Derivita Accessibility Conformance Report

International Edition

(Based on VPAT® Version 2.4Rev)

Name of Product/Version: Derivita

Report Date: August 2023

Product Description:

Derivita is a web-based courseware and assessment platform that makes it easy for educators to create and deliver high-quality activities, assignments, and assessments to their students.

Contact Information: info@derivita.com

Evaluation Methods Used:

Based on general product knowledge, automated testing tools such as WAVE and aXe, and testing using VoiceOver on macOS.

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 Level AA Level AAA
Web Content Accessibility Guidelines 2.1	Level A Level AA Level AAA
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.x Report

Tables 1 and 2 also document conformance with:

- Revised Section 508: Chapter 5 – 501.1 Scope and 504.2 Content Creation or Editing

Note: When reporting on conformance with the WCAG 2.x Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.0 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A) Also applies to: Revised Section 508 • 501 (Web) • 504.2 (Authoring Tool)	Web: Supports Authoring Tool: Supports	Web: Images have alt text provided while icons have aria-labels that describe them. Content authors are responsible for adding alt text to user generated content. Authoring Tool: The tool provides the ability for authors to add alt text to images, but it is the responsibility of the question author to ensure it is added.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web) • 504.2 (Authoring Tool)	Web: Supports Authoring Tool: Supports	Web: There is no video/audio. Authoring Tool: Authors may embed videos from YouTube, but it is the responsibility of the author to provide alternative ways to access the information.
1.2.2 Captions (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web) • 504.2 (Authoring Tool)	Web: Supports Authoring Tool: Supports	Web: There is no video/audio. Authoring Tool: Authors may embed videos from YouTube, but it is the responsibility of the author to ensure captions are present on the video.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web) • 504.2 (Authoring Tool)	Web: Supports Authoring Tool: Supports	Web: There is no video/audio. Authoring Tool: Authors may embed videos from YouTube, but it is the responsibility of the author to provide alternatives.
1.3.1 Info and Relationships (Level A) Also applies to: Revised Section 508 • 501 (Web)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: ARIA landmarks are used as well as semantic HTML to group related elements together, identify required fields, and to call out navigation controls.

Criteria	Conformance Level	Remarks and Explanations
● 504.2 (Authoring Tool)		
1.3.2 Meaningful Sequence (Level A) Also applies to: Revised Section 508 ● 501 (Web) ● 504.2 (Authoring Tool)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: Reading and navigation order is logical, for example heading levels are presented in the proper order.
1.3.3 Sensory Characteristics (Level A) Also applies to: Revised Section 508 ● 501 (Web) ● 504.2 (Authoring Tool)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: Operation does not rely on sensory characteristics like shape, size, visual location, orientation, or sound.
1.4.1 Use of Color (Level A) Also applies to: Revised Section 508 ● 501 (Web) ● 504.2 (Authoring Tool)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: Information is not conveyed by color alone. An icon, text, or other indicator is used in conjunction with color.
1.4.2 Audio Control (Level A) Also applies to: Revised Section 508 ● 501 (Web) ● 504.2 (Authoring Tool)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: There is no audio.
2.1.1 Keyboard (Level A) Also applies to: Revised Section 508 ● 501 (Web) ● 504.2 (Authoring Tool)	Web: Partially Supports Authoring Tool: Partially Supports	Web: Most functionality is accessible through the use of the keyboard. Graphical question inputs such as graphs, may not be keyboard accessible, teachers are expected to use alternate, but equivalent assessment as needed. Authoring Tool: Most functionality in the authoring tool is accessible through the keyboard. Custom scripts added by the author are the responsibility of the author. Graphing inputs are also not keyboard accessible.
2.1.2 No Keyboard Trap (Level A) Also applies to: Revised Section 508	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: Focus can be moved away from every component to which it can move.

Criteria	Conformance Level	Remarks and Explanations
• 501 (Web) • 504.2 (Authoring Tool)		
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: There are no single character shortcuts used in the system.
2.2.1 Timing Adjustable (Level A) Revised Section 508 • 501 (Web) • 504.2 (Authoring Tool)	Web: Supports Authoring Tool: Supports	Web: Timed assignments may be enforced by the teacher, users requiring extra time should be accommodated by the teacher. Authoring Tool: There is no timing.
2.2.2 Pause, Stop, Hide (Level A) Also applies to: Revised Section 508 • 501 (Web) • 504.2 (Authoring Tool)	Web: Supports Authoring Tool: Supports	Web: Timed assignments are available and when in use auto-update; however, they are considered essential to the task. There are no moving or scrolling elements that start automatically. Authoring Tool: There is no timing.
2.3.1 Three Flashes or Below Threshold (Level A) Also applies to: Revised Section 508 • 501 (Web) • 504.2 (Authoring Tool)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: There is no flashing.
2.4.1 Bypass Blocks (Level A) Also applies to: Revised Section 508 • 501 (Web) • 504.2 (Authoring Tool)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: ARIA landmarks are present for most areas allowing users to quickly navigate via assistive technology.
2.4.2 Page Titled (Level A) Also applies to: Revised Section 508 • 501 (Web) • 504.2 (Authoring Tool)	Web: Supports Authoring Tool:Supports	Web/Authoring Tool: The tool is a single page application and provides a title.
2.4.3 Focus Order (Level A) Also applies to: Revised Section 508	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: Focus order preserves meaning and operability of the page.

Criteria	Conformance Level	Remarks and Explanations
● 501 (Web) ● 504.2 (Authoring Tool)		
2.4.4 Link Purpose (In Context) (Level A) Also applies to: Revised Section 508 ● 501 (Web) ● 504.2 (Authoring Tool)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: Link purpose is defined by context and the text content of the link.
2.5.1 Pointer Gestures (Level A 2.1 only)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: There are no path based gestures.
2.5.2 Pointer Cancellation (Level A 2.1 only)	Web: Supports Authoring Tool: Partially Supports	Web: All pointer events occur on the up event rather than down events allowing users to cancel the click. Authoring Tool: Navigating to different books activates on down events and does not support cancellation.
2.5.3 Label in Name (Level A 2.1 only)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: Visible labels are present in the accessible name of components.
2.5.4 Motion Actuation (Level A 2.1 only)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: There is no motion required for the application.
3.1.1 Language of Page (Level A) Also applies to: Revised Section 508 ● 501 (Web) ● 504.2 (Authoring Tool)	Web: Supports Authoring Tool:Supports	Web/Authoring Tool: The language attribute is present and set to `en` on HTML pages.
3.2.1 On Focus (Level A) Also applies to: Revised Section 508 ● 501 (Web) ● 504.2 (Authoring Tool)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: Focus does not change the context
3.2.2 On Input (Level A) Also applies to:	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: Inputs do not change contexts without warning.

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 • 501 (Web) • 504.2 (Authoring Tool)		
3.3.1 Error Identification (Level A) Also applies to: Revised Section 508 • 501 (Web) • 504.2 (Authoring Tool)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: Errors in inputs are identified to the user
3.3.2 Labels or Instructions (Level A) Also applies to: Revised Section 508 • 501 (Web) • 504.2 (Authoring Tool)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: User inputs are labeled. Content generated by authors has the ability to be labeled and is the responsibility of the author to label it.
4.1.1 Parsing (Level A) Revised Section 508 • 501 (Web) • 504.2 (Authoring Tool)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: HTML is complete and parseable
4.1.2 Name, Role, Value (Level A) Also applies to: Revised Section 508 • 501 (Web) • 504.2 (Authoring Tool)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: State, properties, and values can be determined for all forms elements, links, and components.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA) Also applies to: Revised Section 508	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: There is no live audio/video

Criteria	Conformance Level	Remarks and Explanations
• 501 (Web) • 504.2 (Authoring Tool)		
1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: Revised Section 508 • 501 (Web) • 504.2 (Authoring Tool)	Web: Supports Authoring Tool: Supports	Web: There is no audio/video Authoring Tool: Authors may embed videos from YouTube, but it is the responsibility of the author to ensure alternative accessible content is available.
1.3.4 Orientation (Level AA 2.1 only)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: The system operates in both landscape and portrait orientations.
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: Input fields have the proper autocomplete value when autocompletion is acceptable.
1.4.3 Contrast (Minimum) (Level AA) Also applies to: Revised Section 508 • 501 (Web) • 504.2 (Authoring Tool)	Web: Partially Supports Authoring Tool: Partially Supports	Web/Authoring Tool: Contrast is at least 4.5:1 for text or 3:1 for large text in almost all contexts.
1.4.4 Resize text (Level AA) Also applies to: Revised Section 508 • 501 (Web) • 504.2 (Authoring Tool)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: There is no loss of functionality with resizing text up to 200%.
1.4.5 Images of Text (Level AA) Also applies to: Revised Section 508 • 501 (Web) • 504.2 (Authoring Tool)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: Text is used rather than images in all cases where the use of an image is essential, such as the Derivita logo.
1.4.10 Reflow (Level AA 2.1 only)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: Content only scrolls in one direction at a given time, except where necessary such as data tables.

Criteria	Conformance Level	Remarks and Explanations
1.4.11 Non-text Contrast (Level AA 2.1 only)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: Non-text user interface components have 4.5:1 contrast with surrounding objects as well as within themselves.
1.4.12 Text Spacing (Level AA 2.1 only)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: The text spacing can be modified as 1.4.12 states without loss of functionality.
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Web: Partially Supports Authoring Tool: Partially Supports	Web/Authoring Tool: Modals and other similar popups can be dismissed by pressing ESC, however tooltips must be dismissed by moving focus or pointer focus.

2.4.5 Multiple Ways (Level AA)
Also applies to:
Revised Section 508
   ● 501 (Web)
   ● 504.2 (Authoring Tool)
	Web: Supports
	Authoring Tool: Supports
		Web/Authoring Tool: There are multiple ways to get to each part of the application either using navigation links or through the use of navigation buttons.

2.4.6 Headings and Labels (Level AA)
Also applies to:
Revised Section 508
   ● 501 (Web)
   ● 504.2 (Authoring Tool)
	Web: Supports
	Authoring Tool: Supports
		Web/Authoring Tool: Headings and labels used provide meaningful information.

2.4.7 Focus Visible (Level AA)
Also applies to:
Revised Section 508
   ● 501 (Web)
   ● 504.2 (Authoring Tool)
	Web: Supports
	Authoring Tool: Supports
		Web/Authoring Tool: Keyboard focus is visible throughout the application.

3.1.2 Language of Parts (Level AA)
Also applies to:
Revised Section 508
   ● 501 (Web)
   ● 504.2 (Authoring Tool)
	Web: Supports
	Authoring Tool: Supports
		Web/Authoring Tool: Language is programmatically available through the application in English.

3.2.3 Consistent Navigation (Level AA) Also applies to: Revised Section 508	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: Navigation icons and labels used through the application represent the same functionality on each page.

Criteria	Conformance Level	Remarks and Explanations
● 501 (Web) ● 504.2 (Authoring Tool)		
3.2.4 Consistent Identification (Level AA) Also applies to: Revised Section 508 ● 501 (Web) ● 504.2 (Authoring Tool)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: Icons and labels used through the application represent the same functionality on each page.
3.3.3 Error Suggestion (Level AA) Also applies to: Revised Section 508 ● 501 (Web) ● 504.2 (Authoring Tool)	Web: Does Not Support Authoring Tool: Does Not Support	Web/Authoring Tool: Inputs indicate errors, but do not make suggestions for corrections. Generated content may provide feedback that suggestions corrections, but it is up to the author to create that mechanism.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA) Also applies to: Revised Section 508 ● 501 (Web) ● 504.2 (Authoring Tool)	Web: Supports Authoring Tool: Supports	Web: Exams when given to students provide a way to review answers prior to submission. Authoring Tool: There is no legal, financial, or high stakes data that is used in the Authoring tool.
4.1.3 Status Messages (Level AA 2.1 only)	Web: Supports Authoring Tool: Supports	Web/Authoring Tool: Status updates and messages conveyed via aria-live containers announcing updates without requiring focus changes.

Table 3: Success Criteria, Level AAA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded) (Level AAA)	Web: Supports	Web: There is no audio/video.
1.2.7 Extended Audio Description (Prerecorded) (Level AAA)	Web: Supports	Web: There is no audio/vidoe.
1.2.8 Media Alternative (Prerecorded) (Level AAA)	Web: Supports	Web: There is no audio/video.
1.2.9 Audio-only (Live) (Level AAA)	Web: Supports	Web: There is no audio/video.

Criteria	Conformance Level	Remarks and Explanations
1.3.6 Identify Purpose (Level AAA 2.1 only)	Web: Does Not Support	Web: We do not support replacing icons or hiding content to view it in a different manner.
1.4.6 Contrast (Enhanced) (Level AAA)	Web: Does Not Support	Web: We do not meet the 7:1 contrast ratio throughout the application
1.4.7 Low or No Background Audio (Level AAA)	Web: Supports	Web: There is no background audio
1.4.8 Visual Presentation (Level AAA)	Web: Partially Supports	Web: User background and foreground colors are not user controllable. Paragraph spacing is not always 1.5em.
1.4.9 Images of Text (No Exception) (Level AAA)	Web: Supports	Web: Text is used rather than images in all cases where the use of an image is essential, such as the Derivita logo.
2.1.3 Keyboard (No Exception) (Level AAA)	Web: Does Not Support	Web: Most functionality is accessible through the use of the keyboard. Graphical question inputs such as graphs are not, teachers are expected to use alternate, but equivalent assessment as needed.
2.2.3 No Timing (Level AAA)	Web: Supports	Web: Timed assignments may be enforced by the teacher, users requiring extra time should be accommodated by the teacher. We consider this to be essential functionality to the application.
2.2.4 Interruptions (Level AAA)	Web: Supports	Web: Interruptions to the user can be stopped and dismissed as needed
2.2.5 Re-authenticating (Level AAA)	Web: Supports	Web: When an authenticated session expires, the user can continue the activity without loss of data after re-authenticating.
2.2.6 Timeouts (Level AAA 2.1 only)	Web: Supports	Web: There are no periods of inactivity that cause data loss.
2.3.2 Three Flashes (Level AAA)	Web: Supports	Web: There are no flashes.
2.3.3 Animation from Interactions (Level AAA 2.1 only)	Web: Supports	Web: There are no interactions that cause animations, content generated by authors is the responsibility of the author.
2.4.8 Location (Level AAA)	Web: Partially Supports	Web: In many, but not all cases, landmarks are present that allow the user to understand the location and how they got there.

Criteria	Conformance Level	Remarks and Explanations
2.4.9 Link Purpose (Link Only) (Level AAA)	Web: Supports	Web: Link purpose can be determined from the link text
2.4.10 Section Headings (Level AAA)	Web: Partially Supports	Web: Some, but not all, sections have headers
2.5.5 Target Size (Level AAA 2.1 only)	Web: Partially Supports	Web: Many pointer targets are at least 44x44 pixels, but not all of them.
2.5.6 Concurrent Input Mechanisms (Level AAA 2.1 only)	Web: Supports	Web: The application can be used by multiple input methods and can be changed between them without issue.
3.1.3 Unusual Words (Level AAA)	Web: Supports	Web: No jargon or unusual words are used
3.1.4 Abbreviations (Level AAA)	Web: Partially Supports	Web: Some abbreviations are used without providing expanded forms, for example sin and cos in trigonometry terms.
3.1.5 Reading Level (Level AAA)	Web: Does Not Support	Web: Due to the nature of the product, some words and functionality are higher than lower secondary education level
3.1.6 Pronunciation (Level AAA)	Web: Does Not Support	Web: No glossary or link to pronunciations provided
3.2.5 Change on Request (Level AAA)	Web: Supports	Web: All changes of context are initiated by the user.
3.3.5 Help (Level AAA)	Web: Partially Supports	Web: While complex portions of the application give information to assist users, not all areas provide help.
3.3.6 Error Prevention (All) (Level AAA)	Web: Supports	Web: All actions are reversible, checked, and confirmed

Revised Section 508 Report

Notes:

Chapter 3: [Functional Performance Criteria](#) (FPC)

Notes:

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Supports	Derivita is designed to work well with common screen readers such as JAWS, NVDA, and VoiceOver.
302.2 With Limited Vision	Supports	Derivita supports magnification as well as browser zoom functionality
302.3 Without Perception of Color	Supports	Perception of color is not required
302.4 Without Hearing	Supports	Sound is not used.
302.5 With Limited Hearing	Supports	Sound is not used.
302.6 Without Speech	Not Applicable	Derivita does not require speech for operation
302.7 With Limited Manipulation	Supports	Derivita does not require fine motor control or simultaneous actions
302.8 With Limited Reach and Strength	Supports	Derivita is operable by someone with limited reach and limited strength.
302.9 With Limited Language, Cognitive, and Learning Abilities	Supports	Derita provides an easy-to-use interface for users with cognitive or learning disabilities.

Chapter 4: [Hardware](#)

Notes: This section does not apply as Derivita is not a hardware product.

Chapter 5: [Software](#)

Notes: This section does not apply as Derivita is a web product.

Chapter 6: [Support Documentation and Services](#)

Notes: Derivita support documentation and services have not been evaluated.

Legal Disclaimer (Company)

The information herein is provided in good faith based on Derivita's evaluation at a point in time and does not represent a legally-binding claim. Please contact us to report any accessibility errors or conformance claim errors for re-evaluation and correction, if necessary.