TIBCO

Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.4Rev)

Name of Product/Version: JasperReports® Server 9.0.0

Date: 2024-01-16

Product Description:
JasperReports® Server is a stand-alone and embeddable reporting server. It provides reporting and analytics that can be embedded into a web or mobile application as well as operate as a central information hub for the enterprise by delivering mission critical information on a real-time or scheduled basis to the browser, mobile device, or email inbox in a variety of file formats.

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Evaluation Methods Used:
A manual accessibility audit was performed using assistive technologies (screen readers) and other accessibility techniques including voiceover/Safari on iOS, TalkBack/Chrome on Android and Win10/ JAWS 2020/ Chrome, Win 10/NVDA 2018.3.2/FF-ESR, Voiceover/MacOS/Safari

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes) Level AA (Yes)
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (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

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Supports	Relevant alternative text present in the application for the images / graphics are available in the application. Informative or decorative information present in the applications for all images/graphics are perceivable to Visually impaired users.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not Applicable	The application does not have pre-recorded video content.
1.2.2 Captions (Prerecorded) (Level A)	Not Applicable	The application does not have pre-recorded video content.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not Applicable	The application does not have pre-recorded video content.
1.3.1 Info and Relationships (Level A)	Partially Supports	The application has consistent headers and global table structures to establish clear information and relationships within the application. Screen readers properly identify the information available in the application. Visually impaired users are easily able to perceive the relationships between a particular element and its role. Exceptions: -- Library: NVDA: Non-text element are not announced by screen reader – Repository page: Folder ->Add Folder: Dialog header is not tagged in heading.
1.3.2 Meaningful Sequence (Level A)	Supports	Sequence of the content present in the application is meaningful and appropriate and does not affect the meaning of the provided content.
1.3.3 Sensory Characteristics (Level A)	Not Applicable	No information is present in the application, which is based on sensory characteristics such as shape, size, location, sound etc.
1.4.1 Use of Color (Level A)	Not Applicable	The information present in the application doesn't rely solely on the use of color.

1.4.2 Audio Control (Level A)	Not Applicable	There are no such audio available in the application, which plays automatically as soon as the page is launched.
2.1.1 Keyboard (Level A)	Partially Supports	Most of the interactive elements and functionalities are accessible using the keyboard. Exceptions: – Library, Repository List: Unable to navigate Favorite icon using keyboard. – Favorites: Favorites button is not accessible using tab and arrow keys.
2.1.2 No Keyboard Trap (Level A)	Supports	Keyboard focus is moving sequentially, and it is convenient to access the functionality throughout the website.
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Supports	Screen reader shortcuts are working correctly.
2.2.1 Timing Adjustable (Level A)	Not Applicable	There is no such activity present in the application where time needs to be adjusted or extended.
2.2.2 Pause, Stop, Hide (Level A)	Not Applicable	The application does not have content that blinks, scrolls, or updates regularly.
2.3.1 Three Flashes or Below Threshold (Level A)	Not Applicable	There is no flashing or below threshold content present on this site.
2.4.1 Bypass Blocks (Level A)	Supports	Landmark regions are defined correctly.
2.4.2 Page Titled (Level A)	Supports	All pages have a relevant title. Visually impaired users are able to understand the purpose of different pages through the page title.
2.4.3 Focus Order (Level A)	Supports	Tab focus order is correct in the application.
2.4.4 Link Purpose (In Context) (Level A)	Supports	The links are provided with appropriate link text and users will be able to understand the purpose of the link from its link text.
2.5.1 Pointer Gestures (Level A 2.1 only)	Not Applicable	The application does not contain any features or functionality that requires multipoint or path-based gestures.
2.5.2 Pointer Cancellation (Level A 2.1 only)	Supports	All functionality that can be operated using a single pointer is completed upon the up-event and users can undo the function after completion.
2.5.3 Label in Name (Level A 2.1 only)	Supports	For all UI components with labels, the name contains the text that is presented visually.
2.5.4 Motion Actuation (Level A 2.1 only)	Not Applicable	The application does not contain any features or functionality that requires Motion Actuation.
3.1.1 Language of Page (Level A)	Supports	Appropriate document language is specified on each page of the application. Lang attribute in html lang as per the specification, set to lang="en".
3.2.1 On Focus (Level A)	Not Applicable	No interactive element is being triggered automatically on receiving the focus.
3.2.2 On Input	Supports	Change of context does not happen when the user changes the setting of any input controls.

3.3.1 Error Identification (Level A)	Supports	Form error announcements are identified for screen reader users.
3.3.2 Labels or Instructions (Level A)	Partially Supports	The application provides support for motor impaired and cognitive users as the labels and instructions are provided for the form fields, which are clearly visible and readable to such users. Exception: – Search results: Label missing for expandable/Collapsible buttons under Filters section.
4.1.1 Parsing (Level A)	Not Evaluated	The evaluation requires code level check to validate the start and end tags, element nesting according to their specification, duplicate attributes etc. However in this audit, we have validated the elements and attributes at the UI/Platform level only and we did not observe any discrepancy wherein assistive technologies are interpreting the content as, totally irrelevant with the expected output.
4.1.2 Name, Role, Value (Level A)	Partially Supports	All the web elements have a proper label associated with their role and screen reader is recognizing them correctly with updated values as well. Exception: -- Search page, Favorites page: Interactive role missing for the listitems. – Search page -> filter: Interactive role missing for all list items under Filter section.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	There are no live videos available in the application. However, accessibility support for the content creation and product administration features is more limited. Keyboard support is direct, and assistive technologies may function best if left in forms mode, allowing JasperReports Server to handle keyboard input consistently.
1.2.5 Audio Description (Prerecorded) (Level AA)	Not Applicable	There are no live videos available in the application.

1.3.4 Orientation (Level AA 2.1 only)	Supports	All pages and content are not locked into any particular display orientation. The visual styles for these elements can be configured with custom themes to further address specific visual needs. Additionally, dynamically-updated CSS classes allow better monitoring options for assistive technologies, and browser focus initialization and tracking is rigidly enforced.
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Supports	Default HTML input elements are used. Some purely graphical content, such as pie charts and bar charts, does not necessarily provide inner navigation required for truly equivalent operation. Where this is a concern, report creators should use tabular data presentation. The choice of graphical or textual presentation of data in a report is the responsibility of the report creator. Reports intended for maximum accessibility should include tables that present the same data as any graphs or charts, as well as meaningful captions. Not all of TIBCO JasperReports Server report export formats provide complete state and role metadata for assistive technologies. JasperReports Server's PDF documents do not provide correct state and role information for most text markup.
1.4.3 Contrast (Minimum) (Level AA)	Supports	The web elements available in the application have a sufficient contrast ratio i.e. greater than or equal to 4.5:1.
1.4.4 Resize text (Level AA)	Supports	The website user interface supports standard zoom capabilities built into modern web browsers and operating systems.
1.4.5 Images of Text (Level AA)	Supports	Certain graphical chart components, if used by report creators, may contain hard-coded colors that are not consistent with system settings.
1.4.10 Reflow (Level AA 2.1 only)	Partially Supports	The website user interface supports standard zoom capabilities built into modern web browsers and operating systems. Exception: –Login, Home page: Footer bar Content overlaps at 400%.

Criteria	Conformance Level	Remarks and Explanations
1.4.11 Non-text Contrast (Level AA 2.1 only)	Supports	Web elements available in the application have a sufficient contrast ratio i.e. greater than or equal to 3.0:1. However, certain report chart types use color-coding exclusively instead of line stippling or weight. For many Ad Hoc reports, the user may select an alternate chart type for presentation of this information, largely mitigating the problem. Tabular reports, additionally, completely avoid this issue. Report exports, such as PDF, may have additional limitations in this area.
1.4.12 Text Spacing (Level AA 2.1 only)	Supports	The site is compliant with WCAG text spacing requirements. While manually-authored reports may include hard-coded color or other display settings, these can be avoided by report creators intending to produce accessible reports.
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Supports	
2.4.5 Multiple Ways (Level AA)	Supports	All pages can be navigated through multiple ways.
2.4.6 Headings and Labels (Level AA)	Supports	The Headings and Labels in the application provide sufficient detail of the content they are describing.
2.4.7 Focus Visible (Level AA)	Supports	The elements present in the application have focus visibility for motor Impaired users.
3.1.2 Language of Parts (Level AA)	Not Applicable	No information in the application is present in another language.
3.2.3 Consistent Navigation (Level AA)	Supports	The navigation list is always presented in the same order.
3.2.4 Consistent Identification (Level AA)	Supports	All components that repeat across multiple pages are identified consistently.
3.3.3 Error Suggestion (Level AA)	Supports	
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Not Applicable	There are no critical forms available where error prevention is required. Error suggestions are enough to fill out the form and correct the errors.
4.1.3 Status Messages (Level AA 2.1 only)	Partially Supports	Most of the updated content is automatically notified to the visually impaired user. Exception: – Repository tree, List and Toolbar: No notification provided after selecting "Cut, Copy, Paste" buttons.

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)	Not Applicable	
1.4.6 Contrast (Enhanced)(Level AAA)	Not Applicable	
1.4.7 Low or No Background Audio (Level AAA)	Not Applicable	Tabular reports are complicated by the presence of both layout and data cells; however, these reports can now be navigated as grids using the arrow keys, allowing users to navigate this content using a screen reader.
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)	Not Applicable	
2.2.3 No Timing (Level AAA)	Not Applicable	
2.2.4 Interruptions (Level AAA)	Not Applicable	Additionally, a number of areas which have DOM elements with script-updated text properly set aria-live attributes on these elements to indicate that their content may change. Nonetheless, while these capabilities are broad and significant, there are still remaining issues in some of the content creation and administration sections.
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)	Not Applicable	
2.4.9 Link Purpose (Link Only) (Level AAA)	Not Applicable	
2.4.10 Section Headings (Level AAA)	Not Applicable	
2.5.5 Target Size (Level AAA 2.1 only)	Not Applicable	

2.5.6 Concurrent Input Mechanisms (Level AAA 2.1 only)	Not Applicable	
3.1.3 Unusual Words (Level AAA)	Not Applicable	
3.1.4 Abbreviations (Level AAA)	Not Applicable	
3.1.5 Reading Level (Level AAA)	Not Applicable	
3.1.6 Pronunciation (Level AAA)	Not Applicable	
3.2.5 Change on Request (Level AAA)	Not Applicable	
3.3.5 Help (Level AAA)	Not Applicable	
3.3.6 Error Prevention (All) (Level AAA)	Not Applicable	

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Rest assured the organization is working on improving accessibility of applications by performing regular audits being carried out and including accessibility as core practice in our development processes.