

Web Annotations

Building the Experience

Annotation

An annotation is something added.

It is not the primary content, or even the secondary content.

It is the association.

Annotation (cont.)

Annotations exist already

- Links
- Block quotes
- Semantic markup
- Pingbacks

What Exists

Inline annotation

- microdata
- microformats

Out-of-band annotation

- webmentions
- pingbacks

What Should Exist

Decentralized

Interoperate

- Data model
- Component model

Distribute

- Syndication
- Discovery

Read-write

We deserve the freedom to reference.

URI syntax cannot be overloaded forever.

Read-write

How do we go from out of band to inline?

- anchoring

Or vice versa?

- selecting

Read-write

We need great components.

Ideas

- DOM events
- Selection pseudo elements
- Discovery endpoints

DOM Events

Existing event targets are DOM elements.

We want the data.

Idea: *event.dataTarget*

Challenges: cross-device focus and selection

Selection pseudo elements

Can we describe a selection and style it?

Without modifying the DOM (observably)?

Idea: take hints from *a:visited*

Challenge: performant selectors

Discovery endpoints

Where do we get annotations?

- feed discovery (activitystreams)

Where do we publish them?

- locally
- webmention

Conclusion

We do not need much.

We need to be extremely practical.

We must solve problems for developers.