



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

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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

add a bookmark

Address:

Title:

Description:

Tags:

Privacy:

**semanticscuttle** (Demo) structurable tagging

teacher1 Search  for

2 bookmark(s) - Sort by:

**Test of flexibility of an AIRBUS wing**  
  
[http://www.mecamedia.info/index/flash\\_a380](http://www.mecamedia.info/index/flash_a380)  
26-03-2008 to a380, flexibility, simulation and 1 other

**Video of Airbus brake test**  
  
[http://www.youtube.com/watch?v=m1dv\\_y\\_3EK0](http://www.youtube.com/watch?v=m1dv_y_3EK0)  
26-03-2008 to a380, braking, video and 1 other

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**linked tags (plus)**

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

**popular tags**

a380 braking flexibility simulation

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

## State of the art: Semantic vs Participative Web

	Semantic Web	Participative Web
Qualities	Powerful logical reasoning	Low-cost metadata Diversity of point of view
Weaknesses	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)

## SemanticScuttle vs Related works

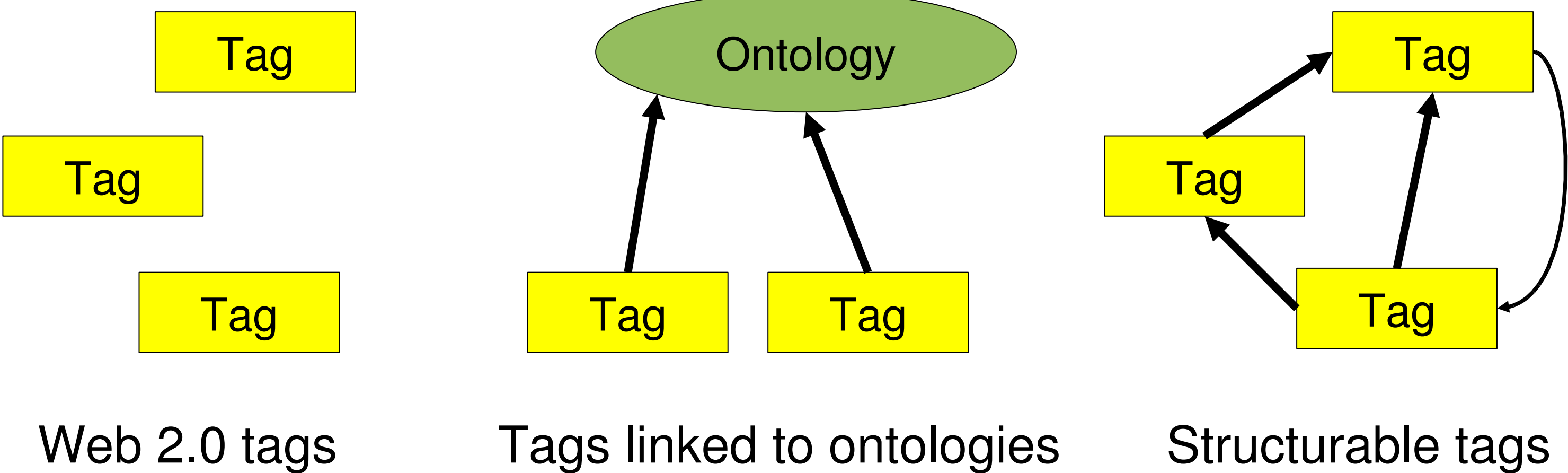
	SemanticScuttle	Related works
Control	Any user can create tags and relations between them	One supervisor has advanced control on tags and relations
Model	No common model but an aggregated one tolerating inconsistency	One underlying common model or constraining one
Ergonomy	On-the-fly relations	Relations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

From tags to ontology or from ontology to tags?

## 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/>