

UiPath StudioX and Activities Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.4)

Name of Product/Version: UiPath StudioX and Activities, Product version 2021.10.

Report Date: 10/29/2021

Product Description: UiPath Studio (software) encapsulates both simple and complex solutions for application integration and automating third-party applications, administrative IT tasks, and business IT processes.

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Notes: Specific user scenarios were tested to ensure critical user paths were included in the VPAT. All application content was not tested, but rather a crucial sampling of content was used for test cases. Functions and critical user paths tested include:

GIT integration> Add to Source Control, Commit Changes modal, Branch and Changes buttons, Arguments Dialog > Use Application/Browser, Save As option in Home Menu, Show Developer filter in Activities and Developer >Auto Fill Range Argument, Text to Left/Right Argument, Mail activities For Each Mail Activity, Excel Activities: Unprotect Sheet, Protect Sheet, Read Range, Remove Duplicate , File/Folder: Rename both, Use Application/browser, OneDrive and Sharepoint activities, PDF activities, Word activities and Presentation activities.

Evaluation Methods Used: New Edition's Test Process for WCAG 2.1 AAA was used (based on Trusted Tester v5, WCAG 2.0 AAA, WCAG 2.1 A-AAA, and Section 508 Web testing). The following testing tools were used on a Windows 10 desktop: Accessibility Insights for Windows v1.1, Color Contrast Analyzer, NVDA v2021, and external keyboard.

Testing was performed by Trusted Testers v5 from New Editions Consulting, Inc.

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)
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes) Level AAA (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

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)	Partially Supports	When using the Start Trial mode, the alert graphic has no accessible name for screen readers users.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not Applicable	
1.2.2 Captions (Prerecorded) (Level A)	Not Applicable	
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not Applicable	
1.3.1 Info and Relationships (Level A)	Partially Supports	<p>There are global issues throughout the application with sufficient information to describe text form field, buttons, combo boxes, etc. A form field’s accessible name needs to include its visible label, "required" (as applicable), relevant instructions and cues, and any associated tooltip information. Below are different examples of failures found throughout the application, including but not limited to:</p> <ul style="list-style-type: none"> • In the “OneDrive & SharePoint” activities. The Text Builder has an incorrect programmatic name of “Value” which does not match the visual label. • In the “Design” email activities, the checkboxes for "Unread mail" and "With attachments" are associated with the label of "Limit emails to first". • In the bottom footer of the “Design” Branch Main and Pending updates buttons, the button name should match the visual label. • On the “6.5 Use OneDrive & SharePoint” activity, the "Choose Account" combo box is required under certain circumstances, but the accessible name does not indicate when it is "required".

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> • Accessible names are missing in the Design Properties for the Edit fields. • Different form fields within each Mail Outlook Activity are missing accessible names. The current output reads the placeholder text, however if the placeholder text is removed, then a user would not know how to successfully fill out the form field. Placeholder text should not be relied on as a substitute to an accessible name. • Multiple interactive elements within the Global Handler activity lack accessible names, such as: the two "pin" buttons, the log level combo box, and the message text field. • Global: Visual headings are not programmatically coded as headings. Note: Due to a software limitation using WPF, programmatic headings cannot be added.
<p>1.3.2 Meaningful Sequence (Level A)</p>	<p>Partially Supports</p>	<p>When using the Start Trial mode, the trial alert (31 day(s) left on your fully functional StudioX before a free account is needed) is not read by Assistive Technology.</p> <p>On the "6.5 Use OneDrive & SharePoint" activity, Assistive Technology reads "unknown" after the Account dropdown box and before the focus appears on the "+" sign in the "Drop Activity Here" detail box.</p> <p>When using a screen reader, there are instances where "sequence" is announced without context or purpose. These objects should be ignored/hidden for Assistive Technology. This issue was noted in for the Drop Activity for each email activity in Design, the Drop Activity of OneDrive & SharePoint and anywhere Arguments are used.</p>

Criteria	Conformance Level	Remarks and Explanations
1.3.3 Sensory Characteristics (Level A)	Supports	
1.4.1 Use of Color (Level A)	Supports	
1.4.2 Audio Control (Level A)	Not Applicable	
2.1.1 Keyboard (Level A)	Partially Supports	<p>On the “6.5 Use OneDrive & SharePoint” activity, the "Choose Account" combo box cannot be accessed nor activated using keyboard only.</p> <p>Several elements within the entire process to Get Browser Data Properties are not keyboard accessible, such as:</p> <ul style="list-style-type: none"> • the "+" button that appears when a mouse user hovers over a text field; • Tooltips that appear when a mouse user hovers over elements. <p>Note: There are a number of keyboard shortcuts for this application to aid in navigation provided on UiPath’s site for keyboard shortcuts. Users should familiarize themselves with the shortcuts available.</p>
2.1.2 No Keyboard Trap (Level A)	Supports	
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Supports	
2.2.1 Timing Adjustable (Level A)	Not Applicable	
2.2.2 Pause, Stop, Hide (Level A)	Not Applicable	
2.3.1 Three Flashes or Below Threshold (Level A)	Not Applicable	
2.4.1 Bypass Blocks (Level A)	Not Applicable	
2.4.2 Page Titled (Level A)	Supports	
2.4.3 Focus Order (Level A)	Partially Supports	<p>The “Then” and “Else” sections of the Global Handler activity are not included in the tab order. After the "Condition" form field, the tab order wraps back up to the top, excluding the Then and Else sections.</p>

Criteria	Conformance Level	Remarks and Explanations
		<p>When new form fields are revealed in Design Activities, focus should move the user to the newly revealed content. For example, when selecting "Add Column" under Excel Activities to Remove Duplicates, focus should move the user to the new "Columns to Compare" form field so a user knows it is there and can interact with it in correct reading order. Instead, focus continues moving through the screen past the Add button and on to the next activity.</p> <p>On the Commit Change modal and What changed modal screens, the focus order does not follow the top to bottom, left to right tab order expected.</p>
2.4.4 Link Purpose (In Context) (Level A)	Supports	
2.5.1 Pointer Gestures (Level A 2.1 only)	Not Applicable	
2.5.2 Pointer Cancellation (Level A 2.1 only)	Supports	

Criteria	Conformance Level	Remarks and Explanations
2.5.3 Label in Name (Level A 2.1 only)	Partially Supports	<p>There are global issues with labels name's inclusion in the accessible name for form fields, checkboxes, combo boxes, buttons, dropdown menus, etc. Below are examples of different failures found throughout the application, including but not limited to:</p> <ul style="list-style-type: none"> On the Design screens, the accessible name/description do not match their label in the menus on the bottom footer of the application for Add to source control, Folder name, and Orchestrator connection button In the "OneDrive & SharePoint" activities, the Text Builder has an incorrect programmatic name of "Value" rather than "File to Upload" in Step 6.4 for Upload File and "New name, Optional" for step 6.5. A number of form fields throughout Excel, Mail, OneDrive and SharePoint activities, use placeholder text of "Select a value" as the form field name. For example, in the Design text form field labels for Folder, File and New Name, the names should be "Folder required", "File required", "New Name Required".
2.5.4 Motion Actuation (Level A 2.1 only)	Not Applicable	
3.1.1 Language of Page (Level A)	Supports	
3.2.1 On Focus (Level A)	Supports	
3.2.2 On Input (Level A)	Supports	
3.3.1 Error Identification (Level A)	Supports	
3.3.2 Labels or Instructions (Level A)	Supports	
4.1.1 Parsing (Level A)	Supports	

Criteria	Conformance Level	Remarks and Explanations
4.1.2 Name, Role, Value (Level A)	Partially Supports	In the “OneDrive & SharePoint” All activities, users are not made aware of error message programmatically to alert users of assistive technology. There error message is only visually displayed. See also Success Criteria 1.1.1, 1.3.1, and 2.4.4.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	
1.2.5 Audio Description (Prerecorded) (Level AA)	Not Applicable	
1.3.4 Orientation (Level AA 2.1 only)	Supports	
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Not Applicable	
1.4.3 Contrast (Minimum) (Level AA)	Partially Supports	The following color combinations do not meet contrast requirements: <ul style="list-style-type: none"> When using the Start Trial mode, the white "!" (#FFFFFF) on a yellow background (#F5A623) only provides a color contrast of 2:1 making it difficult to see. In the Orchestrator Sign in footer, a mouse hover on the "Orchestrator Not Connected" text fails color contrast at 2.4:1. using the white text (#FFFFFF) on light teal background (#66B2C5). Globally, color contrast is 1.6:1 for grey place holder text used on a white background. In Commit Change modal dialog box, the Name and URL form fields color contrast is 2.4:1 for grey place holder text used on a white background.

Criteria	Conformance Level	Remarks and Explanations
1.4.4 Resize text (Level AA)	Partially Supports	The application provides the ability for some screens to Zoom to at least 200% (such as within the Design screen), but not all screens across the application can achieve this zoom level without loss of content or functionality.
1.4.5 Images of Text (Level AA)	Not Applicable	
1.4.10 Reflow (Level AA 2.1 only)	Supports	
1.4.11 Non-text Contrast (Level AA 2.1 only)	Partially Supports	The following color combinations do not meet non-text contrast requirements: <ul style="list-style-type: none"> Globally, the gray arrow pointing to the next sequence only has color contrast of 1.5:1.
1.4.12 Text Spacing (Level AA 2.1 only)	Supports	
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Does Not Support	Tooltips cannot be dismissed nor are they hoverable (meaning a mouse can move over the tooltip and off the item that triggered it but it still remains). This is a global issue for all tooltips.
2.4.5 Multiple Ways (Level AA)	Not Applicable	
2.4.6 Headings and Labels (Level AA)	Partially Supports	In the OneDrive and SharePoint Activities, Copy File/Folder, Create Folder, and Delete Folder, required form fields do not contain a visible label. The form fields that are required for "File or folder to copy" and "Folder name" needs to be persistent (a tooltip upon hover on "!" will not suffice). The visible form label must indicate when there is a required field.
2.4.7 Focus Visible (Level AA)	Partially supports	When using "Install Trial", there is a loss of focus for two keyboard Tabs before the focus appears on "Launch UiPath Studio". The "focus" appears to be on two links that are not visible on the page. In the Design, there is a loss of visible focus for 2 Tabs between "Overview" and "Main" box. Assistive

Criteria	Conformance Level	Remarks and Explanations
		Technology also does not read any content to determine where the focus is. In the Save As sidebar menu, Save As has a loss of visible focus. Keyboard users advance for 4 Tabs (or keystrokes) between the "Back arrow" and before focus reappears on "This PC" button.
3.1.2 Language of Parts (Level AA)	Not Applicable	
3.2.3 Consistent Navigation (Level AA)	Not Applicable	
3.2.4 Consistent Identification (Level AA)	Not Applicable	
3.3.3 Error Suggestion (Level AA)	Partially Supports	An alert ("!" icon) appears to show there is an error, however the text does not provide guidance of how to fix the issue at hand. Currently, it only says what is wrong and why it might be wrong, but is missing information about how to fix it. This error appears in Mail Outlook Activities and other areas of the application.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Not Applicable	
4.1.3 Status Messages (Level AA 2.1 only)	Partially Supports	In the "OneDrive & SharePoint" All activities, users are not made aware of error message programmatically to alert users of assistive technology. There error message is only visually displayed.

Table 3: Success Criteria, Level AAA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded) (Level AAA)	Not Applicable	
1.2.7 Extended Audio Description (Prerecorded) (Level AAA)	Not Applicable	
1.2.8 Media Alternative (Prerecorded) (Level AAA)	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
1.2.9 Audio-only (Live) (Level AAA)	Not Applicable	
1.3.6 Identify Purpose (Level AAA 2.1 only)	Supports	
1.4.6 Contrast (Enhanced) (Level AAA)	Partially Supports	See Success Criteria 1.4.3.
1.4.7 Low or No Background Audio (Level AAA)	Not Applicable	
1.4.8 Visual Presentation (Level AAA)	Not Applicable	
1.4.9 Images of Text (No Exception) (Level AAA)	Not Applicable	
2.1.3 Keyboard (No Exception) (Level AAA)	Partially Supports	See Success Criteria 2.1.1.
2.2.3 No Timing (Level AAA)	Supports	
2.2.4 Interruptions (Level AAA)	Supports	
2.2.5 Re-authenticating (Level AAA)	Not Applicable	
2.2.6 Timeouts (Level AAA 2.1 only)	Not Applicable	
2.3.2 Three Flashes (Level AAA)	Not Applicable	
2.3.3 Animation from Interactions (Level AAA 2.1 only)	Not Applicable	
2.4.8 Location (Level AAA)	Supports	
2.4.9 Link Purpose (Link Only) (Level AAA)	Supports	
2.4.10 Section Headings (Level AAA)	Does Not Support	See Success Criteria 1.3.1; due to software limitation, programmatic headings are not supported.
2.5.5 Target Size (Level AAA 2.1 only)	Supports	
2.5.6 Concurrent Input Mechanisms (Level AAA 2.1 only)	Supports	
3.1.3 Unusual Words (Level AAA)	Not Applicable	
3.1.4 Abbreviations (Level AAA)	Not Applicable	
3.1.5 Reading Level (Level AAA)	Supports	
3.1.6 Pronunciation (Level AAA)	Not Applicable	
3.2.5 Change on Request (Level AAA)	Supports	
3.3.5 Help (Level AAA)	Not Applicable	
3.3.6 Error Prevention (All) (Level AAA)	Not Applicable	

Legal Disclaimer (Company)

These results reflect sample accessibility testing for a set of critical user paths. Every element was not evaluated for accessibility.