

UiPath Studio, Studio Pro, and Activities Accessibility Conformance Report

WCAG Edition

(Based on VPAT[®] Version 2.4)

Name of Product/Version: UiPath Studio and Activities and Studio Pro (v 21.4.4)

Report Date: 06/11/2021

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

Studio is at the heart of automation with UiPath products. Activities form into comprehensive workflows in Studio, which are then executed by the Robot and published to Orchestrator.

Contact Information: Contact sales: <https://www.uipath.com/company/contact-us>

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 tested include:

For Studio and Activities: Change Language and Themes, Sign in, Sign out, Get started, Choose profile, Choose source control support, Create workflow, Create process, Command palette, Sequence, Message, Properties, Expression editor, Send mail, Run csv, Create templates, Open an existing Workflow and Publish to Orchestrator, Add a Package, Start >Settings> Manage Source, Navigate workflow via Outline, Navigate Projects, Activities, and Snippets Pane.

For Studio Pro: Studio Pro Start window, Studio Pro Test Automation, Design Tab, Debug Tab, Output Tab, Error List Tab, and Breakpoint Tab.

Studio and Studio Pro had overlapping failures. Failures are split by application type but failures may be applicable across application versions.

Evaluation Methods Used: New Edition’s Software 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 Software testing). The following testing tools were used on a Windows 10 desktop: Accessibility Insights for Windows v1.1, Color Contrast Analyzer, NVDA v2020.1, and external keyboard.

Testing was performed by certified 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)	Software: Partially Supports Document: Partially Supports	Software The image of the unicorn under the "This is your unicorn name" section does not have any alt text. Document: There are images that do not have any alternative text.
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)	Software: Document: Partially Supports	Software: Warnings and Errors change dynamically and frequently through interaction; as these changes occur, AT will not announce each change due to these changes interfering significantly with usability of the application. However, a user can check Errors/Warnings at any time. <u>Studio and Activities</u> <ul style="list-style-type: none"> • There are several elements in the Properties Panel that do not have accessible names such as: Display name text field, Buttons combo box, Private checkbox, and the ellipses buttons (...). • Some text fields do not have accessible names. Placeholder text is available but does not satisfy this requirement. • The dropdown list menu to select a language does not have an accessible name. • There are visual headers (bold/larger text) that are throughout modal dialog boxes, but are not programmatic headings throughout all versions

Criteria	Conformance Level	Remarks and Explanations
		<p>of the application. Due to code limitation, programmatic headings cannot be added.</p> <p><u>Studio Pro</u></p> <ul style="list-style-type: none"> • If you select the Settings gear on the far right column, a new box pops up. In that box, there are three text fields that a user can enter text. Those three text fields do not have accessible names. Placeholder text is used but does not meet this requirement. • The add activity button does not have a label indicating the purpose of the button. • The "... " button that opens the Expression Editor does not have a descriptive label assigned to it. • Buttons for indicating targets (shown in screenshot) do not have accessible names. • The combo boxes for Scope and Type do not have a sufficient accessible name/description. This is a repeat issue with combo boxes. <p><u>Studio Pro Mobile Testing:</u></p> <ul style="list-style-type: none"> • The copy and delete buttons do not let the user know for which action the copy/delete button is associated with. • When the create new mobile testing project modal opens, the Name field is required but "required" is not part of the accessible name/description. • The Variables table should have programmatic column headers of Name and Value. Currently the grid cells are not associated with these headers. This is also an issue under Log Selection.

Criteria	Conformance Level	Remarks and Explanations
<p>1.3.2 Meaningful Sequence (Level A)</p>	<p>Software: Partially Supports Document: Supports</p>	<p>Document: There are some visual headings that are formatted as "normal" text and there are a number of tables that are not programmatic tables.</p> <p>Software: Warnings and Errors change dynamically and frequently through interaction; as these changes occur, AT will not announce each change due to these changes interfering significantly with usability of the application. However, a user can check Errors/Warnings at any time.</p> <p><u>Studio and Activities</u> The following scenarios have sequence that does not provide a correct reading order:</p> <ul style="list-style-type: none"> • The Ctrl + Tab keyboard shortcut populates a menu from which a user can navigate to a specific window, including the Outline tab. None of the content in this menu is read by AT. • The static text onscreen in dialog boxes is not read aloud by AT. This is a repeat issue with dialog boxes. <p><u>Studio Pro</u></p> <ul style="list-style-type: none"> • In work flow, if Create Form Task and Suspend Until Creation is selected, an error automatically populates at the top of the page. This error is not read by AT. <p><u>Studio Pro Mobile Testing</u></p> <ul style="list-style-type: none"> • The recorded Actions and Requests lists at the bottom of the page do not read the text on the tile; instead, it reads "UiPath.MobileAutomation...". An AT user would not understand what the list item is for.

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> When the lists appear under Applications and Devices, the list items are not read according to the text on screen; instead AT reads a string such as "UiPath.MobileAutomation...". An AT user would not understand what the list item is for. This is also an issue for the dropdown list items for "Create Connection" combo boxes for Device and Select an Application and for the items in "Recorded Actions".
1.3.3 Sensory Characteristics (Level A)	Software: Supports Document: Not Applicable	
1.4.1 Use of Color (Level A)	Software: Supports Document: Not Applicable	
1.4.2 Audio Control (Level A)	Not Applicable	
2.1.1 Keyboard (Level A)	Software: Partially Supports Document: Supports	<p>There are a number of keyboard commands provided in UiPath's keyboard shortcut documentation to aid in navigation; a user should familiarize themselves with all keyboard shortcuts available in the application.</p> <p>The following instances are not keyboard accessible:</p> <p><u>Studio Pro Mobile Testing:</u></p> <ul style="list-style-type: none"> When the toggle button has focus, a user can activate the expanded menu with a keyboard but cannot use the keyboard to get in to the sub-menu. As soon as another key is pressed (arrow, tab, etc.) the menu then disappears and a keyboard user does not have these menu items available to them. There is no keyboard-accessible method to drag and drop the Import Recorded Actions into the Mobile Device Connection.

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> The interactive mobile device onscreen cannot be accessed with a keyboard only. There are some actions that require a user to navigate the phone to a text field, for example, before the "Input text" function can be used. Since the phone itself is not keyboard accessible, some of these menu functions cannot be performed by a keyboard-only user. The actionable buttons within each list item for Edit/Clone/Delete/Start are not keyboard accessible. <p>Note: The "indicate on screen" functions for capturing on-screen actions during recording requires input that depends on the path of the user's movement and thus meets the exception criteria for 2.1.1.</p>
2.1.2 No Keyboard Trap (Level A)	Software: Supports Document: Supports	
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Software: Supports Document: Not Applicable	
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)	Software: Supports Document: Does Not Support	Document: There is no title associated with the File.
2.4.3 Focus Order (Level A)	Software: Partially Supports Document: Supports	Software: <u>Studio and Activities</u> <ul style="list-style-type: none"> Under Settings, in order to tab from General to Design a user has to tab through all of the General elements even if that's not their intended field. Similarly, a user has to tab

Criteria	Conformance Level	Remarks and Explanations
		<p>through all of the Team elements before being able to access the General Tab.</p> <p><u>Studio Pro Mobile Testing</u></p> <ul style="list-style-type: none"> The reading order of the content is slightly different from the visual reading order. Currently the minimize/maximize/close buttons are read as 4-6 in reading order but appear essentially first in visual focus. When content is imported through "Import Configuration", new content appears onscreen in the Applications and Devices tab. A user's focus should move to the tabs and new content so a user can interact quickly with the new content (currently it continues to move through minimize, maximize, close etc.).
<p>2.4.4 Link Purpose (In Context) (Level A)</p>	<p>Software: Partially Supports Document: Not Applicable</p>	<p>Software: <u>Studio Pro Mobile Testing</u> None of the links on the middle of the screen have an accessible name/description. AT only reads "link".</p>
<p>2.5.1 Pointer Gestures (Level A 2.1 only)</p>	<p>Not Applicable</p>	
<p>2.5.2 Pointer Cancellation (Level A 2.1 only)</p>	<p>Software: Supports Document: Supports</p>	
<p>2.5.3 Label in Name (Level A 2.1 only)</p>	<p>Software: Partially Supports Document: Not Applicable</p>	<p>Software: <u>Studio Pro Mobile Testing:</u></p> <ul style="list-style-type: none"> The following buttons have no accessible name/description but AT will read the help text to provide some user guidance: the phone menu buttons such as Home, Rotate, Refresh, etc., clear button in Debug and Recorded Actions, Menu buttons in Visual Tree, and Copy in Recorded Actions.

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> The combo boxes for “Device” and “Select an application” do not have an accessible name/description. This is a repetitive issue throughout. There are numerous buttons and form fields without an accessible name/description.
2.5.4 Motion Actuation (Level A 2.1 only)	Not Applicable	
3.1.1 Language of Page (Level A)	Software: Supports Document: Supports	By default, Windows will adopt the language set in the user’s Control Panel > Language and apply it to the application.
3.2.1 On Focus (Level A)	Software: Supports Document: Supports	
3.2.2 On Input (Level A)	Software: Supports Document: Not Applicable	
3.3.1 Error Identification (Level A)	Software: Supports Document: Not Applicable	<u>Studio Pro Mobile Testing</u> When the Name field is left blank, only an "!" appears.
3.3.2 Labels or Instructions (Level A)	Software: Partially Supports Document: Not Applicable	When a user runs one of the processes (such as successful workflow or unicorn), the process runs on a different page. On that web page, the combo box for "What month were you born?" does not have an accessible name. This page is generated for demonstration purposes.
4.1.1 Parsing (Level A)	Software: Partially Supports Document: Not Applicable	See Success Criteria 1.3.1 and 2.4.4.
4.1.2 Name, Role, Value (Level A)	Software: Partially Supports Document: Not Applicable	See also Success Criteria 1.1.1, 1.3.1 and 2.4.4. Software: Warnings and Errors change dynamically and frequently through interaction; as these changes occur, AT will not announce each change due to these changes interfering significantly with usability of the application. However, a user can check Errors/Warnings at any time.

Criteria	Conformance Level	Remarks and Explanations
		<u>Studio Pro Mobile Testing</u> <ul style="list-style-type: none"> After creating a connection, a loading animation appears; a user is not provided notification of this status and may not be aware of what is happening on screen. This is also an issue once a user begins to interact with the menu features once the connection has been made to perform actions such as Android Home, Android Switch Apps, Switch orientation, etc. When content is imported through "Import Configuration", new content appears onscreen in the Applications and Devices tab but a user is not alerted to the change of content.

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)	Not Applicable	This was tested on a static desktop and orientation changes are not applicable.
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Not Applicable	
1.4.3 Contrast (Minimum) (Level AA)	Software: Partially Supports Document: Supports	Document and Software: <u>Studio and Activities</u> The follow color combinations do not meet the contrast requirement: <ul style="list-style-type: none"> Light blue/grey text on a blue background (2.6:1). Placeholder grey text on a white background (1.5:1).

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> Orange text on a grey background (2.5:1). <u>Studio Pro</u> <ul style="list-style-type: none"> White text on grey background (2.1:1). Grey text on a white background (2.4:1). <u>Studio Pro Mobile Testing</u> <ul style="list-style-type: none"> Gray background with white text (3.9:1). Red background with white text (2.9:1). Pink background on white text (2.5:1).
1.4.4 Resize text (Level AA)	Software: Partially Supports Document: Supports	Software: <u>Studio, Activities, and Studio Pro</u> The application provides the ability for some screens to Zoom (within the Design screen), but not all screens across the application. The application itself must provide the user the ability to zoom to at least 200% across each screen in the application, without loss of content or functionality. <u>Studio Pro Mobile Testing</u> There is no mechanism to resize to at least 200% within the Mobile Device Manager.
1.4.5 Images of Text (Level AA)	Software: Supports Document: Supports	
1.4.10 Reflow (Level AA 2.1 only)	Software: Partially Supports Document: Supports	Software: <u>Studio Pro Mobile Testing</u> At 400%, the app does not reflow.
1.4.11 Non-text Contrast (Level AA 2.1 only)	Software: Supports Document: Supports	
1.4.12 Text Spacing (Level AA 2.1 only)	Not Applicable	
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Software: Supports Document: Not Applicable	
2.4.5 Multiple Ways (Level AA)	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
<p>2.4.6 Headings and Labels (Level AA)</p>	<p>Software: Partially Supports Document: Supports</p>	<p>Software: <u>Studio Pro Mobile Testing</u></p> <ul style="list-style-type: none"> • The "Device" dropdown is a required field (or the "Create" button will not be enabled). There is no visible label letting the user know that the form field is required. • The combo boxes for "Device" and "Select an application" do not have an accessible name/description. This is a repetitive issue throughout. • There are numerous buttons and form fields without an accessible name/description (e.g., Search button, Add button, Minimize, Maximize, and Close button, List buttons such as Android, Apple, Native App, Web app, Platform Version dropdown, Settings, Logs/Timeline, Edit/Clone/Delete/Start application). • The following buttons have no accessible name/description but AT will read the help text to provide some user guidance (the phone menu buttons such as Home, Rotate, Refresh, etc., Clear button in Debug and Recorded Actions, Menu buttons in Visual Tree, and Copy in Recorded Actions).
<p>2.4.7 Focus Visible (Level AA)</p>	<p>Software: Partially Supports Document: Supports</p>	<p>Software: <u>Studio and Activities</u></p> <ul style="list-style-type: none"> • There is a loss of visual indication of focus for one tab between the Package Name dropdown box and the New Version text field. Programmatic focus is on the read-only Current Version text field. <p><u>Studio Pro Mobile Testing</u></p>

Criteria	Conformance Level	Remarks and Explanations
		There is a loss of visible focus for 2 tabs between the last link on the main screen and before focus appears on the three horizontal line menu.
3.1.2 Language of Parts (Level AA)	Software: Partially Supports Document: Not Applicable	Software: Studio and Activities "Unicorn Quick Template" and "Robotic Enterprise Framework" does not update when the Interface Language is changed.
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)	Software: Supports Document: Not Applicable	
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Not Applicable	
4.1.3 Status Messages (Level AA 2.1 only)	Software: Supports Document: Not Applicable	

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	
1.2.9 Audio-only (Live) (Level AAA)	Not Applicable	
1.3.6 Identify Purpose (Level AAA 2.1 only)	Software: Partially Support Document: Not Applicable	Software: Studio Pro <ul style="list-style-type: none"> The combo boxes for Scope and Type do not have a sufficient accessible name/description. The "..." button that opens the Expression Editor does not have a descriptive label assigned to it.

Criteria	Conformance Level	Remarks and Explanations
		<p><u>Studio Pro Mobile Testing</u></p> <ul style="list-style-type: none"> • The combo boxes for Device and Select an application do not have an accessible name/description. This is a repetitive issue throughout. • There are numerous buttons and form fields without an accessible name/description. • The following buttons have no accessible name/description but AT will read the help text to provide some user guidance (the phone menu buttons such as Home, Rotate, Refresh, etc., Clear button in Debug and Recorded Actions, Menu buttons in Visual Tree, and Copy in Recorded Actions). • The copy and delete buttons do not let the user know for which action the copy/delete button is associated with (e.g., "Copy Home button" or "Delete Home button"). • When the "create new mobile testing project" modal opens, the Name field is required but "required" is not part of the accessible name/description.
<p>1.4.6 Contrast (Enhanced) (Level AAA)</p>	<p>Software: Partially Supports Document: Partially Supports</p>	<p>See also Success Criteria 1.4.11 and 1.4.3.</p> <p>Software and Document: <u>Studio and Activities</u></p> <p>The following color combinations do not meet the contrast requirement:</p> <ul style="list-style-type: none"> • The common color combination used throughout the entire application uses white text on a blue background which only has a color contrast ratio of 4.6:1.

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> • When a (!) alert appears, it is red text on a red background which has a color contrast ratio of 5.2:1. • The red text on white background (and vice versa) fails color contrast at 4.9:1. • Red text on a white background (5.58:1). <p><u>Studio Pro</u></p> <ul style="list-style-type: none"> • Red text against the light red background (4.91:1). • Blue text against the white background (3.97:1). • Grey text against the white background (5.55:1) • "Blank Test Case" text against a white background (5.137:1). <p><u>Studio Pro Mobile Testing</u></p> <ul style="list-style-type: none"> • Gray background on white text (3.9:1). • white text on green background ("static text") (4.5:1). • Red background on white text (2.9:1). • Pink background on white text (2.5:1).
1.4.7 Low or No Background Audio (Level AAA)	Not Applicable	
1.4.8 Visual Presentation (Level AAA)	Software: Partially Supports Document: Supports	Software: There are blocks of text that do not offer the ability to change visual presentation to change color, ensure width is no more than 80 characters, change line spacing, or resize text (within the application).
1.4.9 Images of Text (No Exception) (Level AAA)	Software: Supports Document: Supports	
2.1.3 Keyboard (No Exception) (Level AAA)	Software: Partially Supports Document: Supports	See Success Criteria 2.1.1.
2.2.3 No Timing (Level AAA)	Software: Supports Document: Supports	

Criteria	Conformance Level	Remarks and Explanations
2.2.4 Interruptions (Level AAA)	Software: Supports Document: Not Applicable	
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)	Software: Supports Document: Not Applicable	
2.4.8 Location (Level AAA)	Not Applicable	
2.4.9 Link Purpose (Link Only) (Level AAA)	Software: Partially Supports Document: Not Applicable	Software: Studio Pro Mobile Testing None of the links in the middle of the screen have an accessible name/description. AT only reads "link".
2.4.10 Section Headings (Level AAA)	Software: Supports Document: Supports	
2.5.5 Target Size (Level AAA 2.1 only)	Software: Partially Supports Document: Supports	Software: Several of the smaller targets do not meet the pixel size of 44 by 44, such as "X", filter and "?". Auto-hide, minimize/maximize, and pin are also very small targets.
2.5.6 Concurrent Input Mechanisms (Level AAA 2.1 only)	Software: Supports Document: 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)	Software: Partially Supports Document: Partially Supports	Software: There is text that requires a 9-11 grade reading level, but other text/instructions that are provided at a 5 th grade reading level.
3.1.6 Pronunciation (Level AAA)	Not Applicable	
3.2.5 Change on Request (Level AAA)	Software: Supports Document: Not Applicable	
3.3.5 Help (Level AAA)	Software: Supports Document: Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
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.