Accessibility of Annotations

Chris Gallello
Program Manager, Office Online
cgallell@microsoft.com
**Code errors**

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

**Break points**

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

---

**Visual Studio Online**
Visual Studio Online

**Code errors**

- Annotated text
  ```
  3  val color = "blue";
  4  error
  5  
  ```

- Annotation

**Break points**

- Annotated text
  ```
  8  function w(n) {
  9     n.className = "bepidon";
  10  }
  ```

- Annotation
Annotating 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.
Annotating is the act of creating associations with masses 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 content, highlighter marks on text passages in ebook readers, evocative pictures attached to song lyrics, quotes and links on social media, geo-tagged 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.
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.
Annotating is the act of creating associations between distinct pieces of information. Annotation is a ubiquitous activity online in many guises: footnotes, sticky notes, “hot spots” on images, timestamped notes on video, evocative pictures attached to song lyrics, quotes and links on social media, geotagged pinpoints on maps, and even tagged bookmarks and metadata on web activities for the average reader.

Many projects and campaigns have focused on encouraging the use of annotations to enhance communication on the web. The 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.
Annotating is the act of creating associations between distinct pieces of information. Annotation is a ubiquitous activity online in many guises: footnotes, sticky notes, “hot spots” on images, timestamped notes on video, text passages in e-book readers, evocative pictures attached to song lyrics, quotes on social media, geotagged pinpoints on maps, and even tagged bookmarks for web surfing and engaging web activities for the average user.

Many projects and companies measure 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.
Annotating is the act of creating associations between distinct pieces of information. Annotation is a ubiquitous activity online in many guises: footnotes, sticky notes, “hot spots” on images, timestamped notes on video, and even highlights in ebooks. Annotations may include text passages in ebook readers, evocative pictures attached to song lyrics, quotes or links on social media, geotagged pinpoints on maps, and even tagged bookmarks in web browsers. Annotation and engaging with comments on articles, blogs, and web activities are the average user's experience with annotations.

Many projects and companies are exploring the use of annotations for 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.
Chris Gallello
Program Manager, Office Online

cgallell@microsoft.com