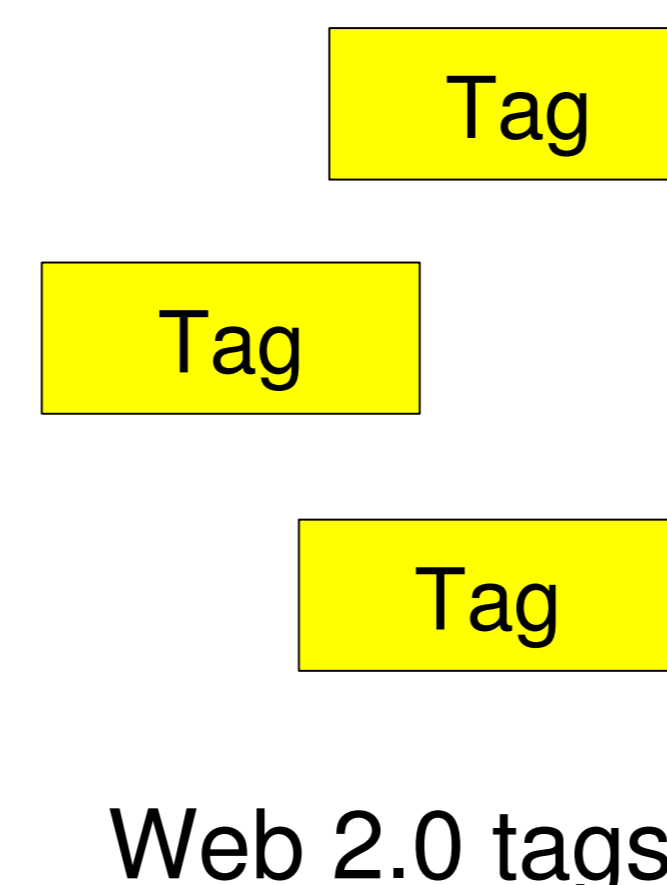
2 bookmark(s) - Sort by: Date Title URL

linked tags (plus)

- airplane
  - > airbus
  - > a380
- type
  - > simulation
  - > video
- tests, test
  - > flexibility
  - > braking

popular tags

a380 braking flexibility simulation



## Experimentation

- Difficulties
- Competition with other tools
  - Foreseen observations on structurable tags
  - Which interfaces to manage them?
  - Social organisation to annotate them?
  - Emerging structures of tags?

Work in progress

From social to collaborative bookmarking

SemanticScuttle: <http://sourceforge.net/projects/semanticscuttle/>