Voluntary Product Accessibility Template (VPAT)

Name of Product/Version: Wolfram System Modeler
Report Date: June 17, 2024

Summary

This VPAT represents an assessment of how System Modeler conforms to the Revised 508 standards for IT accessibility. The document is frequently requested by clients, especially in higher education and government, and is posted publicly on the company website, where it can be accessed by all interested parties.

Document Information

Document Name	Voluntary Product Accessibility Template, System Modeler	Document No.	W-002
Document Owner	Compliance Specialist	Version No.	3
Date of Issue	June 17, 2024	Date of Original Issue	June 29, 2022
Next Review Date	December 2025	Revision Frequency	Every 18 months or as needed

Contents

Introduction

Product Description:
System Modeler is software for the modeling and simulation of dynamic systems. As such, it can be used to simulate and analyze existing models, as well as allows you to create your own models. It has a joint authoring tool and software, together referred to as Software in this document. The documentation is available in product as well as online and is referred to as Electronic Docs.

Contact Information: **compliance@wolfram.com**
Evaluation Methods Used: Manual testing and verification.

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 be used only in WCAG 2.0 Level AAA.

Table 1: Success Criteria, Level A

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Software: Supports Electronic Docs: Partially Supports	Electronic Docs: Images have alt texts.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Software: Supports Electronic Docs: Not Applicable	Software: Included videos have captions.
1.2.2 Captions (Prerecorded) (Level A)	Software: Supports Electronic Docs: Not Applicable	Software: Included videos have captions.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Software: Not applicable Electronic Docs: Not Applicable	Interface does not rely on recorded media.
1.3.1 Info and Relationships (Level A)	Software: Supports Electronic Docs: Not Applicable	
1.3.2 Meaningful Sequence (Level A)	Software: Supports Electronic Docs: Supports	
1.3.3 Sensory Characteristics (Level A)	Software: Supports Electronic Docs: Not Applicable	Software: Text alternative always available. Authoring Tool: Relationships are all communicated via text.
1.4.1 Use of Color (Level A)	Software: Supports Electronic Docs: Not Evaluated	Authoring Tool: Color is only used to reinforce meaning. Electronic Docs: Color contrasts were not evaluated everywhere.
1.4.2 Audio Control (Level A)	Software: Partially Supports Electronic Docs: Not Applicable	
2.1.1 Keyboard (Level A)	Software: Supports Electronic Docs: Supports	Can be navigated using standard shortcuts. Software: Minor parts of the software require mouse to operate.
2.1.2 No Keyboard Trap (Level A)	Software: Supports Electronic Docs: Supports	
2.2.1 Timing Adjustable (Level A)	Software: Partially Supports Electronic Docs: Not Applicable	Software: Popups, such as tooltips, have a fixed time limit.

Criteria	Conformance Level	Remarks and Explanations
2.2.2 Pause, Stop, Hide (Level A)	Software: Supports Electronic Docs: Not Applicable	
2.3.1 Three Flashes or Below Threshold (Level A)	Software: Supports Electronic Docs: Supports	
2.4.1 Bypass Blocks (Level A)	Software: Supports Electronic Docs: Supports	
2.4.2 Page Titled (Level A)	Software: Supports Electronic Docs: Supports	
2.4.3 Focus Order (Level A)	Software: Supports Electronic Docs: Supports	
2.4.4 Link Purpose (In Context) (Level A)	Software: Supports Electronic Docs: Supports	
3.1.1 Language of Page (Level A)	Software: Supports Electronic Docs: Supports	
3.2.1 On Focus (Level A)	Software: Supports Electronic Docs: Supports	
3.2.2 On Input (Level A)	Software: Supports Electronic Docs: Supports	
3.3.1 Error Identification (Level A)	Software: Partially Supports Electronic Docs: Not Applicable	Software: Whenever possible, the software tries to identify the source of the error.
3.3.2 Labels or Instructions (Level A)	Software: Supports Electronic Docs: Supports	
4.1.1 Parsing (Level A)	Software: Not Applicable Electronic Docs: Supports	
4.1.2 Name, Role, Value (Level A)	Software: Not Applicable Electronic Docs: Supports	

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Software: Not Applicable Electronic Docs: Not Applicable	
1.2.5 Audio Description (Prerecorded) (Level AA)	Software: Not Applicable Electronic Docs: Supports	Electronic Docs: Supports using CC.
1.4.3 Contrast (Minimum) (Level AA)	Software: Supports Electronic Docs: Supports	Software respects the operating system settings.
1.4.4 Resize text (Level AA)	Software: Supports Electronic Docs: Supports	Most text changed by OS settings; others can be changed in the software.
1.4.5 Images of Text (Level AA)	Software: Supports Electronic Docs: Partially Supports	
2.4.5 Multiple Ways (Level AA)	Software: Not Applicable Electronic Docs: Supports	
2.4.6 Headings and Labels (Level AA)	Software: Supports Electronic Docs: Supports	
2.4.7 Focus Visible (Level AA)	Software: Supports Electronic Docs: Supports	
3.1.2 Language of Parts (Level AA)	Software: Does Not Support Electronic Docs: Does Not Support	
3.2.3 Consistent Navigation (Level AA)	Software: Not Applicable Electronic Docs: Supports	
3.2.4 Consistent Identification (Level AA)	Software: Not Applicable Electronic Docs: Supports	
3.3.3 Error Suggestion (Level AA)	Software: Partially Supports Electronic Docs: Not Applicable	Software: Whenever possible, the software tries to give suggestions to solve the error.

Criteria	Conformance Level	Remarks and Explanations
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Software: Supports Electronic Docs: Not Applicable	

Revised Section 508 Report

Chapter 3: Functional Performance Criteria (FPC)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Does Not Support	
302.2 With Limited Vision	Supports	Visual elements can be enlarged with standard magnification tools.
302.3 Without Perception of Color	Partially Supports	A minor part of the software, the equation browser, requires perception of color.
302.4 Without Hearing	Does Not Apply	
302.5 With Limited Hearing	Does Not Apply	
302.6 Without Speech	Does Not Apply	
302.7 With Limited Manipulation	Supports	
302.8 With Limited Reach and Strength	Supports	
302.9 With Limited Language, Cognitive, and Learning Abilities	Does Not Apply	

Chapter 5: Software

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See WCAG 2.0 section	See information in WCAG 2.0 section.
502 Interoperability with Assistive Technology		
502.2.1 User Control of Accessibility Features	Supports	
502.2.2 No Disruption of Accessibility Features	Supports	
502.3 Accessibility Services		
502.3.1 Object Information	Partially Supports	Supported in all key components of the software.
502.3.2 Modification of Object Information	Partially Supports	Supported in all key components of the software.
502.3.3 Row, Column, and Headers	Partially Supports	Supported in all key components of the software.
502.3.4 Values	Partially Supports	Supported in all key components of the software.
502.3.5 Modification of Values	Partially Supports	Supported in all key components of the software.
502.3.6 Label Relationships	Partially Supports	Supported in all key components of the software.
502.3.7 Hierarchical Relationships	Partially Supports	Supported in all key components of the software.
502.3.8 Text	Partially Supports	Supported in all key components of the software.
502.3.9 Modification of Text	Partially Supports	Supported in all key components of the software.
502.3.10 List of Actions	Partially Supports	Supported in all key components of the software.
502.3.11 Actions on Objects	Partially Supports	Supported in all key components of the software.
502.3.12 Focus Cursor	Partially Supports	Supported in all key components of the software.

Criteria	Conformance Level	Remarks and Explanations
502.3.13 Modification of Focus Cursor	Partially Supports	Supported in all key components of the software.
502.3.14 Event Notification	Partially Supports	Not all alerts and notifications are compatible with assistive technology.
502.4 Platform Accessibility Features	Partially Supports	
503 Applications		
503.2 User Preferences	Supports	
503.3 Alternative User Interfaces	Does Not Apply	
503.4 User Controls for Captions and Audio Description	Does Not Apply	
503.4.1 Caption Controls	Does Not Apply	
503.4.2 Audio Description Controls	Does Not Apply	
504 Authoring Tools		
504.2 Content Creation or Editing (if not authoring tool, enter "not applicable")	See WCAG 2.0 section	See information in WCAG 2.0 section.
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion		
504.2.2 PDF Export	Does Not Support	Generated PDFs do not automatically conform to ANSI/AIIM/ISO 14289-1:2016 (PDF/UA-1).
504.3 Prompts	Does Not Support	This feature has not been developed.
504.4 Templates	Supports	Templates can be made to conform to WCAG, but the interface is not proactive in ensuring conformance.

Chapter 6: **Support Documentation and Services**

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope		
602 Support Documentation		
602.2 Accessibility and Compatibility Features	Supports	See Wolfram's Accessibility documentation page: https://reference.wolfram.com/language/guide/Accessibility.html
602.3 Electronic Support Documentation	See WCAG 2.0 section	
602.4 Alternate Formats for Non-electronic Support Documentation	Does Not Apply	Non-electronic (paper-based) documentation can be made available.
603 Support Services		
603.2 Information on Accessibility and Compatibility Features	Supports	Our Tech Support team can be reached through multiple channels, not limited to telephone, TTY, or various chat clients.
603.3 Accommodation of Communication Needs	Supports	With prior notification, our Tech Support team will provide communication accommodations as requested.

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