Autodesk Accessibility Conformance Report Revised Section 508 Edition

(Based on VPAT® Version 2.5)

Name of Product/Version: Dynamo

Report Date: April 2024

Product Description: Dynamo is designed and built to be the most intuitive, powerful, and stable programming platform for people who design, engineer, and fabricate our world. Core to the Dynamo experience is the ability to share tools and benefit from the tools created by others. In its design and implementation Dynamo strives to engage users at every level of programming ability.

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Notes: N/A

Evaluation Methods Used: Testing based on 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 (No)
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 only be used in WCAG Level AAA criteria.

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 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)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Authoring Tool: Partially Supports	Authoring Tool: Most non-text content has a text alternative, either on hover interaction, or in surrounding text, and increases with each release.
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)	Authoring Tool: Partially Supports	Authoring Tool: There is no prerecorded audio. Prerecorded videos are presented as GIFs in interactive guides with alternative text explanation
1.2.2 Captions (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Authoring Tool: Not Applicable	Authoring Tool: There is no prerecorded audio content
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Authoring Tool: Not Applicable	Authoring Tool: There is no prerecorded audio content
1.3.1 Info and Relationships (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool)	Authoring Tool: Partially Supports	Authoring Tool: Most dialogs do not use visual cues to relate information, relying primarily on text. However, relationships are typically supported through programmatic means, allowing the use of keyboard operations and windows access keys.

Criteria	Conformance Level	Remarks and Explanations
602.3 (Support Docs)		
1.3.2 Meaningful Sequence (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Authoring Tool: Supports	Authoring Tool: Nodal content is connected sequentially by wires and typically reads left to right. Users can explore associations via these wired connections and their relationship to created Geometry, if any, by turning on or off Geometry Preview or using associated geometry labels. Other UI content is in a linear format progressing from top to bottom.
1.3.3 Sensory Characteristics (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Authoring Tool: Partially Supports	Authoring Tool: With few minor exceptions, Dynamo has mostly text-based instructions inside the user interface and feature set. Majority of buttons, controls, and objects have tooltips to assist the user.
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)	Authoring Tool: Partially Supports	Authoring Tool: Color is used in some instances to demarcate state such as selection, which has been ran through color blindness tests. Most instances will also have a textual hover interaction to indicate what the color state refers to, but has a few exceptions.
1.4.2 Audio Control (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Authoring Tool: Not Applicable	Authoring Tool: There is no audio content in Dynamo
2.1.1 Keyboard (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Authoring Tool: Partially Supports	Authoring Tool: Base Windows access keys are supported almost entirely. No in-canvas nodal actions are operable through a keyboard interface.

Criteria	Conformance Level	Remarks and Explanations
2.1.2 No Keyboard Trap (Level A)		
Also applies to:		
Revised Section 508	Authoring Tool: Not	Authoring Tool: No in-canvas actions are operable
• 501 (Web)(Software)	Applicable	through a keyboard interface.
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs)		
2.2.1 Timing Adjustable (Level A)		
Also applies to:		
Revised Section 508	Authoring Tool: Not	Authoring Tool: There are no time limits in Dynamo.
• 501 (Web)(Software)	Applicable	Authorning roof. There are no time limits in Dynamo.
 504.2 (Authoring Tool) 		
• 602.3 (Support Docs)		
2.2.2 Pause, Stop, Hide (Level A)		
Also applies to:		Authoring Tool: There is no moving or blinking
Revised Section 508	Authoring Tool: Partially	information. All scrolling and auto-updating of content is
• 501 (Web)(Software)	Supports	user driven, either through scrollbars in the UI or via an
• 504.2 (Authoring Tool)		execution even after running Dynamo.
• 602.3 (Support Docs)		
2.3.1 Three Flashes or Below Threshold (Level A)		
Also applies to:		
Revised Section 508	Authoring Tool: Not	Authoring Tool: Dynamo does not have any flashing
• 501 (Web)(Software)	Applicable	content.
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs)		
2.4.1 Bypass Blocks (Level A)		
Also applies to:		Authoring Tool: All navigation, content and windows are
Revised Section 508	Authoring Tool: Supports	user driven, staying on the canvas space as a common
• 501 (Web)(Software) – Does not apply to non-web software	Authorning Tool. Supports	anchor.
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs) – Does not apply to non-web docs		
2.4.2 Page Titled (Level A)		Authoring Tool: All embedded static web pages are
Also applies to:	Authoring Tool: Supports	titled
Revised Section 508		litica

Criteria	Conformance Level	Remarks and Explanations
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
 602.3 (Support Docs) 		
2.4.3 Focus Order (Level A)	İ	
Also applies to:		Authoring Tool: All embedded static web pages are
Revised Section 508	Authoring Tools Composite	singular and do not have sequential navigation.
 501 (Web)(Software) 	Authoring Tool: Supports	Hyperlinks to external resources within help documentation increment sequentially in a predictable
 504.2 (Authoring Tool) 		manner.
 602.3 (Support Docs) 		manner.
2.4.4 Link Purpose (In Context) (Level A)		
Also applies to:		Authoring Tools Any links residing in Dynama are
Revised Section 508	Authoring Tool: Supports	Authoring Tool: Any links residing in Dynamo are context applicable and their purpose can be derived
• 501 (Web)(Software)	Authornig roof, supports	from the link text alone, or adjacent text.
 504.2 (Authoring Tool) 		inom the link text alone, or adjacent text.
• 602.3 (Support Docs)		
3.1.1 Language of Page (Level A)		
Also applies to:		
Revised Section 508	Authoring Tool: Not	Authoring Tool: Dynamo is localized into 13 languages
501 (Web)(Software)	Applicable	and set at install via our host products.
 504.2 (Authoring Tool) 		
• 602.3 (Support Docs)		
3.2.1 On Focus (Level A)		
Also applies to:		Authoring Tool: Beyond hover interactions (Tooltips)
Revised Section 508	Authoring Tool: Supports	and visual affordance (Outlines and color change) there
501 (Web)(Software)	Authornig Tool. Supports	is no change of context initiated by any component.
 504.2 (Authoring Tool) 		is no change of context initiated by any component.
602.3 (Support Docs)		
3.2.2 On Input (Level A)		
Also applies to:		
Revised Section 508	Authoring Tool: Partially	Authoring Tool: Changing settings inside the Preferences
 501 (Web)(Software) 	Supports	Panel automatically applies back to the Dynamo session,
 504.2 (Authoring Tool) 		as per the accompanying message.
602.3 (Support Docs)		

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Criteria	Conformance Level	Remarks and Explanations
3.3.1 Error Identification (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Authoring Tool: Supports	Authoring Tool: All nodal and UI interactions that fail, resulting in an error are expressed to the end-user in text.
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)	Authoring Tool: Supports	Authoring Tool: Tooltips on hover and surrounding context text provide instructions to users.
4.1.1 Parsing (Level A) Also applies to: WCAG 2.0 – Always answer 'Supports' Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	For WCAG 2.0 and the 508 standards, the September 2023 errata update indicates this criterion is always supported. See the WCAG 2.0 Editorial Errata.
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)	Authoring Tool: Partially Supports	Authoring Tool: Using the Dynamo API a user could parse the full program if they wanted to, but this would be beyond our average users skillset.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Authoring Tool: Not	Authoring Tool: There is no live audio content in

Criteria	Conformance Level	Remarks and Explanations
Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Applicable	Dynamo.
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)	Authoring Tool: Partially Supports	Authoring Tool: Prerecorded videos are presented as GIFs in interactive guides with alternative text explanation
1.4.3 Contrast (Minimum) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Authoring Tool: Partially Supports	Authoring Tool: Most visual presentation of text and images of text has a contrast ratio that meets the Level AA standard with very few exceptions that will be improved
1.4.4 Resize text (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Authoring Tool: Partially Supports	Authoring Tool: Node font size can be modified in the Preference Panel
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)	Authoring Tool: Supports	Authoring Tool: Image of text is not presented in Dynamo except for the essential logotypes of the product.
2.4.5 Multiple Ways (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) – Does not apply to non-web softw	Authoring Tool: Partially Supports vare	Authoring Tool: Dynamo nodes can be searched in the library and in-canvas; Home page has links to all kinds of resources which can also be accessed through the menu; Extensions such as the Graph Node Manager can

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Criteria	Conformance Level	Remarks and Explanations
504.2 (Authoring Tool)		be launched from different places.
 602.3 (Support Docs) – Does not apply to non-web docs 		
2.4.6 Headings and Labels (Level AA)		
Also applies to:		
Revised Section 508	Authoring Tool: Supports	Authoring Tool: Headings and labels in Dynamo are
501 (Web)(Software)	Authorning Tool. Supports	descriptive.
 504.2 (Authoring Tool) 		
602.3 (Support Docs)		
2.4.7 Focus Visible (Level AA)		
Also applies to:		
Revised Section 508	Authoring Tool: Supports	Authoring Tool: Visual affordance including outlines,
• 501 (Web)(Software)	Authorning Tool: Supports	color changes, and color bars are used for focused state
• 504.2 (Authoring Tool)		
602.3 (Support Docs)		
3.1.2 Language of Parts (Level AA)		
Also applies to:		
Revised Section 508	Authoring Tool: Not	Authoring Tool: Content in Dynamo is localized into 13
• 501 (Web)(Software)	Applicable	languages and set at install via our host products.
• 504.2 (Authoring Tool)		
602.3 (Support Docs)		
3.2.3 Consistent Navigation (Level AA)		
Also applies to:		Authoring Tool: Navigation controls remain at the same
Revised Section 508	Authoring Tool: Supports	location through different UI components and same relative order each time they appear.
• 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 		
, ,,		
3.2.4 Consistent Identification (Level AA) Also applies to:		
Revised Section 508	Authoring Tool: Supports	Authoring Tool: Icons and checkmarks represent the
501 (Web)(Software) – Does not apply to non-web software		same functionalities throughout Dynamo.
• 504.2 (Authoring Tool)		same functionalities tilloughout byllamo.
602.3 (Support Docs) – Does not apply to non-web docs		
- 002.3 (Support Docs) Docs not apply to non-web docs	<u> </u>	<u> </u>

Criteria	Conformance Level	Remarks and Explanations
3.3.3 Error Suggestion (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Authoring Tool: Supports	Authoring Tool: Error and detailed information will occur when input doesn't match the criteria, suggestions will also be provided on nodes for what type of inputs are compatible.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Authoring Tool: Partially Supports	Authoring Tool: Confirmation will be asked when users try to download a package or open a file from an untrusted location.

Table 3: Success Criteria, Level AAA

Notes: N/A

Revised Section 508 Report

Notes:

Chapter 3: Functional Performance Criteria (FPC)

Notes:

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Authoring Tool: Not Applicable	
302.2 With Limited Vision	Authoring Tool: Not Applicable	
302.3 Without Perception of Color	Authoring Tool: Partially Supports	Color indications are usually associated with text to help with perceiving.
302.4 Without Hearing	Authoring Tool: Supports	No audible material is presented in Dynamo.
302.5 With Limited Hearing	Authoring Tool: Supports	No audible material is presented in Dynamo.
302.6 Without Speech	Authoring Tool: Supports	No speaking is needed in Dynamo.
302.7 With Limited Manipulation	Authoring Tool: Not Applicable	Wire interactions require precise manual operations.
302.8 With Limited Reach and Strength	Authoring Tool: Not Applicable	Wire interactions require precise manual operations.
302.9 With Limited Language, Cognitive, and Learning Abilities	Authoring Tool: Partially Supports	Tooltips, help content and links, graphics are provided to help with understanding

Chapter 4: Hardware

Notes: N/A

Chapter 5: Software

Notes:

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See WCAG 2.x section	See information in WCAG 2.x section
502 Interoperability with Assistive Technology	Heading cell – no response required	Heading cell – no response required
502.2.1 User Control of Accessibility Features	Authoring Tool: Not Applicable	No specific accessibility tooling has been introduced into Dynamo.
502.2.2 No Disruption of Accessibility Features	Authoring Tool: Not Applicable	No specific accessibility tooling has been introduced into Dynamo.
502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Authoring Tool: Supports	Dynamo nodes, properties, and names can be set programmatically.
502.3.2 Modification of Object Information	Authoring Tool: Supports	Properties can be set by the user programmatically.
502.3.3 Row, Column, and Headers	Authoring Tool: Supports	Python node's and package details' rows and columns can be programmatically determinable.
502.3.4 Values	Authoring Tool: Supports	Values can be programmatically determinable.
502.3.5 Modification of Values	Authoring Tool: Supports	Values can be programmatically determinable.
502.3.6 Label Relationships	Authoring Tool: Partially Supports	Traversing Dynamo's MVVM code base should allow user to understand relationships. Note: Many API's are marked as Internal.
502.3.7 Hierarchical Relationships	Authoring Tool: Partially Supports	Traversing Dynamo's MVVM code base should allow user to understand relationships. Note: Many API's are marked as Internal.
502.3.8 Text	Authoring Tool: Supports	Text can be programmatically determinable.
502.3.9 Modification of Text	Authoring Tool: Partially Supports	Dynamo's API contains both Public and

Criteria	Conformance Level	Remarks and Explanations
		Internal features, with a subset
		supportable for modification.
502.3.10 List of Actions	Authoring Tool: Supports	Traversing the Dynamo Public API is
		programmatically determinable.
502.3.11 Actions on Objects	Authoring Tool: Partially Supports	Dynamo's API contains both Public and
		Internal features, with a subset
		supportable for modification.
502.3.12 Focus Cursor	Authoring Tool: Partially Supports	Cursor location should be
		programmatically determinable.
502.3.13 Modification of Focus Cursor	Authoring Tool: Partially Supports	Cursor location should be
		programmatically determinable.
502.3.14 Event Notification	Authoring Tool: Partially Supports	Notification will be displayed to the user
502.3.14 Event Notification		and tooling is able to be monitored via API
	Authoring Tool: Not Applicable	Dynamo has no specific platform
502.4 Platform Accessibility Features		accessibility features beyond base
		Windows feature support.
503 Applications	Heading cell – no response required	Heading cell – no response required
EO2 2 Usor Profesences	Authoring Tool: Partially Supports	Users can modify some of the visual
503.2 User Preferences		settings in the Preferences Panel.
FO2 2 Alternative User Interferes	Authoring Tool: Not Applicable	No alternative user interfaces provided in
503.3 Alternative User Interfaces		Dynamo.
503.4 User Controls for Captions and Audio Description	Heading cell – no response required	Heading cell – no response required
503.4.1 Caption Controls	Authoring Tool: Not Applicable	No audio presented in Dynamo.
503.4.2 Audio Description Controls	Authoring Tool: Not Applicable	No audio presented in Dynamo.
504 Authoring Tools	Heading cell – no response required	Heading cell – no response required
504.2 Content Creation or Editing (if not authoring tool, enter "not		See information in WCAG 2.x section
applicable")	See WCAG 2.x section	
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Authoring Tool: Partially Supports	Dynamo graphs can be saved in multiple
		formats and some of the content can be
		exported to multiple formats.
504.2.2 PDF Export	Authoring Tool: Partially Supports	Dynamo graphs can be exported as a pdf
		with a specific node.

Criteria	Conformance Level	Remarks and Explanations
504.3 Prompts	Alithoring Looi, Not Applicable	Currently no prompts for authors are provided in Dynamo.
504.4 Templates	Authoring Tool: Partially Supports	Templates are not shipped out-of-the-box, but supported by Dynamo

Chapter 6: Support Documentation and Services

Notes:

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	Authoring Tool: Partially Supports	Accessibility features such as keyboard shortcuts are documented.
602.3 Electronic Support Documentation	See WCAG 2.x section	See information in WCAG 2.x section
602.4 Alternate Formats for Non-Electronic Support Documentation	Authoring Tool: Not Applicable	No non-electronic documentation available.
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Authoring Tool: Partially Supports	Accessibility features such as keyboard shortcuts are documented, and support is available.
603.3 Accommodation of Communication Needs	Authoring Tool: Supports	Support is available through multiple ways.

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