

Semantic annotations

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Semantic annotations

- RDFa

```
<p xmlns:dc="http://purl.org/dc/elements/1.1/"  
  about="http://www.example.com/books/wikinomics">  
  In his latest book  
  <cite property="dc:title">Wikinomics</cite>,  
  <span property="dc:creator">Don Tapscott</span>  
  explains deep changes in technology,  
  demographics and business.  
  The book is due to be published in  
  <span property="dc:date" content="2006-10-01">October 2006</span>.  
</p>
```

- Microformats

- vcard, geo

```
The birds roosted at  
<span class="geo">  
  <span class="latitude">52.48</span>,  
  <span class="longitude">-1.89</span>  
</span>
```

RDFa

- SAMP'ling your browser for the semantic web, ADASS 2009
 - browser plugin
 - RDFa-like approach
- Norman's AGAST project

Microformat

- Very simple test with astronomical object name tagging
 - start with a page, where some parts are tagged to indicate they are object names
 - see what can be done with a bit of JS
 - use UCDs as vocabulary : `meta.id`;...
- `Beehive`
- Add mode information / capabilities to the page

Technologies

- Javascript : jQuery
- Remote service returning JSONp
- Experiment with Samp Web profile

- Demo :
 - dynamically add contents to annotated page

VO and Semantic annotations

- Semantic annotations
 - lots of prototyping, formats proposal, ...
 - no effort yet to standardize in the VO
- Chicken and egg
 - why add semantic tags if no format or use case ?
 - no use case if no semantic tags available !
- Add annotations automatically ?
- Gadget or Roadmap ?