

Kofax Web Capture

10.6.1

Release Notes



© 2012–2015 Kofax, 15211 Laguna Canyon Road, Irvine, California 92618, U.S.A. All rights reserved. Use is subject to license terms.

This product is protected by U.S. Patent No. 6,370,277.

THIS SOFTWARE CONTAINS CONFIDENTIAL INFORMATION AND TRADE SECRETS OF KOFAX AND LEXMARK. USE, DISCLOSURE OR REPRODUCTION IS PROHIBITED WITHOUT THE PRIOR EXPRESS WRITTEN PERMISSION OF KOFAX, INC.

Kofax, the Kofax logo, Kofax product names, and Lexmark stated herein are trademarks or registered trademarks of Kofax and Lexmark in the U.S. and other countries. All other trademarks are the trademarks or registered trademarks of their respective owners.

U.S. Government Rights Commercial software. Government users are subject to the Kofax, Inc. standard license agreement and applicable provisions of the FAR and its supplements.

You agree that you do not intend to and will not, directly or indirectly, export or transmit the Software or related documentation and technical data to any country to which such export or transmission is restricted by any applicable U.S. regulation or statute, without the prior written consent, if required, of the Bureau of Export Administration of the U.S. Department of Commerce, or such other governmental entity as may have jurisdiction over such export or transmission. You represent and warrant that you are not located in, under the control of, or a national or resident of any such country.

DOCUMENTATION IS PROVIDED "AS IS" AND ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE DISCLAIMED, EXCEPT TO THE EXTENT THAT SUCH DISCLAIMERS ARE HELD TO BE LEGALLY INVALID.

Contents

About This Release	5
Version Information	5
System Requirements	5
New Features	7
IntelliSense support	7
New Object Access Controls	7
Improved Support for Multi-Dimension Pages	8
OfficeAdapterDecoder	8
Known Issues	11
Runtime Dependency	11
Visual Studio 2013 Toolbox Missing Information	11
Resolved Issues	13
Issues Resolved in Fix Pack 10.6.0.3	14
Issues Resolved in Fix Pack 10.6.0.2	14
Issues Resolved in Fix Pack 10.6.0.1	15

About This Release

The release notes give you late-breaking information about Kofax Web Capture 10.6.1. Please read this document carefully, as it contains information that is not included in other documentation.

Version Information

The build number for Kofax Web Capture 10.6.1 is 10.6.1.0.0.315, which appears in the Kofax Web Capture Properties window, Details tab.

System Requirements

The primary source of information about Kofax Web Capture requirements and dependencies on other products is the Cross Product Compatibility Matrix, which is available on the Kofax website at <http://www.kofax.com>. The matrix is updated regularly and we recommend that you review it carefully, especially if you plan to use Kofax Web Capture 10.6.1 with other Kofax products.

New Features

The following features were added to Kofax Web Capture in version 10.6.1:

IntelliSense support

If you are using Visual Studio 2012 or later, you can now display jsDoc comments in the all public functions in the WebDocumentViewer (WDV) and WebDocumentThumbnailer (WDT) controls. To enable this functionality, you must make direct file references to the JavaScript files associated with the WDV and WDT controls

New Object Access Controls

The following root-level controls were added to provide additional access to objects created by WDV and WDT controls.

- "config" - a direct reference to the internal config options set by the constructor, and modified during usage. The "config" sub key is also available in the IDE as intellisense, with each option fully documented.
- "events" - an object with key-value pairs, where the key represents an available or added event binding, and the value contains either null or an array of functions that have been bound to that event. In addition, the annotations, forms, and document root level keys also contains a subkey "events" for available bindings specific to that sub key. The "events" sub key is available in the IDE as intellisense, although custom binds created by the user do not show up as a key until runtime.
- "domclasses" contains a list of class names assigned to different HTML elements that comprise the viewer. Use these classes to access the element such as jQuery. and modify them in certain ways.

As an example, here is how to add a green border for each toolbar button:

```
$('.atala_toolbar_button').css('border', '7px solid green');
```

Valid class names are shown in the table below. Use class names to access various HTML elements.

Key name	Description
atala_page_div	Page element class
atala_page_image	Page image element class
atala_page_number	Page index element class. see config.showpagenumber
atala_active_page	Active page class
atala_active_thumb	Active thumbnail class
atala_toolbar	Document toolbar element class
atala_annotation_toolbar	Annotations toolbar element class
atala_toolbar_button	Toolbar button element class

Key name	Description
atala_main_container	Class of the main outer object that holds the scrollbars
atala_scroller	Class of the inner object that controls scrolling
atala_viewport	Class of the inner object that defines the viewable area
atala_content	Inner content container object class
atala_scroll_horizontal	Inner horizontal scroll bar object class
atala_scroll_vertical	Inner vertical scroll bar object
atala_page_label	Toolbar span element containing the page number
atala_statusbar	Status div
atala_tool_button_ellipse_anno	"Draw Ellipse" annotation toolbar button
atala_tool_button_highlight_anno	"Draw Highlight" annotation toolbar button
atala_tool_button_line_anno	"Draw Line" annotation toolbar button
atala_tool_button_lines_anno	"Draw Poly Lines" annotation toolbar button
atala_tool_button_freehand_anno	"Draw Freehand" annotation toolbar button
atala_tool_button_polygon_anno	"Draw Polygon" annotation toolbar button
atala_tool_button_rect_anno	"Draw Rectangle" annotation toolbar button
atala_tool_button_fillrect_anno	"Filled Rectangle" annotation toolbar button
atala_tool_button_text_anno	"Draw Text" annotation toolbar button
atala_tool_button_stamp_anno	"Add a Stamp" annotation toolbar button
atala_tool_button_note_anno	"Add a Sticky Note" annotation toolbar button
atala_tool_button_comment_anno	"Add a Comment" annotation toolbar button

- "domattributes" a list of attribute names that contain additional information about viewer state. The only property currently exposed is "atala_page_index". Use the attributes to access page index (within the document) from DIV element that represents particular page.

Example

```
var activePageIndex = $('atala_active_page').attr('atala_page_index');
```

Improved Support for Multi-Dimension Pages

Use the new boolean config option "forcepagefit" to specify when you want all pages to fit into the first viable page's size, or use a 1:1 size you specify.

By default, "forcepagefit" is false, which corresponds to original 10.6 behavior.

Note Padding is no longer added to "forcepagefit" as it was in earlier versions.

OfficeAdapterDecoder

PowerPoint Support

OfficeAdapterDecoder class was modified to transparently handle PowerPoint documents.

OfficeAdapterDecoder now supports the following PowerPoint formats:

- PPT (PowerPoint 97-2003)
- PPTX

Performance Improvements

improve performance and throughput of OfficeAdapterDecoder in concurrent scenarios where multiple threads render office documents in parallel. Please see architecture sections for additional details.

For more information, please the OfficeAdapterDecoder Design Implications article on in the Kofax customer portal (<http://www.kofax.com>).

Known Issues

This chapter contains information about potential issues that you may encounter while using Kofax Web Capture 10.6.1.

Runtime Dependency

You must use Visual Studio 2008 or Visual Studio 2010 on the server. When Visual Studio 2013 is installed on the development box, assemblies will not work. (635657)

Visual Studio 2013 Toolbox Missing Information

The Toolbox in Visual Studio 2013 does not contain Kofax Web Capture controls. (636280)

Resolved Issues

This section contains information about issues that have been resolved in Kofax Web Capture since the prior release of this product.

- Missing Characters from PDFReader (643156)
- PdfDecoder not honoring hidden layers (OCG) in PDF - Foxit Reader and Acrobat display the PDF correctly (641690)
- [Java] Customer PDF files causing ArrayIndexOutOfBoundsException exception from Jpedal (641369)
- Rendering issue on Chrome (640681)
- DotTwain scanning with ThreadingEnabled is causing a small gray box to appear during scanning (628578)
- [WDV] better support for multi-dimension pages (627869)
- [Java WDV] Latest Tomcat requires leading slash when mapping rel. paths in the server's root (623946)
- WDV Horizontal Scroll not working when image is wider than viewer (622231)
- Kofax.WebCapture.ScanWorker.exe not properly exiting when Chrome Closes - causing MSG_OPENDS errors for some scanners (614198)
- Customer PDF has stream length errors that PdfDocument.Repair deems minor, but repaired file not opening in PdfDocument (611710)
- Customer PDF with Forms taking far too long (45+ seconds) to save in PdfGeneratedDocument (611168)
- PdfTextExtraction is skipping doubled letters/numbers in some documents in 10.5.2 and newer (609613)
- WDT- Calling showPage(index) and scrollToThumb(index) as callback from openUrl causing incorrect behavior (608538)
- WAV WebResources shipping with excanvas.js, but control is looking for excanvas-compressed.js (607646)
- WDV/WDT Page Selection Logic causes incorrect page selection (607631)
- Unable to override WpfAnnotationUI mouse events (607011)
- OfficeDecoder extremely slow performance (606528)
- PdfDecoder in JoltImage not passing Resolution along to AtalaImage (605600)
- WDT / WDV stretching / squishing images when ImageRequested is being overridden (595503)
- WpfPdfMarkupAnnotation not saving Rotation value when serializing (577835)
- Customer tiff palette appears to be correct but is not being returned (562170)
- Activation wizard produces offline activation XML in local culture (410880)
- Current VS 2010 Help Installer on site does not appear to work (373900)
- DocumentAnnotationViewer LoadAnnotationData doesn't update thumbnails (365810)
- Specific combination of thresholding/deskew used in GlyphReaderEngine throws AccessViolation under .Net 4.0/x64 (359242)

- Opening and saving this Pdf in PdfDocument creates visually incorrect output (325350)
- Customer PDF throws Incorrect determined type for MLPdfDictionary exception even when running PdfDocument.Repair() (316078)
- DocumentAnnotationViewer throws System.IO.IOException when quickly navigating between heavily annotated document pages (315196)
- PDF displays an Atalasoft.PdfDoc.PdfException was unhandled error message. (282738)

Issues Resolved in Fix Pack 10.6.0.3

- Loss of text / row in PDF form field (637003)
- Text Box allows additional text lines to be added when back in edit mode at end of box, one row per save in .pdf (637002)
- Text getting clipped off of PDF form field via .PDF (637001)
- .PDF changes previously specified fonts (637000)
- Text box overruns after save of PDF (636999)
- Opening a second document breaks the clickable thumbs in the WebDocumentThumbnailer (635773)
- WingScan trying to upload pages even though discard flag has been set in onImageAcquired (635396)
- Web Annotation Viewer IE9/IE10 Compatibility (634986)
- Text fails to display from form field when the text reaches the end of the box on flattened file (634966)
- Multi Threading issues with RAW decoder (634672)
- [WDT] Thumbnails from different size images in document not "BestFit" fitting into Thumbnails (631459)
- [WDV] Loading XMP annotations where Layer.Visible = false is not honoring the visibility setting (so annotations are all visible) (625418)
- WDV fires annotation moved event when the annotation hasn't moved (557852)
- "Specified cast is not valid." error when opening JPEG files with invalid resolution information (EXIF tags) (557010)

Issues Resolved in Fix Pack 10.6.0.2

- Support for rasterizing MS PowerPoint files in DotImage does not work (631203)
- WDV: Annotations can disappear (630162)
- [PdfDocument] Customer Pdf takes unreasonably long time to separate, output files sum total 1.49GiB from 8MiB input file (626142)
- [WDV] zoom scaling "sticking" at 100% visually even though getZoom() shows > 1.0 zoom value (625900)
- [WDV] not freeing up memory correctly (625845)
- PdfDecoder x64 access violation customer PDF (621999)
- Request to Add support for PowerPoint to DotImage (621146)
- WDV pageborderwidth causing annotations to "clip" early on bottom and right edges of document (607560)
- WDV setting a zoom level during viewer initialization does not work as expected (561087)

Issues Resolved in Fix Pack 10.6.0.1

- WDV Pdf Fillable form - Multiline Text box displays/ interacts incorrectly (595087)
- OfficeDecoder in DotImage 10.6 Alpha throws CodecException {"Unrecognized zip block signature."} (592760)
- WDV- if fillable form fields on the same page have the same name we only load the first of the fields properly (584712)
- PdfFillableForm save from WDV causing ChoiceWidgetAnnotations to not display proper selected choice in various readers (583889)
- DotTwain Acquire hanging with ThreadingEnabled = True in 10.4.1.61159 and newer (565116)
- Every time a new AtalaImage is created there is license checking code called from the AtalaImage constructor (552789)

