Web Accessibility Test Tools

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About Web Accessibility

Web accessibility means that websites, web tools, and technologies are designed and developed in a way that people with disabilities can use them.

It's important for businesses, end users, to ensure web accessibility, compliant within both Section 508 laws and the adopted standards of WCAG 2.0

To learn more about Web Accessibility: https://www.w3.org/WAI/

Web Accessibility - Online websites checkers

Web Accessibility - Chrome browser extensions

Web Accessibility Testing Tools - DEMOs

Website scanners

Axe DevTools

- https://accessibe.com/accessscan?website=https://practicesoftwaretesting.com
- https://www.audioeye.com/scan/results/?url=https://practicesoftwaretesting.com

https://chrome.google.com/webstore/detail/axe-devtools-web-accessib/lhdoppojpmngadmnindnejefpokejbdd

Web Accessibility - **Tools for test automation**

axe-core - deque's accessibility testing engine for test automation

@khaipham/axe-testcafe - allow latest aXe accessibility engine to be used in TestCafe tests

@khaipham/testcafe-common -

- added a11yCheck() function - accessibility check with error Threshold

@khaipham/testcafe-automation -

- use testcafe-common a11yCheck() in helper function validate_accessibility()
- suites/accessibility - accessibility tests with command line parameters for Url & Threshold

Web Accessibility Testing Tools - DEMOs

Testcafe-
common
A11y tests

Testcafe-
Automation
A11y tests

➢ testcafe chrome test/a11y_test.js --skip-js-errors
--violationThreshold=1

➢ testcafe chrome suites/accessibility
--siteUrl=https://practicesoftwaretesting.com
➢ testcafe chrome suites/app1/end2end/template1_test.js
--violationThreshold=1

Web Accessibility - axe Accessibility Linter for VS Code

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Questions & Comments:

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