# APIBoost Accessibility Conformance Report

# **Revised Section 508 Edition**

(Based on VPAT<sup>®</sup> Version 2.4)

## Name of Product/Version: APIBoost v2.0.0

Report Date: April 7, 2021

Report Version: 1.0.0

Product Description: Drupal base API Documentation Portal

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**Notes:** This VPAT expands on the VPAT for the Drupal CMS that is used at the core of the product. The Drupal VPAT can be found at

https://accessibility.civicactions.com/VPAT/Drupal9Accessi bilityConformanceReport.html.

**Evaluation Methods Used:** Testing is based on general product knowledge.

# **Applicable Standards/Guidelines**

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes) Level AA (Yes) Level AAA (Yes)
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	(Yes)

### Terms

The terms used in the Conformance Level information are defined as follows:

• **Supports**: The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.

• **Partially Supports**: Some functionality of the product does not meet the criterion.

**Does Not Support**: The majority of product functionality does not meet the criterion.

Not Applicable: The criterion is not relevant to the product.

• **Not Evaluated**: The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

## WCAG 2.0 Report

Tables 1 and 2 also document conformance with Revised Section 508:

- Chapter 5 501.1 Scope, 504.2 Content Creation or Editing
- Chapter 6 602.3 Electronic Support Documentation

Note: When reporting on conformance with the WCAG 2.0 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the <u>WCAG 2.0 Conformance Requirements</u>.

#### Table 1: Success Criteria, Level A

Notes: This evaluation is only for the web based APIBoost application and related integrated documentation. As such, the entries for "Electronic Docs", "Software", and "Authoring Tool" have been removed from this document.

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content       (Level A)         Also applies to:       Revised Section 508         • 501 (Web)(Software)       504.2 (Authoring Tool)         • 602.3 (Support Docs)	Web: Supports Electronic Docs: Software: Authoring Tool:	Web: The CMS provides input fields for entering alternative text on all non-text content. Electronic Docs: Software: Authoring Tool:
1.2.1 Audio-only and Video-only         (Prerecorded)         (Level A)         Also applies to:         Revised Section 508         • 501 (Web)(Software)         • 504.2 (Authoring Tool)         • 602.3 (Support Docs)	Web: Supports Electronic Docs: Software: Authoring Tool:	Web: Transcripts can be added on page or via a link through the CMS's content editing capabilities when embedding audio and/or video. Electronic Docs: Software: Authoring Tool:
1.2.2 Captions (Prerecorded) (Level A)Also applies to:Revised Section 508• 501 (Web)(Software)• 504.2 (Authoring Tool)• 602.3 (Support Docs)	Web: Supports Electronic Docs: Software: Authoring Tool:	Web: Open (always visible) captions can be included in the media that is embedded on the site. Electronic Docs:

		Software: Authoring Tool:
1.2.3 Audio Description or Media         Alternative (Prerecorded)         Also applies to:         Revised Section 508         • 501 (Web)(Software)         • 504.2 (Authoring Tool)         • 602.3 (Support Docs)	Web: Supports Electronic Docs: Software: Authoring Tool:	Web: Media descriptions can be added on page or via a link through the CMS's content editing capabilities when embedding audio and/or video. Electronic Docs: Software: Authoring Tool:
1.3.1 Info and Relationships(Level A)Also applies to: Revised Section 508501 (Web)(Software) <tr< td=""><td>Web: Partially supports Electronic Docs: Software: Authoring Tool:</br></td><td>Web: ARIA and role tags are included on major regions such as headers, but not all regions have it defined. Electronic Docs: Software: Authoring Tool:</td></tr<>	Web: Partially supports Electronic Docs: 	Web: ARIA and role tags are included on major regions such as headers, but not all regions have it defined. Electronic Docs: Software: Authoring Tool:
1.3.2 Meaningful Sequence       (Level A)         Also applies to:       Revised Section 508         • 501 (Web)(Software)       504.2 (Authoring Tool)         • 602.3 (Support Docs)	Web: Does not support. Electronic Docs: Software: Authoring Tool:	Web: Most of the platform content is not sequence sensitive. However, some API documentation may be, but is missing the appropriate tagging. This is on the roadmap for addition. Electronic Docs: Software: Authoring Tool:
1.3.3 Sensory Characteristics       (Level         A)       Also applies to:         Revised Section 508       501 (Web)(Software)         504.2 (Authoring Tool)       602.3 (Support Docs)	Web:Supports Electronic Docs: Software: Authoring Tool:	Web: There is minimal use of icons on the platform. Where used, additional instructive text can be added via the CMS content editing to specify additional guidance as need. Electronic Docs:

		Software: Authoring Tool:
1.4.1 Use of Color       (Level A)         Also applies to:       Revised Section 508         • 501 (Web)(Software)       504.2 (Authoring Tool)         • 602.3 (Support Docs)	Web: Supports Electronic Docs: Software: Authoring Tool:	<ul> <li>Web: The default platform does not use color to convey information. If a specific instance of the site needs this, additional controls exist within the CMS to provide the necessary textual indicators.</li> <li>Electronic Docs: Software: Authoring Tool:</li> </ul>
1.4.2 Audio Control (Level A)         Also applies to:         Revised Section 508         • 501 (Web)(Software)         • 504.2 (Authoring Tool)         • 602.3 (Support Docs)	Web: Supports Electronic Docs: Software: Authoring Tool:	<ul> <li>Web: Autoplaying audio is not currently used on the platform. Though the CMS does provide options for enabling audio controls on embedded media if the end-user adds it via the CMS content editing system.</li> <li>Electronic Docs: Software: Authoring Tool:</li> </ul>
2.1.1 Keyboard (Level A) Also applies to: Revised Section 508 · 501 (Web)(Software) · 504.2 (Authoring Tool) · 602.3 (Support Docs)	Web: Partially Supports Electronic Docs: Software: Authoring Tool:	<ul> <li>Web: All page elements are keyboard navigable using the Tab key except for 2 menu items in the header drop down menu. This will be resolved in an upcoming release.</li> <li>No jump keyboard shortcuts exist.</li> <li>Electronic Docs: Software: Authoring Tool:</li> </ul>

2.1.2 No Keyboard Trap(Level A)Also applies to:Revised Section 508• 501 (Web)(Software)• 504.2 (Authoring Tool)• 602.3 (Support Docs)	Web: Supports Electronic Docs: Software: Authoring Tool:	Web: All content is keyboard accessible and all dialogs can be exited via keyboard button presses. Electronic Docs: Software: Authoring Tool:
2.2.1 Timing Adjustable (Level A) Also applies to: Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Web: Does not support Electronic Docs: Software: Authoring Tool:	Web: At present, the only timing related item on the platform is a session timeout. This is not currently adjustable by the end user. Electronic Docs: Software: Authoring Tool:
2.2.2 Pause, Stop, Hide (Level A) Also applies to: Revised Section 508 · 501 (Web)(Software) · 504.2 (Authoring Tool) · 602.3 (Support Docs)	Web: Not Applicable. Electronic Docs: Software: Authoring Tool:	Web: There is no scrolling, blinking, or auto-updating functionality on the platform. Electronic Docs: Software: Authoring Tool:
2.3.1 Three Flashes or BelowThreshold (Level A)Also applies to:Revised Section 508• 501 (Web)(Software)• 504.2 (Authoring Tool)• 602.3 (Support Docs)	Web: Supports Electronic Docs: Software: Authoring Tool:	Web: There is no flashing content or functionality on the platform. Electronic Docs: Software: Authoring Tool:
2.4.1 Bypass Blocks(Level A)Also applies to: Revised Section 508 	Web: Partially Supports Electronic Docs: Authoring Tool:	Web: Bypass links exist for jumping to the main content area. Bypass links do not currently exist for elements within the content area. Electronic Docs: Authoring Tool:

<ul> <li>602.3 (Support Docs) –</li> <li>Does not apply to non-web docs</li> </ul>		
2.4.2 Page Titled (Level A)         Also applies to:         Revised Section 508         • 501 (Web)(Software)         • 504.2 (Authoring Tool)         • 602.3 (Support Docs)	Web: Supports Electronic Docs: Software: Authoring Tool:	Web: All pages provide page titles. Titles are editable on all pages through the CMS. Electronic Docs: Software: Authoring Tool:
2.4.3 Focus Order       (Level A)         Also applies to:       Revised Section 508         • 501 (Web)(Software)       504.2 (Authoring Tool)         • 602.3 (Support Docs)	Web: Supports Electronic Docs: Software: Authoring Tool:	Web: Related page elements are grouped together to facilitate keyboard navigation. All forms support a logical and intuitive flow for filling out and submitting the forms. Electronic Docs: Software: Authoring Tool:
2.4.4 Link Purpose (In Context) (Level A) Also applies to: Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Web: Supports Electronic Docs: Software: Authoring Tool:	Web: All links clearly indicate their purpose and context. Links within content can be managed through the CMS content editing screens to provide appropriate context. Electronic Docs: Software: Authoring Tool:
3.1.1 Language of Page(Level A)Also applies to: Revised Section 508501 (Web)(Software)	Web: Supports Electronic Docs: Software: Authoring Tool:	Web: The page language is defined as an attribute on the top level <html> tag of every page. Electronic Docs: Software:</html>

		Authoring Tool:
3.2.1 On Focus (Level A) Also applies to: Revised Section 508 · 501 (Web)(Software) · 504.2 (Authoring Tool) · 602.3 (Support Docs)	Web: Supports Electronic Docs: Software: Authoring Tool:	Web: No elements change behavior or context based solely on focus. Electronic Docs: Software: Authoring Tool:
3.2.2 On Input (Level A) Also applies to: Revised Section 508 · 501 (Web)(Software) · 504.2 (Authoring Tool) · 602.3 (Support Docs)	Web: Partially Supports Electronic Docs: Software: Authoring Tool:	<ul> <li>Web: One search/filter field on the site for filtering the list of API products does not provide a submit button and auto-submits after the user has entered some text.</li> <li>Electronic Docs: Software: Authoring Tool:</li> </ul>
3.3.1 Error Identification (Level A) Also applies to: Revised Section 508 · 501 (Web)(Software) · 504.2 (Authoring Tool) · 602.3 (Support Docs)	Web: Supports Electronic Docs: Software: Authoring Tool:	<ul> <li>Web: Javascript based input validation exists on fields which highlights the field with the error and displays a message indicating what the problem is.</li> <li>Electronic Docs: Software: Authoring Tool:</li> </ul>
3.3.2 Labels or Instructions(Level A)Also applies to:Revised Section 508• 501 (Web)(Software)504.2 (Authoring Tool)• 602.3 (Support Docs)	Web: Supports Electronic Docs: Software: Authoring Tool:	Web: All form fields have appropriate labels and/or descriptive text associated with them. Electronic Docs: Software: Authoring Tool:

4.1.1 Parsing       (Level A)         Also applies to:       Revised Section 508         • 501 (Web)(Software)       504.2 (Authoring Tool)         • 602.3 (Support Docs)	Web:Supports Electronic Docs: Software: Authoring Tool:	Web: HTML generation is handled via the CMS using templates that enforce proper HTML structures. User provided content is entered through a WYSIWYG editor that enforcing proper structure. Electronic Docs: Software: Authoring Tool:
4.1.2 Name, Role, Value       (Level A)         Also applies to:       Revised Section 508         • 501 (Web)(Software)       504.2 (Authoring Tool)         • 602.3 (Support Docs)	Web: Supports Electronic Docs: Software: Authoring Tool:	Web: The platform uses standard HTML elements and does not provide/generate custom elements. HTML elements have standard ARIA tags associated with them as needed. Electronic Docs: Software: Authoring Tool:

## Table 2: Success Criteria, Level AA

	Criteria		Conformance Level	Remarks and Explanations
Also appl	ns (Live) (Level AA) ies to: Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	a E S	Veb: Not pplicable Electronic Docs: Software: Suthoring Tool:	Web: Platform doesn't directly support live broadcasts. However, clients choosing to link externally can utilize live captioning tools to meet this criterion.

		Electronic Docs: Software: Authoring Tool:
1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: Revised Section 508 · 501 (Web)(Software) · 504.2 (Authoring Tool) · 602.3 (Support Docs)	Web: Supports Electronic Docs: Software: Authoring Tool:	Web: While the core Drupal platform does not directly support this, audio descriptions may be added to supplement any pre-recorded media posted to this platform. Electronic Docs: Software: Authoring Tool:
<ul> <li>1.4.3 Contrast (Minimum) (Level AA) Also applies to: Revised Section 508 <ul> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul> </li> </ul>	Web: Supports Electronic Docs: Software: Authoring Tool:	Web: Default DPBoost theme meets the minimum contrast ratio criteria. Platform supports color/contrast configuration, but the developer should ensure that any theme adheres to this criteria. Electronic Docs: Software: Authoring Tool:
1.4.4 Resize text       (Level AA)         Also applies to:       Revised Section 508         • 501 (Web)(Software)       504.2 (Authoring Tool)         • 602.3 (Support Docs)	Web: Supports Electronic Docs: Software: Authoring Tool:	Web: The theme uses relative measurements (em units or percentages) for font sizes, which ensures text containers resize when the text resizes. Electronic Docs: Software: Authoring Tool:

1.4.5 Images of Text       (Level AA)         Also applies to:       Revised Section 508         • 501 (Web)(Software)       • 504.2 (Authoring Tool)         • 602.3 (Support Docs)	Web: Supports Electronic Docs: Software: Authoring Tool:	Web: Only essential text (logo) is presented as an image, and the alt tag is used to indicate what the image displays. Electronic Docs: Software: Authoring Tool:
2.4.5 Multiple Ways (Level AA) Also applies to: Revised Section 508 · 501 (Web)(Software) – Does not apply to non-web software · 504.2 (Authoring Tool) · 602.3 (Support Docs) – Does not apply to non-web docs	Web: Supports Electronic Docs: Authoring Tool:	Web: Platform exposes site-wide search capability. Blog posts link to related posts based on category. Electronic Docs: Authoring Tool:
2.4.6 Headings and Labels (Level AA) Also applies to: Revised Section 508 · 501 (Web)(Software) · 504.2 (Authoring Tool) · 602.3 (Support Docs)	Web: Supports Electronic Docs: Software: Authoring Tool:	Web: Headings and labels are meaningful and descriptive. Electronic Docs: Software: Authoring Tool:
2.4.7 Focus Visible (Level AA) Also applies to: Revised Section 508 · 501 (Web)(Software) · 504.2 (Authoring Tool) · 602.3 (Support Docs)	Web: Supports Electronic Docs: Software: Authoring Tool:	Web: Site-wide search field is highlighted on focus; however, there is no obvious on focus indicator for the Product Catalog search field. Electronic Docs: Software: Authoring Tool:

3.1.2 Language of Parts       (Level AA)         Also applies to:       Revised Section 508         • 501 (Web)(Software)       504.2 (Authoring Tool)         • 602.3 (Support Docs)	Web: Supports Electronic Docs: Software: Authoring Tool:	Web: HTML tag indicating language and orthographic direction is applied. Multilingual sites have language switchers with proper semantics. Electronic Docs: Software: Authoring Tool:
3.2.3 Consistent Navigation       (Level AA)         Also applies to:       Revised Section 508         • 501 (Web)(Software) –       Does not apply to non-web         software       • 504.2 (Authoring Tool)         • 602.3 (Support Docs) –       Does not apply to non-web         docs       • 1000000000000000000000000000000000000	Web: Supports Electronic Docs: Authoring Tool:	Web: Platform's menu structure allows for consistent navigation across the entirety of the site. Electronic Docs: Authoring Tool:
<ul> <li>3.2.4 Consistent Identification (Level AA)</li> <li>Also applies to: Revised Section 508 <ul> <li>501 (Web)(Software) –</li> <li>Does not apply to non-web software</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs) –</li> <li>Does not apply to non-web docs</li> </ul> </li> </ul>	Web: Supports Electronic Docs: Authoring Tool:	Web: Drupal-defined components are identified consistently. API Products are consistently laid out and labelled. Electronic Docs: Authoring Tool:
3.3.3 Error Suggestion       (Level AA)         Also applies to:       Revised Section 508         • 501 (Web)(Software)       504.2 (Authoring Tool)         • 602.3 (Support Docs)	Web: Supported Electronic Docs: Software: Authoring Tool:	Web: Required forms are tagged with aria-required. Drupal Core includes an Inline Form Error module that can be enabled to allow this functionality. Electronic Docs: Software: Authoring Tool:

3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Web: Supports	Web: Concerning user-controlled data, the
Also applies to:	Electronic Docs:	platform supports revisions;
Revised Section 508	Software:	input error checking; and
· 501 (Web)(Software)	Authoring Tool:	reviewing, confirming, and
· 504.2 (Authoring Tool)		correcting information.
· 602.3 (Support Docs)		
		Electronic Docs:
		Software:
		Authoring Tool:

# Table 3: Success Criteria, Level AAA

Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded) (Level AAA) Revised Section 508 – Does not apply	Web: Partially supports	Web: End users can upload and embed media with included sign language representations.
1.2.7 Extended Audio Description (Prerecorded) (Level AAA) Revised Section 508 – Does not apply	Web: Does Not Support	Web: The platform does not support technologies such as SMIL. A work-around is to use embedded always-on closed captions in the embedded video.
1.2.8 Media Alternative (Prerecorded) (Level AAA) Revised Section 508 – Does not apply	Web: Partially Supports	Web: Links to static transcripts or alternative media hosted on a video streaming service can be provided in the content by the site content editors.
1.2.9 Audio-only (Live) (Level AAA) Revised Section 508 – Does not apply	Web: Not Applicable.	Web: The current platform does not support embedded live audio or video. Links to externally hosted live audio

		or video can be embedded in the site content.
1.4.6 Contrast (Enhanced) (Level AAA) Revised Section 508 – Does not apply	Web: Supports	Web: Color and contrast settings are configurable during the platform setup for a client following the client's styleguide and accessibility requirements.
1.4.7 Low or No Background Audio (Level AAA) Revised Section 508 – Does not apply	Web: Supported	Web: It is up to the content editors to provide pre-recorded audio with little or no background audio.
1.4.8 Visual Presentation (Level AAA) Revised Section 508 – Does not apply	Web: Does Not Support	Web: User can use the browser zoom feature to increase text size, but that may result in some scrolling depending on the section of the application.
1.4.9 Images of Text (No Exception) (Level AAA) Revised Section 508 – Does not apply	Web: Partially Supported	Web: All text is formatted using CSS that can be overridden by the user agent. However, overrides may result in scrolling. Controls do not exist within the application itself to modify the presentation of text.
2.1.3 Keyboard (No Exception) (Level AAA) Revised Section 508 – Does not apply	Web: Does Not Support	Web: Most of the site is keyboard accessible. At present, there are some menus that are not. This is on the roadmap for fixing in an upcoming release.
2.2.3 No Timing (Level AAA) Revised Section 508 – Does not apply	Web: Does Not Support	Web: Platform has a non-user adjustable session timeout.
2.2.4 Interruptions (Level AAA)	Web: Not Applicable	Web: Platform does not provide any notifications or

Revised Section 508 – Does not apply		popups that are not the result of a direct user action.
2.2.5 Re-authenticating (Level AAA) Revised Section 508 – Does not apply	Web:Does Not Support	Web: User input must currently be saved by clicking/pressing a save button prior to session expiration.
2.3.2 Three Flashes (Level AAA) Revised Section 508 – Does not apply	Web: Supports	Web: The platform does not include any flashing content or functionality.
2.4.8 Location (Level AAA) Revised Section 508 – Does not apply	Web: Partially Supports	Web: Breadcrumbs exist on the site. However, in cases when multiple paths can lead to the same location, the breadcrumb may not represent the exact path that the user took to the content.
2.4.9 Link Purpose (Link Only) (Level AAA) Revised Section 508 – Does not apply	Web: Does Not Support	Web: Workarounds exist for end-user entered content where they can edit the HTML to provide additional descriptions.
2.4.10 Section Headings (Level AAA) Revised Section 508 – Does not apply	Web: Supports	Web: Site content is managed by the application content editors. The platform supports organizing site content via section headers.
3.1.3 Unusual Words (Level AAA) Revised Section 508 – Does not apply	Web: Not Applicable	Web: Content is provided by site users.
3.1.4 Abbreviations (Level AAA) Revised Section 508 – Does not apply	Web: Not Applicable	Web: Content is provided by site users.
3.1.5 Reading Level (Level AAA) Revised Section 508 – Does not apply	Web: Not Applicable	Web: Content is provided by site users.

3.1.6 Pronunciation (Level AAA) Revised Section 508 – Does not apply	Web: Not Applicable	Web: Content is provided by site users.
3.2.5 Change on Request (Level AAA) Revised Section 508 – Does not apply	Web: Not Applicable	Web: Not Applicable
3.3.5 Help (Level AAA) Revised Section 508 – Does not apply	Web: Partially Supports	Web: Form elements include descriptive labels and additional descriptive text when the label does not provide enough information.
3.3.6 Error Prevention (All) (Level AAA) Revised Section 508 – Does not apply	Web: Supports	Web: Site forms provide input validation with immediate user feedback. Content editors on the site can re-edit submitted content or rollback changes to a previous version of the content.

# **Revised Section 508 Report**

Notes:

## Chapter 3: <u>Functional Performance Criteria</u> (FPC)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Supports	Drupal has been tested with assistive technology tools like JAWS, NVDA, and VoiceOver.

		Note: Proper coding must be used in order for assistive technology to properly read structured tables, labeled frames, and forms.
302.2 With Limited Vision	Supports	Drupal has been tested with browser zoom and ZoomText.
302.3 Without Perception of Color	Supports	Platform's interface has been reviewed for use of color.
302.4 Without Hearing	Not Applicable	
302.5 With Limited Hearing	Not Applicable	
302.6 Without Speech	Not Applicable	
302.7 With Limited Manipulation	Supports	UI has no impact on users with limited manipulation.
302.8 With Limited Reach and Strength	Supports	UI has no impact on users with limited reach and/or strength.
302.9 With Limited Language, Cognitive, and Learning Abilities	Not Applicable	

#### : Hardware

Notes: Drupal is a web application. Hardware accessibility criteria is not applicable.

#### : <u>Software</u>

Notes: Drupal is a web application. Software accessibility criteria is not applicable.

#### : <u>Support Documentation and Services</u>

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell – no response required	Heading cell – no response required
602 Support Documentation	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Supports	Documentation is hosted on Drupal.org which works to support WCAG 2.1 AA compliance.
602.3 Electronic Support Documentation	See WCAG 2.0 section	See information in WCAG 2.0 section
602.4 Alternate Formats for Non-Electronic Support Documentation	Not Applicable	Not Applicable
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Supports	Drupal.org's accessibility features are documented.
603.3 Accommodation of Communication Needs	Not Applicable	Not Applicable

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