Open Annotation: Bridging the Divide?

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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	Highlighting, Bookmarking
…Share and Inform	Commenting, Describing
…Improve Discovery	Tagging, Linking
…Organize Resources	Classifying, Identifying
…Interact with Others	Questioning, Replying
…Create as well as Consume	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

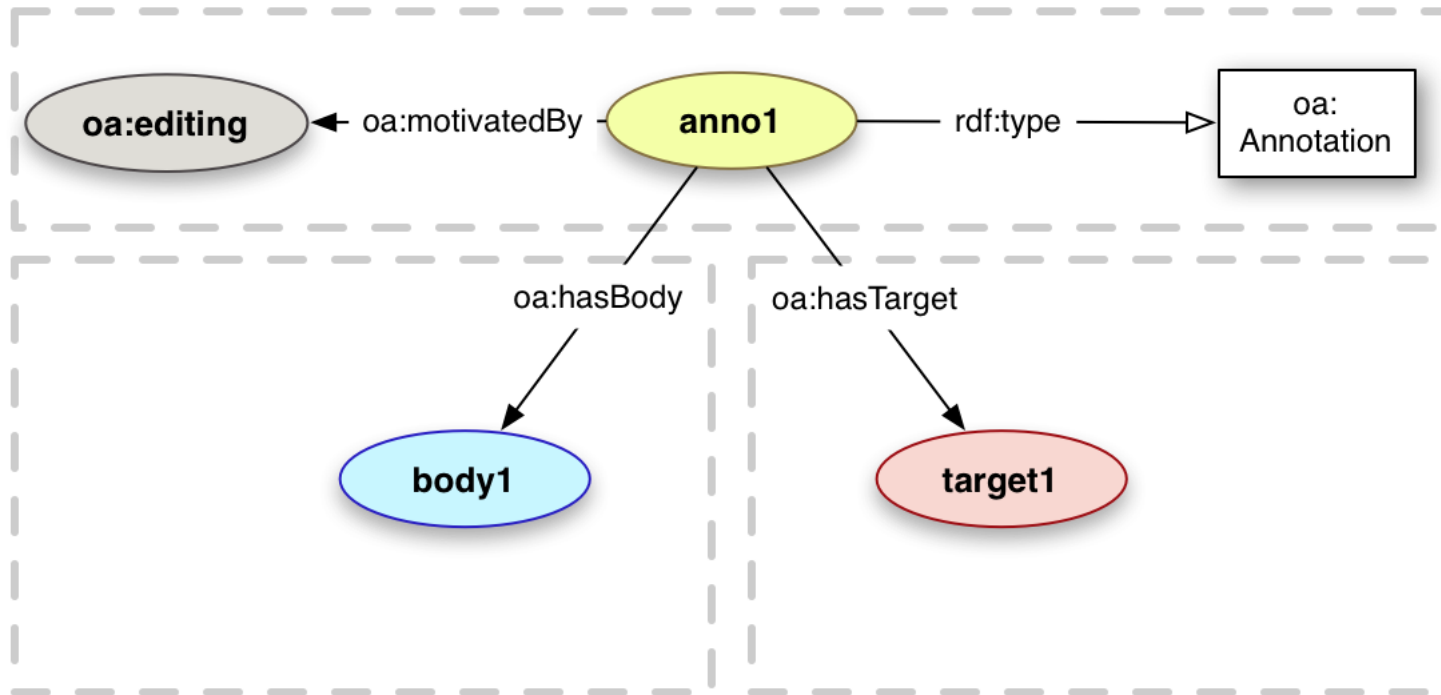…following the Architecture of the Web

…reusing existing web standards

…providing a single, coherent model to implement

…without requiring adoption of specific platforms
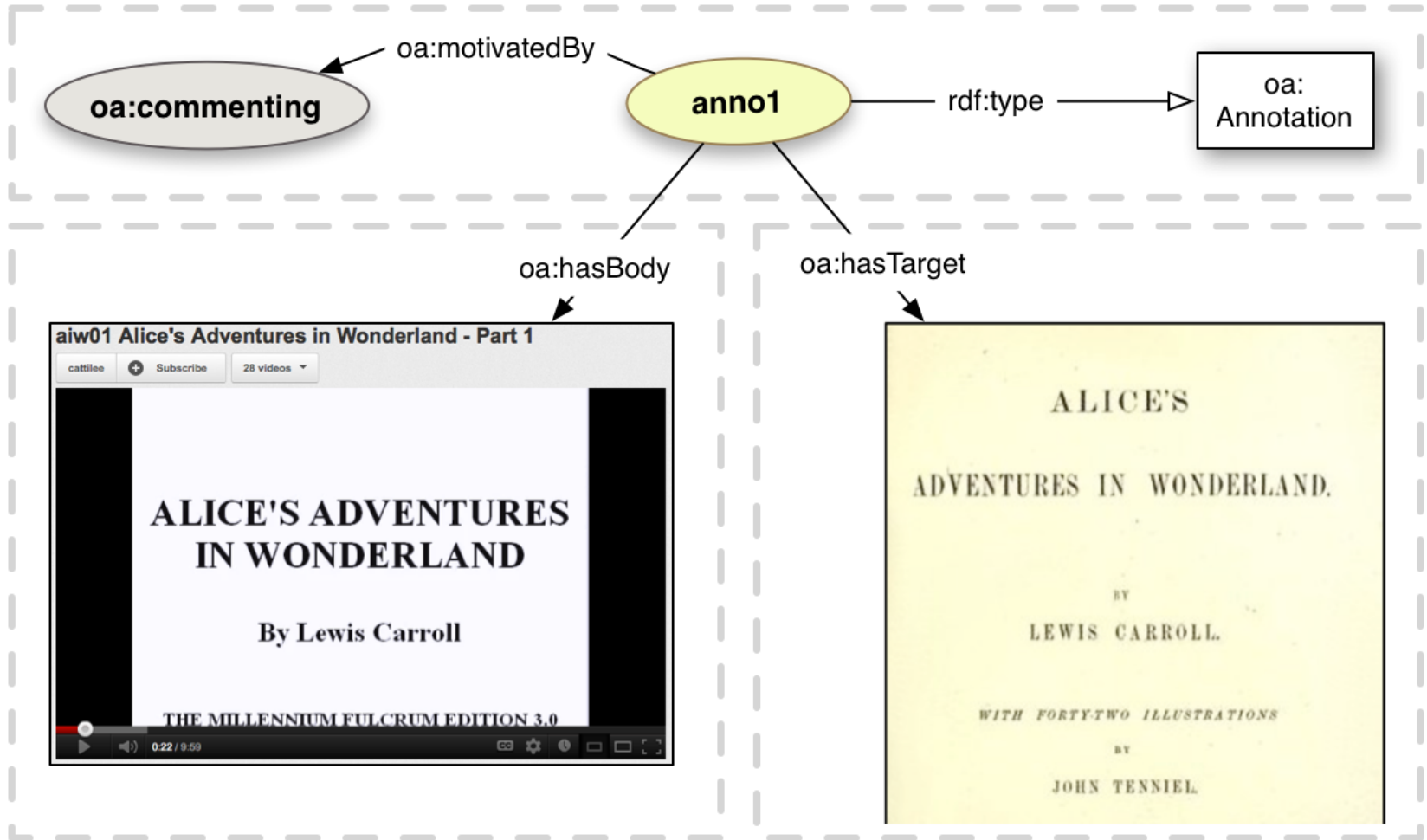
…while maintaining low implementation costs

Basic Data Model

http://www.openannotation.org/spec/core/

eBook Use Case: Commenting

oa:commenting — oa:motivatedBy — anno1 — rdf:type — oa:Annotation

oa:hasBody

oa:hasTarget

aiw01 Alice's Adventures in Wonderland - Part 1

cattilee Subscribe 28 videos

ALICE'S ADVENTURES IN WONDERLAND

By Lewis Carroll

THE MILLENNIUM FULCRUM EDITION 3.0

0:22 / 9:59

ALICE'S ADVENTURES IN WONDERLAND.
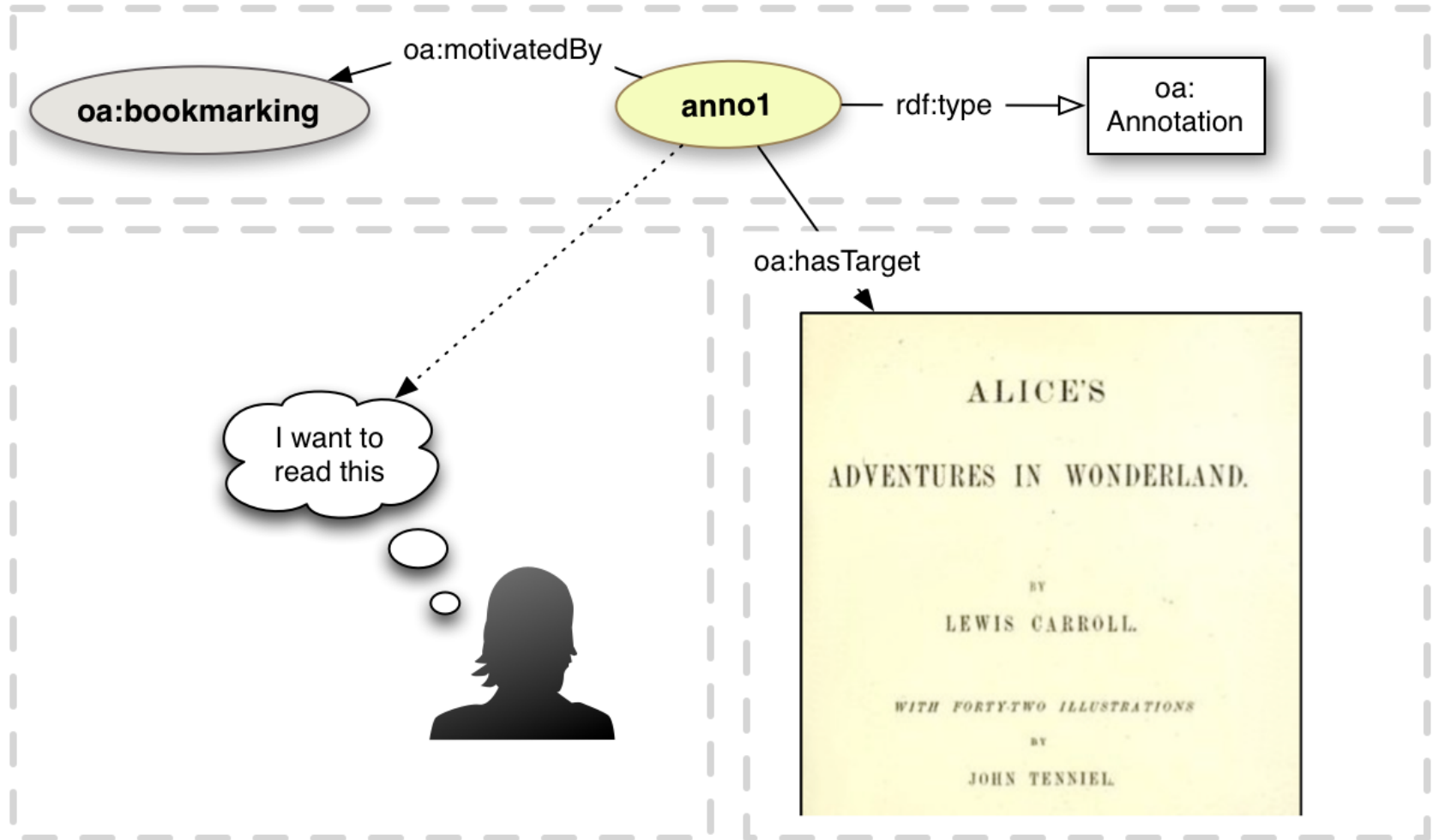
BY LEWIS CARROLL.

WITH FORTY-TWO ILLUSTRATIONS

BY

JOHN TENNIEL.

eBook Use Case: Bookmark

Further Specification of Resources

Specific Body and Specific Target resources <u>identify</u> the region of interest, and/or the state of the resource.
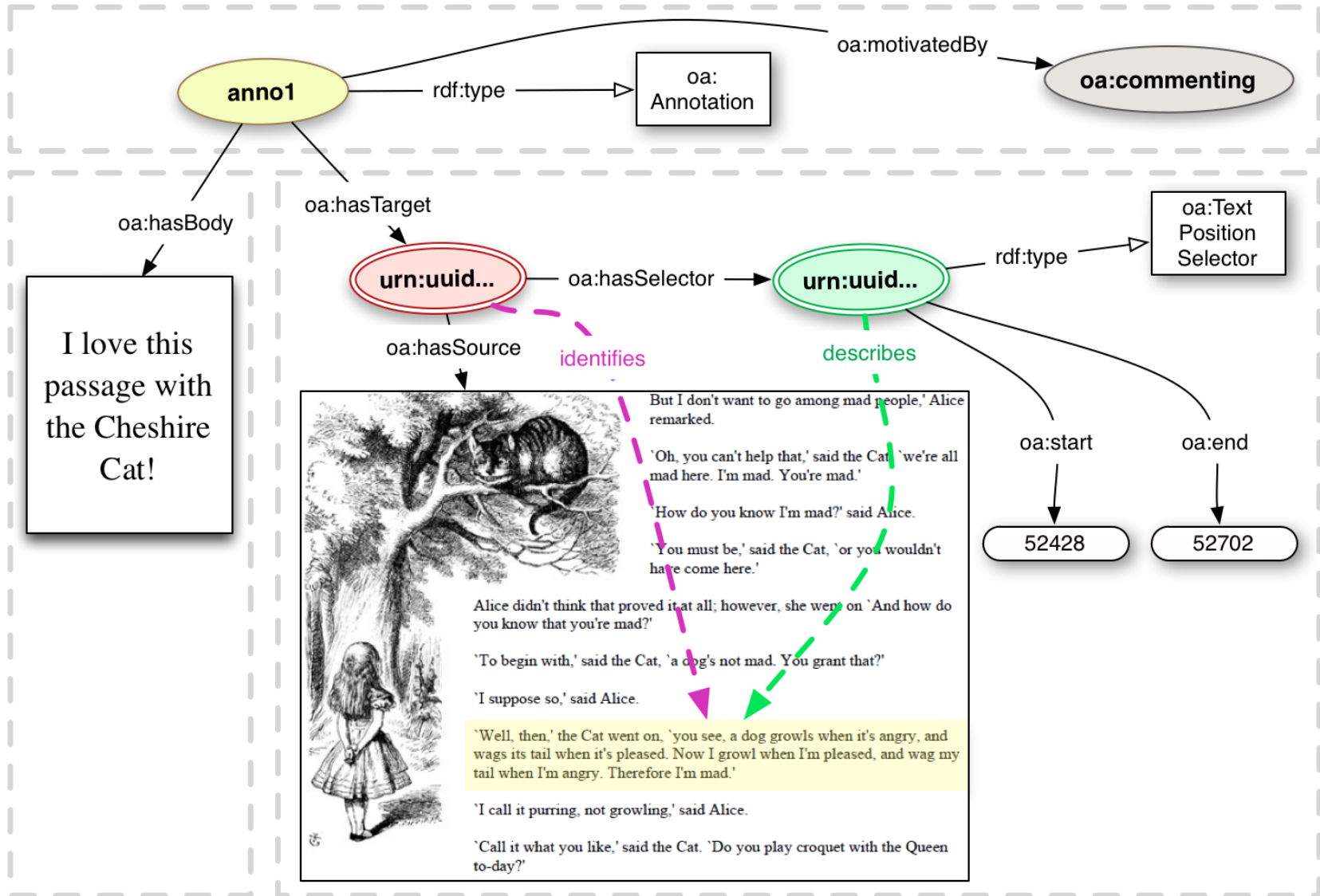
Need to be able to <u>describe</u> the state of the resource, the segment of interest, and potentially styling hints for how to render it.

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

anno1

rdf:type → oa: Annotation

oa:motivatedBy → **oa:commenting**

oa:hasBody → I love this passage with the Cheshire Cat!

oa:hasTarget → urn:uuid...

oa:hasSelector → urn:uuid...

rdf:type → oa:Text Position Selector

oa:hasSource

identifies

describes

oa:start → 52428

oa:end → 52702

But I don't want to go among mad people,' Alice remarked.

'Oh, you can't help that,' said the Cat, 'we're all mad here. I'm mad. You're mad.'

'How do you know I'm mad?' said Alice.

'You must be,' said the Cat, 'or you wouldn't have come here.'

Alice didn't think that proved it at all; however, she went on 'And how do you know that you're mad?'

'To begin with,' said the Cat, 'a dog's not mad. You grant that?'

'I suppose so,' said Alice.

'Well, then,' the Cat went on, 'you see, a dog growls when it's angry, and wags its tail when it's pleased. Now I growl when I'm pleased, and wag my tail when I'm angry. Therefore I'm mad.'

'I call it purring, not growling,' said Alice.

'Call it what you like,' said the Cat. 'Do you play croquet with the Queen to-day?'
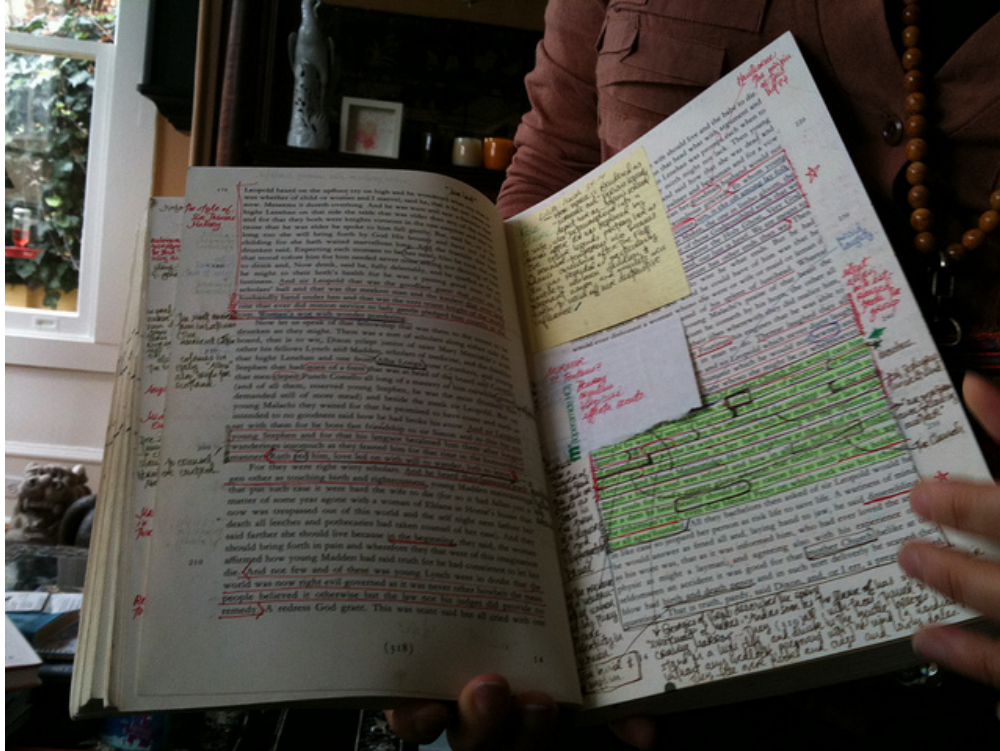
Other eBook Use Cases

- 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

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