

Community Meeting (May 16, 2018): Firefox accessibility Inspector

Description

Presenter: Yura Zenevich

[Introducing the Accessibility Inspector](#)

[Accessibility Object Model Explainer](#)

[Video Recording](#)

Notes

- Accessibility Inspector
 - due out in FF 61 (should be mid July 2018)
 - use from the Dev Tools, but it will be disabled by default
 - intended for those who already know about a11y, not meant to educate about a11y
 - it will display the a11y tree
 - the a11y tree is how a browser represents accessible information
 - it corresponds to the level or aria support by Firefox
 - similar to DOM tree
 - it will help you to determine if things that you have presented to the user matches the semantic structure of the document
 - e.g. is the visual presentation inline with what will be presented to a screen reader
 - Future plans
 - potentially provide educational information, for example tooltip to describe the role of an item
 - links to MDN
 - show how the name of the element was determined, similar to how CSS shows how rules are overridden
 - will improve highlighting of elements in the DOM to include info such as role and name, and other things to help with diagnostics of a11y issues.
 - add more properties for relations between accessible objects
- AOM
 - <https://github.com/WICG/aom/blob/gh-pages/explainer.md>
 - still in development
 - one of the primary reasons is for canvas accessibility.
 - will allow developers to build virtual accessibility trees.
 - another reason is to help with relations that need an id reference
 - for example aria-describedby, so that you don't need to actually provide an id to link them.
 - save from modifying the DOM to make changes to the a11y tree
 - also provides better accessibility for web components because the browser will be able to emit a11y events.