ARC Toolkit QuickStart Guide

Overview

The ARC Toolkit is a set of accessibility tools which aids developers in identifying accessibility problems and features for WCAG 2.0, WCAG 2.1, EN 301 549, and Section 508.

The ARC Toolkit is tightly integrated with Chrome’s Developer Tools and uses the ARC rule set, the same rules used by default in the ARC platform. This allows developers and quality assurance testers to take their ARC testing into their development environments and thoroughly investigate issues raised in ARC scans.

Installation

1. Install ARC Toolkit from the Chrome Store.
2. Select “Add to Chrome” button.

3. Once installed, open the Settings menu in Chrome and select /More tools/Developer Tools or select F12.
4. In the DevTools tab bar, select the “ARC Toolkit” tab.

Using the Toolkit

To analyze a webpage, browse to the page in Chrome and select the “Run Tests” button.
Results display in a table in the left pane (1), organized by page element (images, headings, tables etc.) The right pane (2) displays the results organized by test.

The columns in the results table show the number of visible instances, errors and warnings and then the same for elements hidden on the page (in the page code but not displayed visually.)

1. **Total Visible Results**
2. **Visible Errors**
3. **Visible Warnings**
4. **Total Hidden Results**
5. **Hidden Errors**
6. **Hidden Warnings**

The Right panel shows assertions (the rules tested, such as “no alt”) and the errors and warnings discovered by those tests.

**Results Definitions:**

- **Passing** results are those with no accessibility issues found.
- **Errors** are results where accessibility issues are found.
- **Warnings** are potential issues that ARC has flagged but require manual verification.
- **Hidden** results that are not visible in a browser but may impact assistive technology users.
Exploring Results

To explore results, select an element (Images, Headings etc.) in the table to view a visual representation on the page. Visible instances are indicated on the page by a red dashed outline and text.

When an element is selected the right panel shows the related code, issue description and recommendation.

Select the code in the right panel to leave the ARC Toolkit and jump to the Elements tab on Developer Toolbar, where the code is highlighted in context.
Additional Features

There are a couple of new WCAG 2.1 tests (1), Reflow and Text spacing. Just check the checkboxes to run these tests.

You can also run your page code through a html validator (2) either by sending the code itself or the page URL.

1. Show and Track Focus
   - Check Page Reflow (WCAG 2.1)
   - Check Text Spacing (WCAG 2.1)

2. Send DOM to Validator
   - Send URL to Validator