



Accessibility of Annotations

Chris Gallelo

Program Manager, Office Online

cgallell@microsoft.com



Code errors

```
3 var color = "blue";  
4 error  
5
```

```
1  
2 Could not find symbol 'error'.  
3 any  
4 error;  
5
```

Break points

```
7 }  
8 function w(n) {  
9     n.className = "bepidon";  
10 }
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Visual Studio Online

Code errors

Annotated text

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Annotation

Break points

Annotated text

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Annotation

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Spelling Comments

Annotations is the act of creating associations between distinct pieces of information. Annotation is a ubiquitous activity online in many guises: comments on articles, footnotes, sticky notes, "hot spots" on images, timestamped notes on video or audio tracks, highlighted text passages in ebook readers, evocative pictures attached to song lyrics, quotes and links on social media, geotagged pinpoints on maps, and even tagged bookmarks, are all forms of annotation. One of the most common and engaging web activities for the average person is discussion of a document or piece of media.

Many projects and companies are now turning to annotations to solve a variety of issues with communication on the web.

W3C recognizes the value and potential in annotations of various types, and is holding a [workshop](#) to determine what the web ecosystem needs to fully realize the potential of annotations.

Comments

+ New Comment

Christopher Gallelo 2:24 PM

This is an example of a comment

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Annotated text

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Annotation

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UX of annotations...

1. Read text
2. Notice the annotation
3. Continue reading OR decide to read the annotation
4. Find the annotation based on visual cues
5. Read the annotation
6. Interact with the annotation
7. Resume reading

Example screen reader features

- Announce when entering/exiting annotation
- Keyboard shortcut to hear the annotation
- Keyboard shortcut to hear the annotated text range
- Keyboard shortcut to move focus between an annotated text region and the annotation
- Keyboard shortcut to "resume reading"

aria-annotationtype

A localized name of the annotation type that applies to the marked up region.

aria-annotatedby

A space delimited list of element IDs of regions which hold the annotation text that applies to the marked up region.

aria-annotationfor

A space delimited list of element IDs of regions for which this marked up region is the annotation.

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This is an example of a comment

`id="commentedRange1"`
`aria-annotationtype="comment"`
`aria-annotatedby="comment1"`

`id="comment1"`
`aria-annotationfor="commentedRange1"`

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