



**Homeland  
Security**

# ACRT USER GUIDE

Version 3.0 | September 2020

**DHS Accessibility Help Desk**

**<http://accessibility.dhs.gov>**

**202-447-0440 (Voice)**

**202-447-0582 (Fax)**

**[accessibility@hq.dhs.gov](mailto:accessibility@hq.dhs.gov)**

Contents

Preface .....3

Pre-requisites .....3

List of Figures in Main Content.....3

List of Tables – Appendix A .....4

List of Figures – Appendices .....4

Section 1:.....5

Accessibility Compliance Reporting Tool Overview.....5

    1.1 Introduction to ACRT .....5

Section 2:.....6

Download ACRT .....6

    2.1 Download ACRT From GitHub .....6

    2.2 Download ACRT from Bitbucket.....8

Section 3:.....10

Create/Edit Report.....10

    3.1 Load JSON File .....10

    3.2 Product Section (Required Fields).....12

    3.3 Test Environment Section.....14

    3.4 Tester Information Section (Required Fields).....15

    3.5 Save Template File.....16

Section 4:.....17

Enter Test Results .....17

    4.1 Test Results Form – Add Data .....17

    4.2 Test Results Form – Add Child Issue.....19

Section 5:.....21

Remediation Details.....21

    5.1 Add Remediation .....21

Section 6:.....23

View Final Report.....23

    6.1 Finalize and Accessibility Conformance Report .....23

Section 7:.....25

References .....25

**Appendix A – File Types for ACRT Source Files.....25**

**Appendix B – Advanced User Support.....26**

Introduction to JSON .....	26
JSON File Structure .....	26
How to Manipulate the JSON File.....	26
How to Update Test Conditions .....	27
Updating Dropdown Menu Option.....	27

## Version History

Date	Version
January 2020	1.0
June 2020	2.0
September 2020	3.0

## Preface

The purpose of the ACRT User Guide is to provide standardized instructions on using the application to create test results for web and/or software content, leveraging the version-specific processes. Currently, this version uses Trusted Tester v4 and v5. Test results can be modified based on different organizational needs. Note: Screenshots are for general guidance only. Language and user interface details may differ depending on application version and browser version.

## Pre-requisites

Use of ACRT does not require access to any government sites or databases.

## List of Figures in Main Content

- Figure 1: ACRT Home Page
- Figure 2: ACRT GitHub Home Page
- Figure 3: GitHub Download icon
- Figure 4: Download ZIP highlighted
- Figure 5: Standard ACRT\_V\_1.0.0
- Figure 6: Index file highlighted in ACRT Support Files
- Figure 7: ACRT Bitbucket Home Page
- Figure 8: Expand Dropdown Menu for Download
- Figure 9: Zipped ACRT folder Extract All option highlighted
- Figure 10: Create Report Page
- Figure 11: SuccessCriteria.json template file
- Figure 12: Create Report Page – Product Section
- Figure 13: Create Report Page – Test Environment Section
- Figure 14: Create Report Page – Test Information Section
- Figure 15: Save Button for New Test Results Form
- Figure 16: Save Button for Existing Test Results Form

- Figure 17: Test Results Form
- Figure 18: Add Child Issue Button
- Figure 19: Remove Child Issue Button
- Figure 20: Go to Parent Issue Button
- Figure 21: Show Remediation Details Checkbox
- Figure 22: View Test Report

## List of Tables – Appendix A

- Table A.1: File Types for ACRT Descriptions

## List of Figures – Appendices

- Figure A.2: File Types for ACRT
- Figure B.1: Sample JSON file with property and value attribute highlighted
- Figure B.2: Sample of Tester section of JSON file
- Figure B.3: Sample JSON file highlighting Criteria ID property to replace 2.2.2 test condition value

# Section 1:

## Accessibility Compliance Reporting Tool Overview

### Tool Tips:

- ✓ Access to government sites or databases is not required to use ACRT.
- ✓ Private email accounts are accepted to use ACRT.
- ✓ Captured data can be stored on a local machine in JSON file format or HTML file format.
- ✓ Trusted Testers with DHS government email accounts **ONLY** can attach the output from ACRT to a ticket in the Accessibility Compliance Management System (ACMS) 2.0 in order to record test results and to obtain a Compliance Determination Form.
- ✓ To store test results in JSON and HTML file format within ACMS, DHS users can email DHS employees with ACMS 2.0 licenses.

### 1.1 Introduction to ACRT

ACRT is a free opensource (MIT License) and browser-based application compatible to all common operating systems and does not require installation. As a standalone application, it does not directly interact with any resources outside the local working machine. Stored data can be shared using storage devices, email attachments, and/or print HTML reports, as needed.



Figure 1: ACRT Home Page

# Section 2:

## Download ACRT

### Tool Tips:

- ✓ ACRT works best in Google Chrome, Microsoft Edge, Safari, and Firefox. **It is not compatible with Internet Explorer (IE).**
- ✓ If the messages "Allow Blocked Content" or "Internet Explorer restricted this webpage from running scripts or ActiveX controls" display, close the IE browser and re-open the file using one of the browsers the tool is designed to work with.
- ✓ The latest ACRT and support files can be found on the Home page.
- ✓ The ACRT Repository is accessible to the public and does not require a GitHub account.
- ✓ Always extract all ACRT files **first** before opening Index.html

### 2.1 Download ACRT From GitHub

For instructions on how to download the ACRT repository from GitHub, visit: <https://www.wikihow.com/Download-a-GitHub-Folder>.

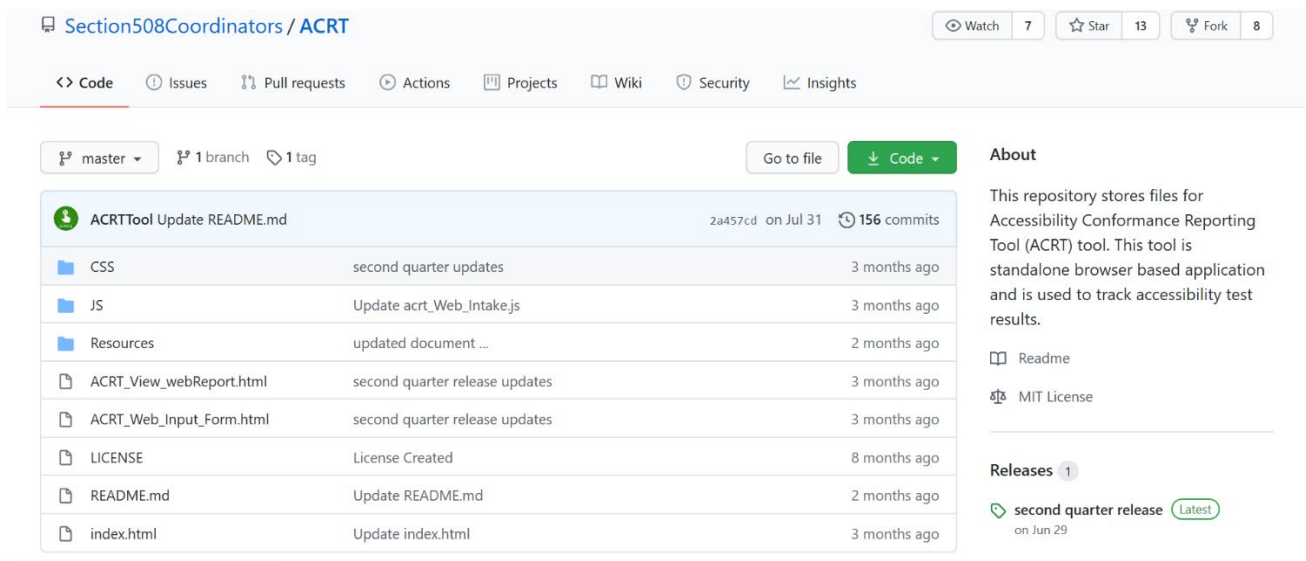

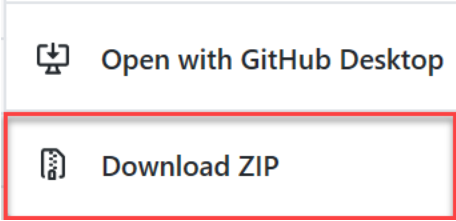



Figure 2: ACRT GitHub Home Page

Step #	Instructional Details
Step 1:	<b>Download the Latest Version of the ACRT Repository</b> Find the latest version and all support files from the ACRT repository located at: <a href="https://github.com/Section508Coordinators/ACRT">https://github.com/Section508Coordinators/ACRT</a> .
Step 2:	<b>Open ACRT in the Section 508 Coordinators GitHub Folder.</b> Navigate to the Clone or download button.
Step 3:  <i>Figure 3: GitHub Download icon</i>	<b>Select the Code Button for the Latest ACRT Version.</b> There are two options to Open in Desktop or Download Zip.
Step 4:  <i>Figure 4: Download ZIP highlighted</i>	<b>Select Download Zip to Extract ACRT Zip Files.</b> Extract the contents of the zipped file. (The application will not properly execute from within the zipped folder.)
Step 5:  ACRT-master <i>Figure 5: Standard ACRT Master</i>	<b>Copy ACRT Zip Files to Computer.</b> Once downloaded, go to your “Downloads” folder on your PC and copy the zipped ACRT Master files to your selected computer location.
Step 6:	<b>Open ACRT in Web Browser.</b>  Open the Index.html file in a compatible browser. ACRT works best in Google Chrome, Microsoft Edge, Safari, and Firefox. <b><u>It is not compatible with Internet Explorer (IE).</u></b>

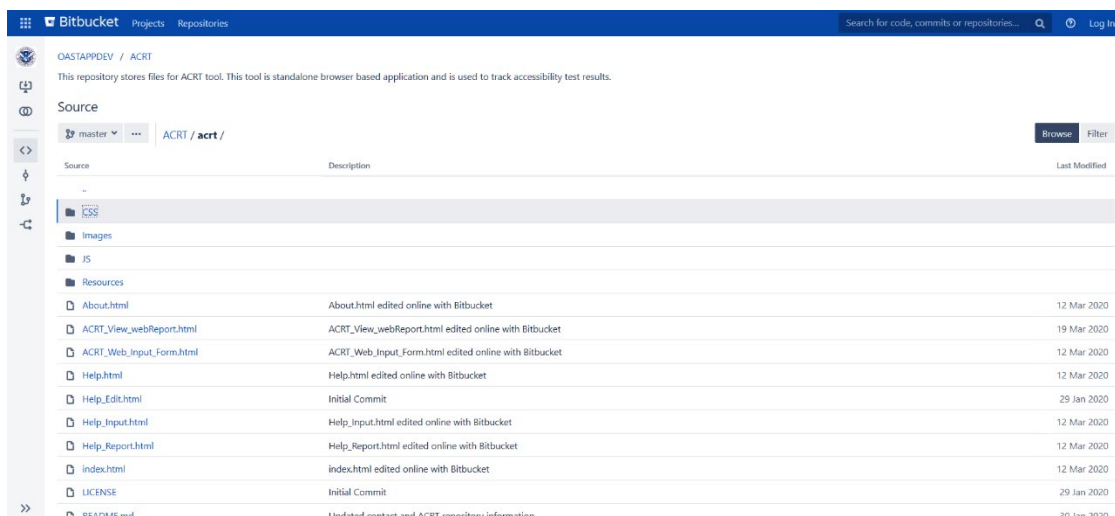


**Figure 6: Index file highlighted in ACRT Support Files**

## 2.2 Download ACRT from Bitbucket

For instructions on how to download the ACRT Repository from Bitbucket, visit:

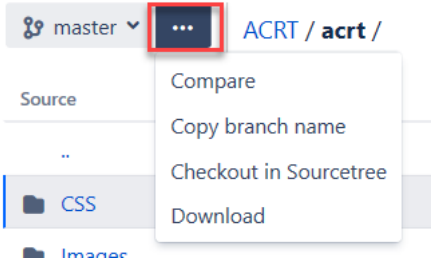
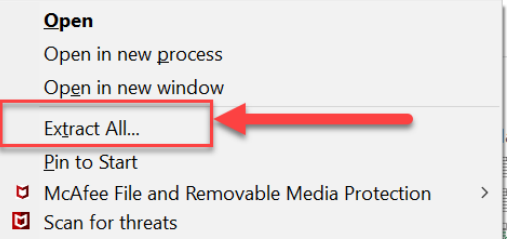
<https://confluence.atlassian.com/bitbucketserver/download-an-archive-from-bitbucket-server-913477030.html>.



**Figure 7: ACRT Bitbucket Home Page**

Step #	Instructional Details
Step 1:	<p><b>Download the Latest Version of the ACRT Repository</b></p> <p>Find the latest version and all support files from the ACRT repository located at:  <a href="https://maestro.dhs.gov/stash/projects/APPDEV/repos/acrt/browse/acrt">https://maestro.dhs.gov/stash/projects/APPDEV/repos/acrt/browse/acrt</a>.</p>



<b>Step 2:</b>	<b>Open the ACRT Bitbucket Folder.</b>  Navigate to the Branch Actions dropdown menu to download the latest ACRT version.
<b>Step 3:</b>   <i>Figure 8: Expand Dropdown Menu for Download</i>	<b>Select the Branch Actions Dropdown Menu.</b>  There are four options to include Compare, Copy branch name, Checkout in Sourcetree, and Download. <b>Note:</b> This option is only available to DHS employees who cannot access GitHub.
<b>Step 4:</b>	<b>Select Download to Extract ACRT Zip Files.</b>  Extract the contents of the zipped file. (The application will not properly execute from within the zipped folder.)
<b>Step 5:</b>	<b>Copy ACRT Zip Folder to Computer.</b>  Once downloaded, go to your “Downloads” folder for your PC and copy the zipped ACRT files to your selected computer location.
<b>Step 6:</b>   <i>Figure 9: Zipped ACRT folder Extract All option highlighted</i>	<b>Unzip ACRT Zip Folder to Computer.</b>  If Mouse User: <ul style="list-style-type: none"> <li>• Right-Click folder</li> <li>• Select Extract All</li> <li>• Choose computer location</li> </ul> If Keyboard User: <ul style="list-style-type: none"> <li>• Navigate to folder</li> <li>• Select CTRL+SHIFT+F10 to open menu options</li> <li>• Next, select Extract All</li> <li>• Choose computer location</li> </ul> <b>Note:</b> ACRT requires all files extracted to function.
<b>Step 7:</b>	<b>Open ACRT in Web Browser.</b>  Open the Index.html file in a compatible browser. ACRT works best in Google Chrome, Microsoft Edge, Safari, and Firefox. <b><u>It is not compatible with Internet Explorer (IE).</u></b>

# Section 3:

## Create/Edit Report

**Tool Tips:**

- ✓ Expand collapsed sections to reveal data fields for Product, Test Environment, and Test Information in to input information.
- ✓ Complete all required form fields in Product, Tester, and Test Results sections.
- ✓ Edit the report later to continue entering testing information including add Remediation Details by repeatedly saving partially completed testing information during the current session.
- ✓ If all tests are completed in the **Create Report** page, you can view your report in the **View Report** page.
- ✓ By default, the tool uses Product Name and Product Version to construct the filename of the saved JSON file
- ✓ You can customize the JSON file with your information to pre-populate required details.
- ✓ Recommended image types for ACRT to attach screenshots include PNG, JPEG, and GIF.

### 3.1 Load JSON File

The default JSON files for Trusted Tester v.4 and Trusted Tester v.5 (TT4 & TT5) are located inside the ACRT Resources folder.

HomeInstructionsCreate ReportAccessibility Conformance ReportView License

### Create Report

To make sure you have the latest version of ACRT, check either [GitHub](#) (all users) or [BitBucket](#) (DHS users) before completing the form.

Refer to the [ACRT User Guide](#) for complete instructions.

Tool Tips:

1. Load a JSON Trusted Tester v.4 or Trusted Tester v.5 (TT4 or TT5) Success Criteria template.
2. Complete all required form fields in Product, Tester, and Test Results sections.
3. Expand Product, Test Environment, and Tester Sections to enter information.
4. You can customize JSON Success Criteria templates with pre-populated information (e.g., Product Section) for future use.

**Select template or test results file**

Browse...

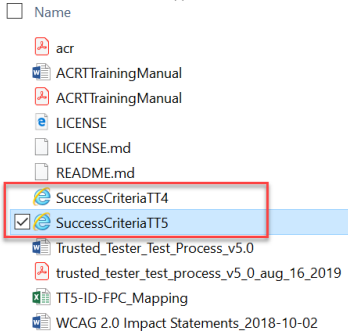
No file selected.

**Load selected file**

Load File

☐ **Disable** Add/Remove Issue Alerts

Figure 10: Create Report Page

Step #	Instructional Details
<b>Step 1:</b>	<b>Open ACRT in Web Browser.</b>  Open the Index.html file from the ACRT folder created in your file location.
<b>Step 2:</b>	<b>Select the Create Report Link.</b>  The Create Report page will open.
<b>Step 3:</b>	<b>Select the Browse Button.</b>  Navigate to the extracted ACRT folder to select template or test results file.
<b>Step 4:</b>	<b>Choose the ACRT Folder.</b>  File location is in your Draft folder or within your custom location.
<b>Step 5:</b>  	<b>Select the Resources Folder.</b>  Navigate to the SuccessCriteriaTT4.json or SuccessCriteriaTT5.json file located in ACRT folder > Resources folder or within your custom location.
<b>Figure 11: SuccessCriteria.json template file</b>	
<b>Step 6:</b>	<b>Open SuccessCriteria.json Template File.</b>  File window will close once loaded.
<b>Step 7:</b>	<b>Select Load File Button.</b>  The selected JSON file loaded will display notification of test method, version, and generate new test results form to input data.

<b>Step 8:</b>	<b>Select Disable Add/Remove Issue Alerts Checkbox (Optional).</b>  The types of alerts that can be disabled are adding/removing issues within the test results form.
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### 3.2 Product Section (Required Fields)

Complete required form fields as indicated by a red asterisk to include: Name of Product, Product Version, and Product Description. Other fields are completed as desired.

Product

Select to hide Product section

\* Product Name (Required, 100 chars max):

\* Product Version (Required, 50 chars max):

Product Owner/Vendor (50 chars max):

Product Type:

Location (150 chars max):

\* Product description (Required, 500 chars max) :

Notes (500 chars max):

Figure 12: Create Report Page – Product Section

Step #	Instructional Details
Step 1:	<b>Select the Show/Hide Product Section Button.</b>  Expand the form fields to reveal all or collapse to hide.
Step 2:	<b>Input the Product Name.</b>  Complete the required form field.
Step 3:	<b>Input the Product Version.</b>  Complete the required form field.
Step 4:	<b>Input Product Owner/Vendor.</b>

	The form field is optional.
<b>Step 5:</b>	<p><b>Select the Dropdown Menu to Choose the Product Type.</b></p> <p>The form field is optional. The Product Types include:</p> <ul style="list-style-type: none"> <li>• Custom developed web page</li> <li>• COTS</li> <li>• Customization of COTS product</li> <li>• GOTS application</li> <li>• Software</li> <li>• Other</li> </ul>
<b>Step 6:</b>	<p><b>Input the Location.</b></p> <p>The form field is optional.</p>
<b>Step 7:</b>	<p><b>Input the Product Description.</b></p> <p>Complete the required form field.</p>
<b>Step 8:</b>	<p><b>Input Notes for the Product.</b></p> <p>This form field is optional. Example: Summary of defects identified as global issues, questions about the application defects, embedded non-accessible documents (e.g., .PDF, MS Word), etc.</p>

3.3 Test Environment Section

**Test Environment details are not mandatory.** However, Trusted Testers are encouraged to the complete this section, as desired.

Test Environment

Select to hide Test Environment section

Browser Compatibility View:

Browser

Type	Version
<input type="checkbox"/> Internet Explorer	Version: <div></div>
<input type="checkbox"/> Edge	Version: <div></div>
<input type="checkbox"/> Chrome	Version: <div></div>
<input type="checkbox"/> Safari	Version: <div></div>
<input type="checkbox"/> Firefox	Version: <div></div>
<input type="checkbox"/> Other Browser	

Operating System

☐ Window OS: Version:

☐ MAC OS: Version:

☐ Other Operating System

Figure 13: Create Report Page – Test Environment Section

Step #	Instructional Details
Step 1:	<b>Select the Show/Hide Test Environment Section Button</b>  Expand the form fields to reveal all or collapse to hide.
Step 2:	<b>Select the Dropdown Menu to Choose Browser Compatibility View</b>  The options allow users to Turn On and Turn Off the Compatibility View.
Step 3:	<b>Choose the Browser Type and Version</b>  Complete the form fields to describe the default browser and version.
Step 4:	<b>Choose the Operating System and Version</b>  Complete the form fields to describe the operating system.

3.4 Tester Information Section (Required Fields)

Complete the required form fields as indicated by a red asterisk to include: Tester’s First Names, Tester’s Last Name and Tester’s Email. Other fields are completed as desired.

Testing Information

Hide Testing Information section

\* Company Name (Required, 100 chars max):

Company Name

\* Tester’s First Name (Required, 50 chars max):

\* Tester’s Last Name (Required, 50 chars max):

Trusted Tester ID (50 chars max):

\* Tester’s Email (Required, 50 chars max):

Testing Scope (1000 chars max):

Testing Method: Trusted Tester

Version v.5

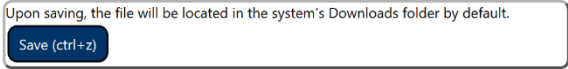
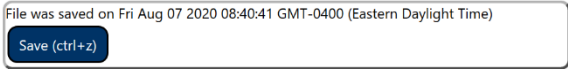
Figure 14: Create Report Page – Test Information Section

Step #	Instructional Details
Step 1:	<b>Select the Show Testing Information Section Button</b> Expand the form fields to reveal all or collapse to hide.
Step 2:	<b>Input Company Name</b> Complete the required form field.
Step 2:	<b>Input the Tester’s First Name</b> Complete the required form field.
Step 3:	<b>Input Tester’s Last Name</b> Complete the required form field.
Step 4:	<b>Input Trusted Tester ID</b> This form field is optional. Trusted Testers are encouraged to provide their certification number.

<b>Step 5:</b>	<b>Input Tester's Email Address</b>  Complete the required form field. You have the option to use a government or a private email address.
<b>Step 6:</b>	<b>Input Testing Scope</b>  This form field is optional. Test scope is only a description or list of what was tested, e.g. list of pages, or what functions, etc. were tested.
<b>Step 7:</b>	<b>Verify Testing Method and Version</b>  Once the JSON file is load, the testing method and version is read-only.

### 3.5 Save Template File

Once all required fields are completed, you have the option to save the file with entered data as a custom template for later use or use existing test results by continuing to the Test Results form to enter data and create a report.

Step #	Instructional Details
<b>Step 1:</b>   <p><b>Figure 15: Save Button for New Test Results Form</b></p>  <p><b>Figure 16: Save Button for Existing Test Results Form</b></p>	<b>Save Template and/or Test Results</b>  <ol style="list-style-type: none"> <li>1. Upon saving the new JSON file, the file will be located in the system's Downloads folder by default.</li> <li>2. The existing JSON file will include the date saved or previously saved date. Files are located in the system's Downloads folder by default.</li> </ol> <p>Note: You can select the shortcut key <b>CTRL + Z</b> to Save file.</p>



# Section 4:

## Enter Test Results

### Tool Tips:

- ✓ Required fields must be completed before saving the form.
- ✓ Each results row has a **1000-character limit** for **Tester's Comments** for failed test conditions. Once you reach the character limit, no more characters can be entered.
- ✓ Each time you save results, a new JSON file is created.
- ✓ Unsaved data will be lost if you refresh your screen or close the form without saving it.
- ✓ Each time files are saved, you have the option to save to computer's Downloads folder or specified location of choice.

### 4.1 Test Results Form – Add Data

Upload the JSON file **first** to access the test results table.

#### Test Results Form

##### Tool Tips:

1. Upload a JSON template file first to access the test results table.
2. If needed, open a copy of the [Trusted Tester Test Process](#).
3. Report will be marked as Draft until results are entered for each test.
4. Trusted Testers should coordinate with their IT Project Manager regarding remediation details. Check user manual section 5.1 for details.

Report will be marked as Draft until results are entered for each test

Test Name	Test ID	Test Condition	Issue Number	Test Result	Browser	Location/Screen	Tester Comments	Screenshot	Global Issue?	Go to Parent/Add Child Issue
Alt-version-conformant	1.A	An alternate version passes all applicable Test Conditions in this test process.	Issue 1	<input type="text"/>	<input type="checkbox"/> Change Browser for this test result.				<input type="text"/>	<a href="#">Add Child Issue</a>
Alt-version-equivalent	1.B	The accessible version is up to date with the same information and functionality.	Issue 2	<input type="text"/>	<input type="checkbox"/> Change Browser for this test result.				<input type="text"/>	<a href="#">Add Child Issue</a>
Alt-version-access	1.C	The mechanism to reach the accessible equivalent version from the non-conforming page is accessible.	Issue 3	<input type="text"/>	<input type="checkbox"/> Change Browser for this test result.				<input type="text"/>	<a href="#">Add Child Issue</a>
Alt-version-nc-access	1.D	The non-conforming version(s) can only be reached from conforming content.	Issue 4	<input type="text"/>	<input type="checkbox"/> Change Browser for this test result.				<input type="text"/>	<a href="#">Add Child Issue</a>

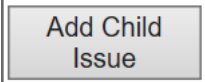
Figure 17: Test Results Form

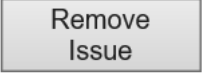

Step #	Instructional Details
Step 1:	<p><b>The Test Results Form Displays.</b></p> <p>The form is visible only after a <b>valid</b> JSON file is loaded.</p>
Step 2:	<p><b>Enter the Test Results.</b></p> <p>The fields correspond to the Test Name, Test ID, and Test Condition and include:</p> <ul style="list-style-type: none"> <li>• Issue Number</li> <li>• Test Result</li> <li>• Browser</li> <li>• Location/Screen</li> <li>• Tester Comments</li> <li>• Global Issue?</li> <li>• Remediation Details</li> <li>• Date (MM/DD/YYYY)</li> </ul> <p><b>Note:</b> The Report will be marked as Draft after save until results are entered for each test.</p>
Step 3:	<p><b>Select ‘Test Result’ dropdown for Test ID.</b></p> <p>The results for the DHS Trusted Tester Section 508 Conformance Test Process can be <b>Does Not Apply</b>, <b>PASS</b>, <b>FAIL</b>, and <b>NOT TESTED</b>.</p>
Step 4:	<p><b>Select ‘Change Browser for this test result’ checkbox, if applicable.</b></p> <p>Once opened, select the browser and version number if the browser used for this test result is different than the one selected in the Test Environment section.</p>
Step 5:	<p><b>Add the Location/Screen.</b></p> <p>Include all details needed to locate defect on the web page.</p> <p>Examples:</p> <ol style="list-style-type: none"> <li>1. <a href="#">Conforming Reporting Good Examples</a></li> <li>2. <a href="https://www.dhs.gov/">https://www.dhs.gov/</a></li> <li>3. Lesson 1: Keyboard Access &gt; How to Test &gt; Bullet 1</li> </ol>
Step 6:	<p><b>Add Tester Comments.</b></p> <p>The tester comments should be clear and concise.</p>

<b>Step 7:</b>	<b>Add Screenshot.</b>  Select the Browser button to load a screenshot of the defect.  <b>Note:</b> The Browser Image button is visible <b>only</b> after selecting the corresponding test result.
<b>Step 8:</b>	<b>Select Global Issue? Dropdown Menu.</b>  Choose the dropdown menu and select Yes or No to determine if this is a global issue.
<b>Step 9:</b>	<b>Determine If Remediation Details Are Needed.</b>  Refer to Section 5: Remediation Details for more information.
<b>Step 10:</b>	<b>Select Go to Parent/Add Child Issue, if Applicable.</b>  The Child issue is a separate issue added that is associated to the same Test ID. Refer to 4.2 Test Results Form – Add Child Issue for more information.
<b>Step 11:</b>	<b>Save Template and/or Continue to View Report Page.</b>  Upon saving, the file will be in the system's Downloads folder by default.

## 4.2 Test Results Form – Add Child Issue

Add multiple issues for a Test ID by creating child issues.

<b>Step #</b>	<b>Instructional Details</b>
<b>Step 1:</b>    <i>Figure 18: Add Child Issue Button</i>	<b>Select the ‘Add Child Issue’ Button to Add New Issue Associated to Test ID.</b>  After the first issue is added for a Test ID, the Add Child Issue button allows you to add a new row for the same issue at the bottom of the page (e.g., Issue #17.1, #17.2, etc.).  Note: The Test Result must be selected <b><u>first</u></b> before adding a new one.
<b>Step 2:</b>	<b>Select ‘Go to Child Issue’ to jump to the first child issue.</b>  The Child Issue will be added at the end of the form.  Note: New issues added will have an asterisk associated (e.g., *1.4.2-Audio-control).

<p><b>Step 3:</b></p>  <p><i>Figure 19: Remove Child Issue Button</i></p>	<p><b>Add Child Issue Details to Complete the Test Results.</b></p> <p>Note: Do not select ‘Remove issue’ button unless you want to remove newly added child issue.</p>
<p><b>Step 4:</b></p>  <p><i>Figure 20: Go to Parent Issue Button</i></p>	<p><b>Select ‘Go To Parent Issue’ button located at the end of row.</b></p> <p>Return to the first issue recorded for the appropriate Test ID to add additional child issues and/or add new test results to the form.</p>

## Section 5:

### Remediation Details

#### Tool Tips:

- ✓ ACMS will auto-generate notification with ticket number regarding request requiring remediation.
- ✓ Report remediation details for all test results that fail.
- ✓ Trusted Testers should coordinate with their IT Project Manager regarding remediation details.

#### 5.1 Add Remediation

Any accessibility issues that are not addressed before production release should be tracked within the test results generated using the ACRT and prioritized within the product backlog.

Step #	Instructional Details
Step 1:	<b>From Create Report Page Browse to Test Results File</b>  Select the JSON file associated with the desired application test results and load file.
Step 2:  <input type="checkbox"/> <b>Show Remediation Detail</b>  <i>Figure 21: Show Remediation Details Checkbox</i>	Select the <b>Show Remediation Detail</b> Checkbox  Determine if remediation details are needed for test results
Step 3:	<b>Two Columns are Added to the JSON Report, Remediation Details and Date.</b> <ul style="list-style-type: none"><li>• Remediation details should include the process taken to remedy the accessibility issues identified for the test result.</li><li>• Remediation Date provides the calendar date the accessibility issues were remedied and finalized.</li></ul>
Step 4:	<b>Navigate to the Remediation Details Column and Select the Add Remediation Details Check Box for Each Failed Test Condition to Document the Planned or Remediated Fix</b> <ul style="list-style-type: none"><li>• The ticket numbers and expected release number should be included in the remediation details.</li></ul>

	<ul style="list-style-type: none"> <li>If you are relying upon Commercial off-the-shelf (COTS) products, please coordinate with the commercial vendor and create issue tickets for remediation purposes.</li> </ul>
<b>Step 5:</b>	<p><b>Indicate the Planned or Fix Release Date in the Remediation Date Column</b></p> <p>Provide an estimated or final release date.</p>
<b>Step 6:</b>	<p><b>Select "Submit 508 Test Results" on the OAST Homepage in ACMS 2.0</b></p> <p>Generate an updated JSON and HTML test report and re-attach the test results to the original ICT Review.</p> <p><b>Note:</b> Refer to ACMS 2.0 instructions on how to upload test results. This option is only available to Trusted Testers with DHS government email accounts.</p>

# Section 6:

## View Final Report

**Tool Tips:**

- ✓ Input all required test results to view a draft or final report in HTML format.
- ✓ At least one valid test result must be included to view complete report.
- ✓ To save printer friendly HTML report, use ctrl+z or Save button is located at the bottom of page.
- ✓ A draft report in HTML format is generated if not all test results have been entered.
- ✓ Please keep both JSON & HTML files for future reference.
- ✓ Test Results denoted as 'Undefined' are form fields where no selections have been made.
- ✓ View Report page is 'Read-Only'.
- ✓ Final Report not only includes each defect detail, but also the Disability Impact and Other Test Results for Hardware Test and Document Test, as applicable.

### 6.1 Finalize and Accessibility Conformance Report

Once all test results are confirmed, generate a draft or final report.

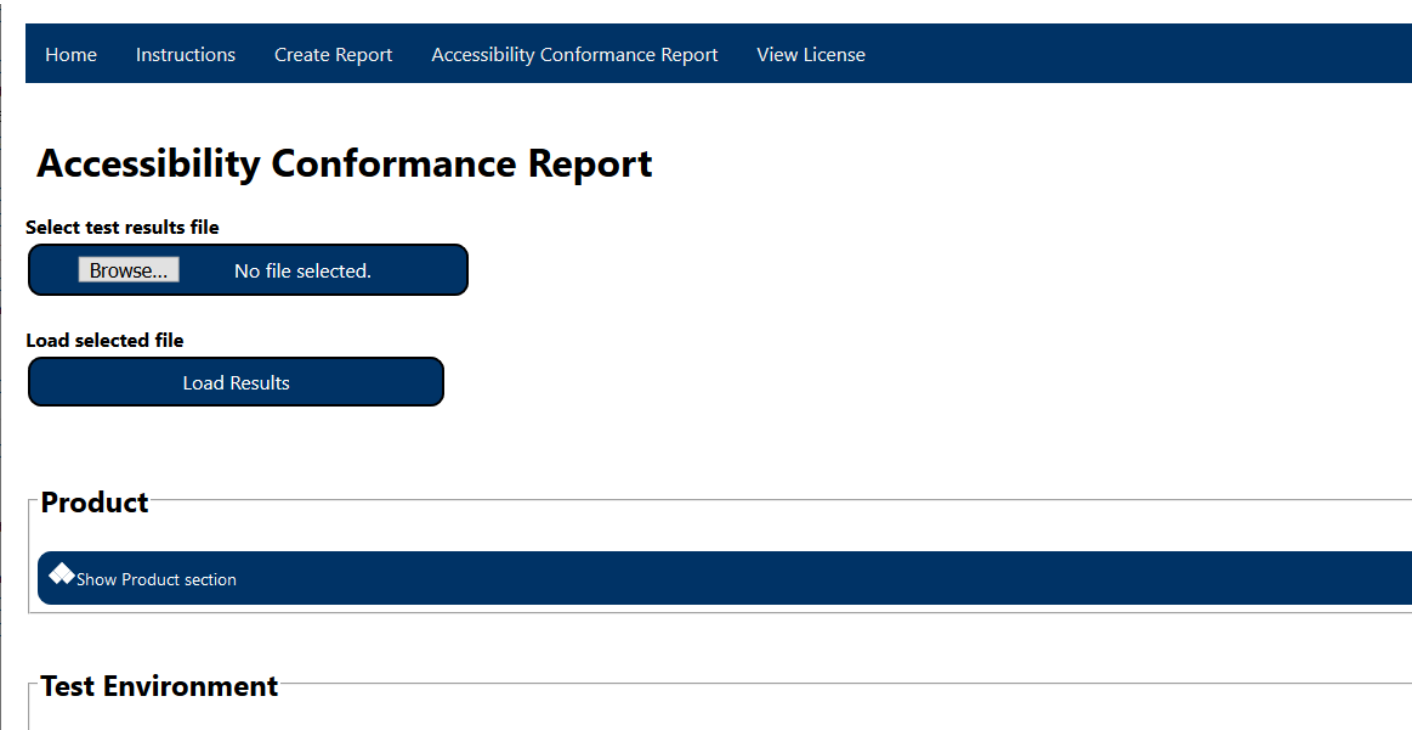


Figure 22: View Test Report

Step #	Instructional Details
Step 1:	<b>Select View Report from the ACRT Home Page</b>  View Report page will open.
Step 2:	<b>Select the Browse Button to Locate Test Results File</b>  Open the JSON file stored on your computer, then load selected file.
Step 3:	<b>Select the “View All Test Results” Checkbox</b>  The test results will load at the bottom of the page. To hide, unchecked the test results checkbox.
Step 5:	<b>Select Other Results Section, As Applicable</b>  Expand the other results for hardware and document test results, as applicable.
Step 6:	<b>Select the “Save as HTML (ctrl +z)” button to generate a printer-friendly HTML version of the report</b>  The ACRT Test Report is saved in the system's Downloads folder by default (unless otherwise specified). Please keep both JSON & HTML files for future reference.
Step 7:	<b>Open a Final Version of the ACRT Test Report</b>  Select the “Print this page” button to print the final version of the Test Report or convert the HTML report to PDF, if needed. If you have the option, you may also save the HTML report a PDF file. (See Printer Options for more information.)



# Section 7:

## References

### Appendix A – File Types for ACRT Source Files

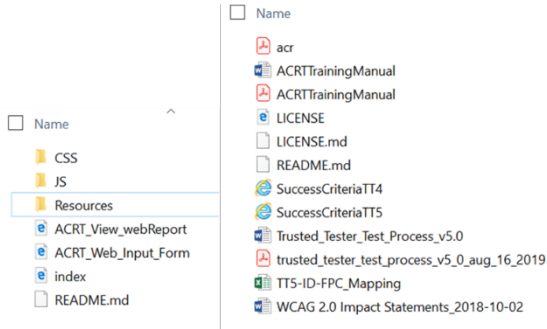


Figure A. 1: File Types for ACRT

File Name Type	File Purpose
About.html	Describes ACRT overview
ACRTTrainingManual.docx	Detailed instructions on how to use this tool
ACRTTrainingManual.pdf	Detailed instructions on how to use this tool
ACRT_View_webReport.html	Used to view test results
ACRT_Web_Input_Form.html	Used to create test results
CSS	
Help.html	Provides all instructions on how to use ACRT
Index.html	Landing page for this tool
JS	
LICENSE.html	ACRT license in html format
LICENSE.md	ACRT license in text format
README.md	Provides overview on how to use this tool
SuccessCriteriaTT4	JSON file needed for users to enter test results.
SuccessCriteriaTT5	JSON file needed for users to enter test results.
Trusted_Tester_Test_Process_v5.0.docx	Details of Section 508 test process
trusted_tester_test_process_v5_0_aug_16_2019.pdf	Details of Section 508 test process
TT5-ID-FPC_Mapping.xlsx	Disability mapping reference document
WCAG 2.0 Impact Statements.docx	Describes type of disabilities and groups impacted
Acr.pdf	Accessibility Conformance Report

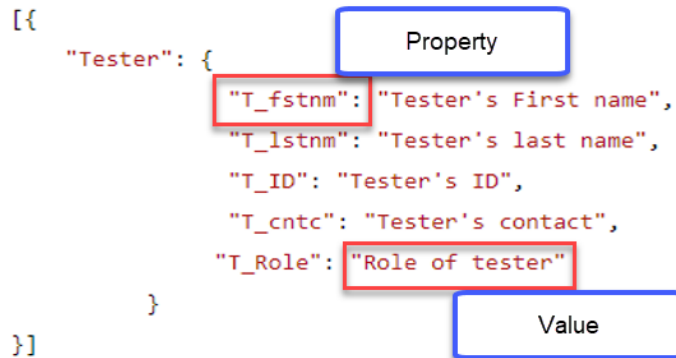
Table A. 2: File Types for ACRT Descriptions

## Appendix B – Advanced User Support

### Introduction to JSON

Text data can be used to exchange data between browser-based applications. JavaScript Object Notation (JSON) is a standard text-based format representing structured data based on JavaScript object syntax. ACRT uses the JSON file to populate Baseline elements. Although the tool is available to anyone, it is recommended that Trusted Testers ensure test results captured are valid. Users can modify the JSON files to create their own test results template. Most commonly it is used to transmit data in web applications (e.g., sending data from ACRT to display Application Test Results in HTML format on a web page).

### JSON File Structure



*Figure B. 1: Sample JSON file with property and value attribute highlighted*

Test conditions can be modified in the local JSON file based on different user's needs. Overall, the content in the tool is dynamically generated based on information fed from the JSON file.

### How to Manipulate the JSON File

1. Open a 'SuccessCriteria.JSON' file.
2. Go to the section of JSON file you want to modify.

```
[{
  "Tester": {
    "T_fstnm": " ",
    "T_lstnm": " ",
    "T_ID": " ",
    "T_cntc": " ",
    "T_Role": " "
  }
},
```

*Figure B. 2: Sample of Tester section of JSON file*

3. Only update the values (" ") for different properties. **DO NOT** modify the property name.
4. Copy and modify or delete sections as needed.

## How to Update Test Conditions

If you follow test processes other than Trusted Tester, you can change test conditions in the 'successcriteria.json' file as needed by updating the values for properties.



*Figure B. 3: Sample JSON file highlighting Criteria ID property to replace 2.2.2 test condition value*

In the above example, the test condition can be replaced by a test condition or process you are using for the Criteria ID property.

## Updating Dropdown Menu Option

Different test conditions have different dropdown menu options. Please use this reference to update "OptMenu1" property accordingly.

**menu1:** 'Does Not Apply' & 'Not Tested'.

**menu2:** 'Pass', 'Fail' & 'Does Not Apply'.

**menu3:** 'Pass' & 'Does Not Apply'.

**menu4:** 'Does Not Apply'.

**menu5:** 'Pass' & 'Fail'.