Open Annotation: Bridging the Divide?

Robert Sanderson  
azaroth42@gmail.com  
Los Alamos National Laboratory  
@azaroth42

Paolo Ciccarese  
paolo.ciccarese@gmail.com  
Harvard Medical School  
@paolociccarese  
(Community Group Co-Chairs)

Open Annotation Community Group  
http://www.w3.org/communities/openannotation/  
eBooks: Great Expectations for Web Standards  
February 11-12 2013, New York, USA
What is Annotation?

An Annotation is considered to be a set of connected resources, typically including a body and target, where the body is related to the target.

Users Annotate To:

...Provide an Aide-Memoire
...Share and Inform
...Improve Discovery
...Organize Resources
...Interact with Others
...Create as well as Consume

Highlighting, Bookmarking
Commenting, Describing
Tagging, Linking
Classifying, Identifying
Questioning, Replying
Editing, Moderating
W3C Open Annotation Community Group

- Established after reconciliation of Open Annotation Collaboration and Annotation Ontology models
- 61 participants from around the world: 10th of 110 groups
  Many universities, also commercial and not-for-profit

Mission:

Interoperability between Annotation systems and platforms
  …following the Architecture of the Web
  …reusing existing web standards
  …providing a single, coherent model to implement
  …without requiring adoption of specific platforms
  …while maintaining low implementation costs
Basic Data Model

http://www.openannotation.org/spec/core/
eBook Use Case: Commenting

oa:motivatedBy

anno1

rdf:type

oa:Annotation

oa:hasTarget

oa:hasBody

ALICE'S ADVENTURES IN WONDERLAND

By Lewis Carroll

ALICE'S ADVENTURES IN WONDERLAND.

BY LEWIS CARROLL.

WITH FORTY-TWO ILLUSTRATIONS

BY JOHN TENNIEL.

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eBook Use Case: Bookmark

I want to read this

ALICE'S
ADVENTURES IN WONDERLAND.
BY LEWIS CARROLL.
WITH FORTY-TWO ILLUSTRATIONS
BY JOHN TENNIEL.
Further Specification of Resources

Specific Body and Specific Target resources identify the region of interest, and/or the state of the resource.

Need to be able to describe the state of the resource, the segment of interest, and potentially styling hints for how to render it.

We introduce:

- **State**: Describes how to retrieve representation
- **Selector**: Describes how to select segment
- **Style**: Describes how to render/process segment
- **Scope**: Describes context of the resource
**eBook Use Case: Commenting**

I love this passage with the Cheshire Cat!
Other eBook Use Cases

- Highlight a range of text
- Bookmark last reading position
- Annotating embedded multimedia objects
- Noting errors
- Compare/contrast passages within a text
- Annotations that span across resources/eBooks
- Migrating/maintaining personal notes across eBook platforms
- ...

Any Annotation use case for the Web can be applied to the fixed microcosm of an eBook.
Thank You

Robert Sanderson
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http://www.flickr.com/photos/hinkeb/5232293964/

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