Release Notes for RICOH Accessibility Designer 1.5

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RICOH Accessibility Designer is the visual authoring environment for creating and validating PDF2PDFUA Tool control files.

What's new in Release 1.5?

These new functions and updates are included in RICOH Accessibility Designer Version 1.5:

- Keyboard navigation. Expanded keyboard navigation and shortcut coverage.
- Step-by-step debugger. Lets you validate and troubleshoot control logic interactively, one rule at a time.
- Contextual help. Added to dialogs, settings, properties, the table builder, macro editing, and validation views.
- Macro workflow. Improved creation, editing, properties, assigned parameters, and Macro view behavior.
- Streamlined properties. Macro and rule properties are merged or improved to make authoring more efficient.
- Batch validation and export. Improved workflows for validating and exporting multiple PDF files.
- Rule search, filtering, and visibility. Lets you search and filter large rule sets and show or hide rules.
- Table builder. Added support for row spans, multiselect editing, and merge controls.
- ActualText and alternate text. Improved options for specifying ActualText, alternate text, and other accessibility metadata for complex content.
- Trial mode watermark. PDF files that you generate in trial mode include a watermark.
- Splash screen. A splash screen is displayed while the application loads.

Limitations

- **Visual limitation on Debian-based Linux machines:**
  - You cannot move or resize the application window.
  - The maximize and restore functions do not work correctly.
- **Opened PDF files limit:** RICOH Accessibility Designer can work with only one PDF document at a time. For more information, see *Files* in *RICOH Accessibility Designer User Guide*.
- **Table template limitation:** Variable table cells that contain more than one line of text are not supported. For more information, see *Table Template* in *RICOH Accessibility Designer User Guide*.
- **Unmarked text for Block Lines elements:** The `Block Lines` and `Block Lines Paragraph` elements do not mark all the text if the text is not fully contained within the selection box. For more information, see *Marking Text Elements* in *RICOH Accessibility Designer User Guide*.

- **Macros limitation:** Macros that contain `Text` directly under `ListBody` are not marked correctly because `ListItem Body` does not have a text property. For more information, see *Macros* in *RICOH Accessibility Designer User Guide*.
- **Repeating group limitation:** Exiting or breaking a repeating group from within a condition branch is not supported:

```
<Action when="false">
<ExitRepeatingGroup/>
</Action>
```

- **Document page not displayed correctly:** On Linux virtual machines only, the application does not display the entire document page in these cases:
  - You zoom in to a value greater than 3200%.
  - You zoom in to a lower value, such as 2000%, for documents with a larger page size, such as A0.
- **Automatic rule creation (prototype) limitations:**
  - Only `Paragraph`, `Heading`, `Block Paragraphs`, `Figure` (raster and vector), and `Table` rules, with the child rules `Table Row`, `Table Data`, `Column Header`, and `Row Header`, are supported. Other rules are not supported.
  - Generated rules for a page are placed in a `Condition` rule named Page followed by the page number. Page condition rules are placed inside a `Region` rule named Autodetect followed by a sequential count.
  - Rules are sorted from top to bottom by Y position, then from left to right by X position for rules on the same line. This order might not match the intended reading order. Verify the order.
  - Generated rules have `Export As` set to `Fixed` for X, Y, width, and height. The root `Region` rule has these values set to `Absent`. Rules that follow variable-length content might be positioned incorrectly in other documents.
  - Vector lines, based on maximum X/Y size, do not generate rules.
  - Raster images with overlapping centers are merged into a single `Figure` rule.
  - Intersecting raster images are merged into a single `Figure` rule when the overlapping area exceeds the configured X/Y tolerance.
  - Tables are generated first from vector line intersections, then from table-text detection. Some tables might not be recognized correctly, depending on the drawing style.
  - Table-text detection requires every cell to contain text. Empty cells prevent recognition, and non-table text might be identified as a table.
  - A table is generated only when the row count and the column count are both 2 or greater.
  - No alternate text is generated for any rule. Add alternate text for figures, including logos and text-only images, manually.
  - Only bold text chunks are detected as `Heading` rules, and no heading level is set.
  - Each page is processed independently. The feature does not reuse structures that are detected on other pages.
  - Only the currently open PDF file is processed.

  - Each time you run automatic rule creation, it regenerates rules for the entire document. It does not account for existing rules or previously matched items.
  - Rotated text, rotated content, and rotated pages are not supported.
  - The automatic rule creation button has no keyboard shortcut and cannot be configured in the application settings.

  For more information, see *Automatic Rule Creation* in *RICOH Accessibility Designer User Guide*.
- **Expression Builder number format limitation:** Inline expressions in the `Expression Builder` support only numbers in US locale format.
- **Table row operators limitation:** You can use the `Get Next Row Y` and `Get Next Row Height` operators only within a table.
- **List items Join match ID limitation:** Using more than two list items in a list with the same non-empty `Join match ID` value is not supported.
- **Variable rule expression limitation:** To change the value of a variable rule to an expression, use the `Edit` function. Do not set the expression from the `Variable Value` property.
- **Macro definition debugging limitation:** Breakpoints and debugging on rules inside macro definitions are not supported.

Product documentation

See *RICOH Accessibility Designer Setup Guide* for installation and startup tasks. See *RICOH Accessibility Designer User Guide* for information about the functions and basic operations of the application.

New and updated publications

Updated publications

- *RICOH Accessibility Designer Setup Guide* has been updated in these languages:
  - English
  - Dutch
  - French
  - German
  - Italian
  - Spanish
- *RICOH Accessibility Designer User Guide* has been updated in these languages:
  - English
  - Dutch
  - French
  - German
  - Italian
  - Spanish

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