RDFa:
Bridging the Hypertext and Semantic Webs

Ben Adida
Creative Commons / MIT

RDF-in-HTML Task Force of the W3C
http://rdfa.info

26 May 2006
Why You Should Care

- The web really works because it is interoperable.

- What’s true for human-rendered data is true for machine-readable metadata.

- Tens of Billions of HTML pages: The Semantic Web will evolve in part from the existing Web.
Principles

- All the Goodness of RDF:
  - independence
  - modularity/reusability
  - evolvability
- Don’t Repeat Yourself (DRY)
- In-Context Metadata (Cut & Paste)
RDFa
(Semantic HTML)
licensed under a

<a href="http://cc.org/licenses/by/2.5/">
Creative Commons License
</a>.
licensed under a
<a rel="cc:license"
  href="http://cc.org/licenses/by/2.5/">Creative Commons License</a>.
This document was written by
<span property="dc:creator">Ben Adida</span>
and is licensed under a
<a rel="cc:license"
   href="http://cc.org/licenses/by/2.5/">
   Creative Commons License
</a>.
This photo was taken by Ben Adida and is licensed under a Creative Commons License.

Creative Commons License
**SweetWiki**: Semantic Web enabled technologies in Wikis

- No more WikiML: persistence in XHTML + RDF/A
- Everything (inc. social tagging) based on RDF/S OWL schemas

**Michel Buffa, Fabien Gandon**

(I3S) (INRIA)
<h2 property="rss:title">Events</h2>
<p property="rss:description">Events.</p>
<link rel="rss:items" href="#items" />
<ul id="items">
    <li href="#item_56">RDFa Talk at WWW2006</li>
    <li href="#item_57">RDFa Bookmarklets Released</li>
    ...
</ul>

<div id="item_56" about="#item_56" role="cal:Vevent">
    <h3 property="rss:title">RDFa Talk at WWW2006</h3>
    <p property="rss:description">Ben will be giving a talk on RDFa at <a rel="cal:location" href="...">WWW2006</a> on ...
    </p>
</div>
Does It Validate?

- Currently, XHTML 2
- Soon, XHTML 1.1/1.2
- It **works** in current browsers
Demo
Want More?

http://rdfa.info