



O'Reilly Media Inc. Accessibility Conformance Report

VPAT® Version 2.3 (revised)

O'Reilly for Android Application

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Name of Product/Version

Name of Product: O'Reilly for Android

Version: 2.18.4

Product Description

O'Reilly for Android is an Android application allowing the user to discover and view O'Reilly online content on a mobile device.

Notes

This Voluntary Product Accessibility Template (VPAT) provides guidance on the accessibility characteristics of **O'Reilly for Android** as of **November 7, 2019** and is only valid for the version and date it was tested.

Evaluation Methods Used

Assistive technology products used as part of testing included Android 10 accessibility features: TalkBack screen reader, screen magnification, Large Text and High Contrast Text (Experimental). An external keyboard was also used.

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
EN 301 549 Accessibility requirements suitable for public procurement of ICT products and services in Europe, - V2.1.2 (2018-08)	No

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 [WCAG 2.0 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.1.1 Non-text Content</u> (Level A) Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Partially Supports	Some images have alternative text. Some images such as graphical buttons do not have alternative text. Some images in book content do not have alternative text.
<p><u>1.2.1 Audio-only and Video-only (Prerecorded)</u> (Level A) Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Supports	The platform contains some audio books. These books are also available as electronic texts.
<p><u>1.2.2 Captions (Prerecorded)</u> (Level A) Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Does Not Support	The app does not display closed captioning.
<p><u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u> (Level A) Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Partially Supports	<p>For some videos, the information in the video track is already provided in the audio track, so no audio description is necessary.</p> <p>For some videos, not all the information in the video track is provided in the audio track, and no audio description is provided.</p>
<p><u>1.3.1 Info and Relationships</u> (Level A) Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Partially Supports	<p>Book content has headings.</p> <p>The application provides name, role, state and value information to assistive technology for some components.</p> <p>Some components (e.g., buttons, links, menu items) do not provide some required information (e.g., names or role).</p>

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.3.2 Meaningful Sequence</u> (Level A) Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Supports	Correct reading sequences can be programmatically determined.
<p><u>1.3.3 Sensory Characteristics</u> (Level A) Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Supports	Instructions and content do not rely solely on sensory characteristics of components.
<p><u>1.4.1 Use of Color</u> (Level A) Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Supports	Color is not used as the sole means of conveying information.
<p><u>1.4.2 Audio Control</u> (Level A) Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Not Applicable	No videos or audio recordings launch automatically when a page is loaded.
<p><u>2.1.1 Keyboard</u> (Level A) Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Partially Supports	Android devices are intended for touchscreen use. TalkBack screen reader alternative gestures are supported by the app. Android supports the use of external Bluetooth keyboards, the app has limited support for keyboard operability and some things do not work such as opening the menu.
<p><u>2.1.2 No Keyboard Trap</u> (Level A) Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Supports	No keyboard trap.

Criteria	Conformance Level	Remarks and Explanations
<p>2.2.1 Timing Adjustable (Level A)</p> <p>Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Not Applicable	The application does not require a timed response
<p>2.2.2 Pause, Stop, Hide (Level A)</p> <p>Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Not Applicable	Does not contain auto-updating content.
<p>2.3.1 Three Flashes or Below Threshold (Level A)</p> <p>Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Supports	Flashing or blinking does not occur in the prohibited range.
<p>2.4.1 Bypass Blocks (Level A)</p> <p>Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software • 602.3 (Support Docs) – Does not apply to non-web docs 	Not Applicable	This is a native app. The menu can be displayed and hidden.
<p>2.4.2 Page Titled (Level A)</p> <p>Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Supports	This is a native app. It is possible to determine what screen is being displayed.
<p>2.4.3 Focus Order (Level A)</p> <p>Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Supports	Programmatic focus order is usable.

Criteria	Conformance Level	Remarks and Explanations
<p><u>2.4.4 Link Purpose (In Context)</u> (Level A)</p> <p>Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Supports	The purpose of each link can be determined from the link text together with context.
<p><u>3.1.1 Language of Page</u> (Level A)</p> <p>Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Not Applicable	This is a native app and not a web page.
<p><u>3.2.1 On Focus</u> (Level A)</p> <p>Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Supports	Gaining focus on components does not initiate a change of context.
<p><u>3.2.2 On Input</u> (Level A)</p> <p>Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Supports	Input does not cause a disruptive change in context.
<p><u>3.3.1 Error Identification</u> (Level A)</p> <p>Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Supports	Error messages are accessible.
<p><u>3.3.2 Labels or Instructions</u> (Level A)</p> <p>Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Partially Supports	Visible labels are provided in some areas. Some fields, such as for searching, do not have visible labels.

Criteria	Conformance Level	Remarks and Explanations
<p>4.1.1 Parsing (Level A)</p> <p>Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Not Applicable	This is a native application.
<p>4.1.2 Name, Role, Value (Level A)</p> <p>Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Partially Supports	<p>The application provides name, role, state and value information to assistive technology for some components.</p> <p>Some components (e.g., buttons, links, menu items) do not provide some required information (e.g., names or role).</p>

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
<p>1.2.4 Captions (Live) (Level AA)</p> <p>Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Does Not Support	Live presentations do not have a closed captioning option.
<p>1.2.5 Audio Description (Prerecorded) (Level AA)</p> <p>Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Partially Supports	<p>For some videos, the information in the video track is already provided in the audio track, so no audio description is necessary.</p> <p>For some videos, not all the information in the video track is provided in the audio track, and no audio description is provided.</p>

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.4.3 Contrast (Minimum)</u> (Level AA) Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Partially Supports	Minimum contrast ratios are met in some areas. The main menu items do not meet minimum contrast ratios.
<p><u>1.4.4 Resize text</u> (Level AA) Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Supports	Operating system functions for changing text size are supported.
<p><u>1.4.5 Images of Text</u> (Level AA) Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Supports	Images of text may be resized or have alternative text.
<p><u>2.4.5 Multiple Ways</u> (Level AA) Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software • 602.3 (Support Docs) – Does not apply to non-web docs 	Supports	There are multiple ways to navigate to many pages throughout the application; this includes the ability to search.
<p><u>2.4.6 Headings and Labels</u> (Level AA) Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Supports	Headings describe topic or purpose.
<p><u>2.4.7 Focus Visible</u> (Level AA) Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Supports	Android is primarily touchscreen based. Where a physical keyboard operates in the app, visual focus is present.

Criteria	Conformance Level	Remarks and Explanations
<p><u>3.1.2 Language of Parts</u> (Level AA) Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Not Applicable	This is a native app and not a web page.
<p><u>3.2.3 Consistent Navigation</u> (Level AA) Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software • 602.3 (Support Docs) – Does not apply to non-web docs 	Supports	Consistent navigation occurs throughout the application.
<p><u>3.2.4 Consistent Identification</u> (Level AA) Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software • 602.3 (Support Docs) – Does not apply to non-web docs 	Supports	Consistent identification occurs throughout the application.
<p><u>3.3.3 Error Suggestion</u> (Level AA) Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Supports	Required fields notify the user if there is no input. Error messages indicate that fields have an improper input.
<p><u>3.3.4 Error Prevention (Legal, Financial, Data)</u> (Level AA) Also applies to: 2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 602.3 (Support Docs) 	Not Applicable	Legal and financial transactions are not completed in the app.

Table 3: Success Criteria, Level AAA

Notes: Product was not tested to WCAG 2.0 AAA level

Revised Section 508 Report

Chapter 3: Functional Performance Criteria (FPC)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Partially Supports	<p>The application may be navigated with TalkBack screen reader.</p> <p>The application provides name, role, state and value information to assistive technology for some components.</p>
302.2 With Limited Vision	Partially Supports	<p>The application may be navigated with TalkBack screen reader.</p> <p>The application provides name, role, state and value information to assistive technology for some components.</p> <p>The application can be used by users with low visual acuity when combined with screen magnification assistive technology.</p> <p>Minimum contrast ratios are met in some areas of the application but not in the menu.</p>
302.3 Without Perception of Color	Supports	Color coding is not used.
302.4 Without Hearing	Partially Supports	<p>Parts of the application such as reading books does not require user hearing.</p> <p>Hearing is required for videos that don't have closed captioning.</p>

Criteria	Conformance Level	Remarks and Explanations
302.5 With Limited Hearing	Supports	The user can connect assistive technology to the app device (e.g., a tablet) for enhanced audio or additional audio support.
302.6 Without Speech	Supports	Does not require user speech.
302.7 With Limited Manipulation	Partially Supports	The application is partially keyboard operable by external keyboard. The application is compatible with operating system accessibility features.
302.8 With Limited Reach and Strength	Partially Supports	The application is partially keyboard operable by external keyboard. The application is compatible with operating system accessibility features.
302.9 With Limited Language, Cognitive, and Learning Abilities	Supports	

Chapter 4: [Hardware](#)

Notes: This product is not hardware and therefore this section is not applicable to the product.

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 section
502 Interoperability with Assistive Technology	Heading cell – no response required	Heading cell – no response required
502.2.1 User Control of Accessibility Features	Not Applicable	The app is not an operating system (platform software).
502.2.2 No Disruption of Accessibility Features	Supports	The app does not interfere with operating system accessibility features including screen reader.
502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required

Criteria	Conformance Level	Remarks and Explanations
502.3.1 Object Information	Partially Supports	<p>The application provides name, role, state and value information to assistive technology for some components.</p> <p>Some components (e.g., buttons, links, menu items) do not provide some required information (e.g., names or role).</p>
502.3.2 Modification of Object Information	Supports	Assistive technology can operate the user interface.
502.3.3 Row, Column, and Headers	Not Applicable	Data tables are not used.
502.3.4 Values	Supports	Assistive technology can operate the user interface.
502.3.5 Modification of Values	Supports	Assistive technology can operate the user interface.
502.3.6 Label Relationships	Partially Supports	<p>The application provides label information to assistive technology for some components.</p> <p>Some components (e.g., buttons) do not provide accessible name labels.</p>
502.3.7 Hierarchical Relationships	Supports	
502.3.8 Text	Supports	
502.3.9 Modification of Text	Supports	Assistive technology can operate the user interface.
502.3.10 List of Actions	Partially Supports	Some objects such as some links do not provide their roles. Some objects provide their roles and the actions may be programmatically determined.
502.3.11 Actions on Objects	Supports	Assistive technology can operate the user interface.
502.3.12 Focus Cursor	Supports	Edit fields (such as search) are compatible with assistive technology.

Criteria	Conformance Level	Remarks and Explanations
502.3.13 Modification of Focus Cursor	Supports	Edit fields (such as search) are compatible with assistive technology.
502.3.14 Event Notification	Supports	
502.4 Platform Accessibility Features	Partially Supports	Closed captioning is not available for videos. Audio description tracks are not provided where default audio does not describe the visual content. The app is partially operable by external keyboard.
<u>503 Applications</u>	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Supports	Operating system user preferences are supported.
503.3 Alternative User Interfaces	Not Applicable	The application does not provide an alternative user interface and is not assistive technology.
<i>503.4 User Controls for Captions and Audio Description</i>	Heading cell – no response required	Heading cell – no response required
503.4.1 Caption Controls	Does Not Support	Captioning controls are not provided. (App does not provide captioning tracks.)
503.4.2 Audio Description Controls	Does Not Support	Audio description controls are not provided. (App does not provide audio description tracks.)
<u>504 Authoring Tools</u>	Heading cell – no response required	Heading cell – no response required
504.2 Content Creation or Editing (if not authoring tool, enter “not applicable”)	Not Applicable	
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Not Applicable	
504.2.2 PDF Export	Not Applicable	
504.3 Prompts	Not Applicable	
504.4 Templates	Not Applicable	

Chapter 6: Support Documentation and Services

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell – no response required	Heading cell – no response required
<u>602 Support Documentation</u>	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Supports	The documentation is in electronic format and can be converted to other formats.
602.3 Electronic Support Documentation	See WCAG 2.0 section	See information in WCAG section
602.4 Alternate Formats for Non-Electronic Support Documentation	Supports	The documentation is in electronic format and can be converted to other formats.
<u>603 Support Services</u>	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Does not Support	The application does not provide documentation on accessibility and compatibility features.
603.3 Accommodation of Communication Needs	Supports	Support services accommodate end users with disabilities.

Legal Disclaimer (Company)

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