



Processor

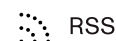


Changelog



PROCESSOR > GUIDES

Changelog for Processor



2023.11.1 | 09 APR 2024

CHANGED

Updates various dependencies.

2023.11.0 | 21 NOV 2023

See the [announcement post](#).

CHANGED

Updates GdPicture to v14.2.49.

CHANGED

Updates HarfBuzz to 8.2.2. (J#CORE-275)

FIXED



Fixes an issue where loading link annotations may incorrectly log an error. (J#CORE-281)

FIXED

Fixes an issue where opening a PDF failed due to `failure_parsing_content_tree`. (J#CORE-278)

FIXED

Fixes an issue where text annotations imported from XFDF may not render correctly. (J#CORE-279)

FIXED

Fixes an issue where the wrong rich text was rendered. (J#CORE-315)

FIXED

Fixes border style selection for shape annotations in Instant JSON when `strokeDashArray` is not present. (J#CORE-270)

2023.10.0 | 25 OCT 2023

CHANGED

Updates GdPicture to v14.2.47. (#0)

CHANGED

Updates the default signature watermark for signed documents. (J#WEB-308)

FIXED

Fixes XFDF export of dashed borders when cloudy borders were previously set. (J#CORE-185)

FIXED

Fixes an error 'Assertion failed: Annotation ID is already known' which may happen when opening a document. (J#WEB-233)

FIXED

Fixes an issue where image conversion in trial mode might have failed with missing image conversion license. (#42106)

FIXED

Fixes an issue where measurement properties weren't correctly applied when importing XFDF. (J#CORE-225)

FIXED

Fixes an issue with the util.scand and util.printd functions of the Adobe PDF JavaScript API, which in some cases returned the wrong result. (J#CORE-271)

2023.9.1 | 5 OCT 2023

CHANGED

Updates Chromium to 117.0.5938.62 to fix CVE-2023-4863. (#42122)

CHANGED

Updates Chromium to 117.0.5938.132.

CHANGED

Updates GdPicture to v14.2.44.

2023.9.0 | 27 SEP 2023

ADDED

Adds configuration for specifying font substitutions. (J#SERVER-159)

CHANGED

Improves memory usage on pages with a lot of vector graphics. (J#CORE-210)

FIXED

Fixes an issue where embedded files were not transferred when using certain operations in the Build API. (J#CORE-205)

FIXED

Fixes an issue where some color was lost when redacting documents. (J#CORE-201)

FIXED

Fixes the unsetting of annotation flags via Instant JSON. (J#CORE-183)

CHANGED

Updates GdPicture to v14.2.43. (#42095)

CHANGED

Updates libwebp to 1.3.2. (J#CORE-230)

CHANGED

Updates the HarfBuzz library to 8.2.1. (J#CORE-229)

2023.8.0 | 28 AUG 2023

ADDED

Adds support for changing the overlay text or fill color in the createRedactions action. (J#CORE-54)

CHANGED

Improves HTML to PDF Rendering Performance. (J#SERVER-202)

FIXED

Fixes an issue when redacting images with a mask referencing a color. (#41558)

FIXED

Fixes an issue where certain PDF documents couldn't be opened in Adobe Acrobat after flattening some form annotations. (J#CORE-79)

FIXED

Fixes an issue where rich text was converted to plain text incorrectly, missing content after new lines. (J#CORE-136)

FIXED

Fixes an issue where the font name was incorrectly inherited in certain form hierarchies. (J#CORE-69)

CHANGED

Updates GdPicture to v14.2.39.1. (#41757)

CHANGED

Updates HarfBuzz to 8.1.1. (J#CORE-169)

2023.7.0 | 26 JUL 2023

ADDED

Adds additional flags `invisible`, `readOnly`, `locked`, `toggleNoView` and `lockedContents` to the `flags` property of annotations in InstantJSON. (#41335)

ADDED

Adds support for GIF, WebP, SVG, TGA and EPS image conversion. (J#SERVER-47)

ADDED

Adds support for HEIC image conversion. (J#SERVER-41)

ADDED

Adds support for ODT documents conversion. (J#SERVER-46)

ADDED

Adds support for OpenType collection fonts (.otc). (J#CORE-91)

ADDED

Adds support for RTF documents conversion. (J#SERVER-43)

CHANGED

Improves AP stream generation to generate more optimal text rendering commands. (J#CORE-101)

CHANGED

Enables headers and footers when converting from Microsoft Excel format. (J#SERVER-44)

CHANGED

Supports greyscale options in Microsoft Office conversions. (J#SERVER-45)

CHANGED

Updates GdPicture to v14.2.36. (#0)

CHANGED

Updates HarfBuzz to 8.0.1. (J#CORE-129)

FIXED

Fixes an issue in Build API where input password was checked before converting document to a PDF. (#41164)

FIXED

Fixes an issue where exporting custom stamp annotations to XFDF and then importing them cause them to show blurry. (J#CORE-113)

FIXED

Fixes warning watermark upon Microsoft Office conversion that rarely appeared under high load in the output PDF documents. (Z#37183)

ADDED

Adds healthcheck endpoint for liveness and startup probes. (J#SERVER-38)

CHANGED

Improves embedding of OpenType CFF fonts. (#40481)

CHANGED

Improves handling of password-protected PDFs. (#38942)

CHANGED

Apply patch to libtiff to fix CVE-2023-2731. (#40657)

FIXED

Fixes an issue where `borderColor` wasn't serialized for `pspdfkit/text` annotations. (#40905)

FIXED

Fixes an issue where the Document Editor license was incorrectly required when converting Office files with the `build` endpoint. (#40896)

FIXED

Fixes an issue where the cloudy border effect was set when importing InstantJSON annotations. (#40472)

FIXED

Fixes an issue where validating some digital signatures created by DocuSign may incorrectly report additional changes. (#39972)

FIXED

Fixes placement of values on measurement annotations. (#40885)

2023.5.0 | 25 MAY 2023

ADDED

Adds support for compressing and linearizing PDF. (#39301)

ADDED

Adds support for converting documents to PDF/A. (#39299)

ADDED

Adds support for validating the conformance of a PDF/A file. (#39300)

ADDED

Adds timeout configuration for some core PDF operations. (#39750)

FIXED

Fixes a potential crash when parsing the reading order in an invalidly tagged PDF. (#40419)

FIXED

Fixes an issue where images could be inverted when redacting JBIG2 images. (#40341)

FIXED

Fixes an issue where processing results in an endless loop on malformed PDFs. (#40388)

FIXED

Fixes an issue where text in multiline form fields was cut off after two new lines. (#40504)

FIXED

Fixes an issue where the 'updatedAt' field in annotations wasn't preserved correctly when importing JSON. (#37490)

2023.4.0 | 27 APR 2023

CHANGED

Improves text rendering, particularly for languages that do not use the Latin alphabet. (#39812)

FIXED

Fixes a rare crash that can happen when importing Instant JSON if an annotation has a non-default blend mode. (#39457)

FIXED

Fixes an issue where link annotations were lost when using headers/footers while generating a PDF from HTML. (#39384)

FIXED

Fixes an issue where redaction annotations weren't applied on image documents. (#38776)

FIXED

Fixes an issue where some annotations added to a document are not correctly exported to Instant Document JSON. (#39014)

2023.3.0 | 23 MAR 2023

ADDED

Adds support for a `fontSize` property for redaction annotations in Instant JSON, which sets the size of the redaction overlay text. (#39017)

CHANGED

Improves the appearance of the overlay text in redacted documents, adjusting their font size much better to fill the available space. (#3017)

CHANGED

Alters directory for tmp files. (#38563)

CHANGED

Updates the HarfBuzz library to version 7.0.1. (#36924)

FIXED

Fixes a potential crash in low memory situations. (#39373)

FIXED

Fixes an issue where a background image was accidentally reverted when redacting on certain PDF pages. (#39342)

FIXED

Fixes an issue where link annotations are not preserved when generating a PDF from HTML with headers and footers. (#38686)

FIXED

Fixes an issue where radio buttons and checkboxes weren't able to be selected if the on state key was encoded as UTF-16. (#38844)

FIXED

Fixes an issue where saving a PDF file with a indirect null object could cause a crash. (#39127)

2023.2.0 | 23 FEB 2023

FIXED

Fixes tab order for forms in HTML to PDF generation. (#38049)

FIXED

Fixes an issue where temporary files were not released properly when remote documents download failed. (#38956)

FIXED

Fixes an issue where certain documents with signature fields may not load correctly. (#38301)

FIXED

Fixes an issue where the file size increased too much after adding emojis. (#38393)

FIXED

Fixes an issue where the redaction tool may incorrectly displace text in some situations. (#38642)

FIXED

Fixes an issue where applying a redaction annotation may incorrectly invert the colors of certain documents. (#38722)

FIXED

Fixes some issues where the redaction tool may incorrectly remove more vector graphics than strictly necessary. (#38295)

2023.1.0 | 25 JAN 2022

CHANGED

Updates OCR and Office conversion engines to GdPicture.NET. To enable new engines, update your license key from the PSPDFKit Portal. (#36523)

ADDED

Adds more detailed logging for signature verification errors during the development of custom signing implementations. (Z#28856)

ADDED

Adds support for converting multi-image TIFF files to multipage PDFs. (#36108)

ADDED

Adds support for the non-standard imagedata XFDF element in stamp annotations. (#36518)

CHANGED

Improves XFDF serialization of ink annotations by including their variant. (#34354)

CHANGED

Improves calculation of line height when a line is wrapped in a multi-line text form. (#36385)

CHANGED

Improves compatibility with other PDF software when rendering multi-line form field text. (#37072)

CHANGED

Allow to customize certificate used for verifying Remote URL server. (#36276)

CHANGED

Updates boost to 1.79.0. (#34723)

CHANGED

Updates libexpat to version 2.5.0. (#37257)

CHANGED

Updated WebP dependency to version 1.2.2. (#34735)

CHANGED

Updates Harfbuzz to 6.0.0. (#38024)

CHANGED

Updates SQLite to version 3.39.3. (#36337)

CHANGED

Updates XMP toolkit to version 2022.02. (#32824)

CHANGED

Updates libtiff to version 4.3.0. (#33050)

CHANGED

Updates the Freetype library to version 2.12.1. (#34326)

CHANGED

Updates the Zlib library to version 1.2.12. (#34305)

FIXED

Fixes Chromium freezes when rendering large HTML files (#38512)

FIXED

Fixes a crash while redacting documents containing the ' PDF operator. (#36778)

FIXED

Fixes a rare crash that happened when loading fonts. (#33110)

FIXED

Fixes an error “The timestamp token couldn’t be parsed” that may appear with some digital signature timestamps. (#35394)

FIXED

Fixes an issue running OCR on a page that contains an image with no text. (#31709)

FIXED

Fixes an issue when importing a InstantDocument JSON where both a form field and a form annotation were modified at the same time. (#35454)

FIXED

Fixes an issue when trying to run OCR on a blank page. (#33771)

FIXED

Fixes an issue where AP streams weren’t reliably generated for form text fields. That resulted in other readers potentially not showing the text. (#36236)

FIXED

Fixes an issue where JPEG2000 images were rendered blurry. (#37829)

FIXED

Fixes an issue where adding a digital signature may invalidate previous ones because of some spurious rounding-related changes to the page boxes. (#32952)

FIXED

Fixes an issue where an old trailer was loaded in PDFs with hybrid cross-reference tables causing old information to be shown. (#32243)

FIXED

Fixes an issue where certain documents could cause a crash when opening them. (#36272)

FIXED

Fixes an issue where dates weren't parsed correctly due to the parser being too strict. (#34079)

FIXED

Fixes an issue where font styles weren't always discovered correctly. (#35955)

FIXED

Fixes an issue where form field flags weren't preserved correctly when repairing form fields. (#33878)

FIXED

Fixes an issue where paths in content may not be rendered. (#35988)

FIXED

Fixes an issue where redacting certain documents may render some document pages blank. (#35776)

FIXED

Fixes an issue where redaction draws invalid black boxes on the page. (#37863)

FIXED

Fixes an issue where removing bookmarks failed. (#33250)

FIXED

Fixes an issue where temporary files could have been written into /. (#36239)

FIXED

Fixes an issue where the font information for annotations wasn't loaded correctly. (#36933)

FIXED

Fixes an issue where the time preset in the redaction API may miss valid matches. (#36484)

FIXED

Fixes an issue where the Unicode checkmark character wasn't rendered correctly. (#36785)

FIXED

Fixes crashes related to font loading in specific documents. (#36284)

FIXED

Fixes issues surrounding rendering Devanagari script. (#33753)

FIXED

Fixes parsing of page labels with indirect objects in the number tree. (#33657)

2022.1.4 | 15 DEC 2022

ADDED

Adds timeout configuration for processing requests. (#36384)

CHANGED

Disallows usage of asset names longer than 255 bytes in PDF Generation to prevent possible crashes. (#32515)

FIXED

Fix rendering form fields with inline CSS style. (#36235)

FIXED

Fixes an issue generating PDFs from HTML when checkboxes are defined and customer stylesheets are referenced in the HTML head. (#34453)

FIXED

Fixes an issue where duplicated assets in PDF generation caused an error. (#33776)

FIXED

Fixes an issue where input elements with duplicated IDs caused error in HTML generation. (#30462)

FIXED

Fixes an issue where multipart parts without the `filename` in their `Content-Disposition` were not accepted. (#33785)

2022.1.3 | 4 APR 2022

FIXED

Fixes a security vulnerability where contents of files on the container file system could be embedded in the result of PDF Generation. (#33746)

2022.1.2 | 5 MAR 2022

CHANGED

Updates libexpat to 2.4.6. (#33300)

2022.1.1 | 21 FEB 2022

FIXED

Fixes an issue where select inputs with empty option elements would cause the PDF Generation to fail. (#33035)

FIXED

Fixes compatibility with Google Cloud Run. (#33097)

FIXED

Fixes a crash when deserialising image annotations from JSON that references an incompatible existing annotation from the PDF. (Z#28946, #32861)

FIXED

Fixes an issue where some documents cannot be uploaded or opened due to media box reading. (#32764)

FIXED

Fixes an issue where the redaction tool may leave some old PDF object references if the page contents are an array of content streams. (#32926)

CHANGED

Updates STB dependency to 2.27. (#32326)

2022.1.0 | 2 FEB 2022

See the [announcement post](#).

ADDED

Adds a `PDF_GENERATION_TIMEOUT` configuration option to set the timeout of PDF generation. (#32338)

ADDED

Adds support for Word template file (dotx) conversion. (#32342)

CHANGED

Updates Expat to 2.4.4. (#32841, #32790)

CHANGED

Improves MIME type detection of non-conforming OOXML documents. (#32051)

CHANGED

Improves PDF generation stability. (#32061)

CHANGED

Improves performance of temporary file handling. (#32076)

ADDED

Add support for rendering pages to TIFF format. (#32195)

CHANGED

Changes the `[warn]` label in logs to `[warning]`. (#32362)

FIXED

Fixes a stability issue accessing the file system that can happen in rare situations. (#32467)

FIXED

Fixes an issue where page numbers in headers and footers for PDF Generation would appear in reverse order. (#32517)

FIXED

Fixes an issue where rendered images did not include form field values. (#31666)

2021.3.0

| 08 DEC 2021

See the [announcement post](#).

ADDED

Adds support for declaring headers and footers as part of the HTML when using the PDF Generation API. (#30975)

ADDED

Adds the `ALLOW_REMOTE_ASSETS_IN_GENERATION` configuration option which controls whether external resources can be used in PDF Generation. (#31183)

CHANGED

Improves rendering non-latin text (like Arabic) when selecting specific fonts. (#30517)

CHANGED

Improves the reliability of downloading files from URLs. (#31163)

FIXED

Fix watermarking with an image from annotations attachment. (#31887)

CHANGED

Ignores `pdfId` field when an Instant JSON is added as an attachment. (#30066)

CHANGED

Reduces memory consumption when encoding JPEG images. (#31205)

CHANGED

Updated FreeType to version 2.11.0. (#30900)

CHANGED

Updated libjpeg-turbo to 2.2.1. (#30900)

CHANGED

Updates HarfBuzz to 3.0.0. (#31113)

CHANGED

Updates the HarfBuzz library to 3.1.0. (#31771)

CHANGED

Updates the HarfBuzz library to version 2.9.1. (#30624)

FIXED

Fixes a very occasional crash when parsing stamp annotations that contained images references to invalid indirect objects. (#31093)

FIXED

Fixes an assertion if the rotation property was removed from an annotation. (#31173)

FIXED

Fixes an issue where annotations weren't always rendered in the correct z-order. (#31671)

FIXED

Fixes an issue where input elements with duplicated IDs caused error in HTML generation. (#30462)

FIXED

Fixes an issue where invisible form fields caused an error in HTML generation. (#30944)

FIXED

Fixes an issue where setting `event.value` inside a validation script might not work as expected. (#31286)

FIXED

Fixes an issue where the appearance stream of unsigned signature fields wasn't rendered. (#31015)

FIXED

Fixes possible undefined behavior validating digital signature data. (#31179)

2021.2.2

| 19 AUG 2021

FIXED

Fixes a problem where a PDF table of contents (outline) may link to the wrong page. (#30070)

FIXED

Fixes a rare crash that may happen when rendering a PDF. (#29843)

FIXED

Fixes an issue where XFDF annotations like lines without an explicit `width` attribute were not rendered. In these cases, we now imply a line width of 1 pt. (#30291)

FIXED

Fixes an issue where fonts were not correctly included in the PDF resulting in wrongly rendered free text annotations. (#30115)

FIXED

Fixes an issue where highlight annotations used the wrong blend mode after importing with Instant JSON. (#30537)

FIXED

Fixes an issue where redactions of paths could fail with `Coordinate outside allowed range` if the path coordinates were very large. (#29791)

2021.2.1 | 8 JUL 2021

ADDED

Adds support for blend mode in all annotations when using Instant JSON. If `blendMode` is not specified, it defaults to `normal`. (#29582)

ADDED

Adds the ability to control the color and opacity of flattened note annotations. (#29694)

FIXED

Fixes a problem where errors in applying Instant JSON were not correctly logged. (#29725)

FIXED

Fixes an issue where OCR would fail if no text is on the page. Now the call returns successfully. (#29527)

FIXED

Fixes an issue where importing a 'goToRemote' without a page index would fail. (#29616)

FIXED

Fixes an issue where importing unknown actions using Instant JSON failed. (#29814)

FIXED

Fixes an issue with OCR where no text is found if the text on the page is relatively large. (#29512)

2021.2.0 | 10 MAY 2021

See the [announcement post](#).

ADDED

Adds the `/render` endpoint that provides support for rendering document pages and converting whole documents to images. (#29190)

ADDED

Adds the ability to process TIFF images. (#28758)

ADDED

Adds support for toggling the case sensitiveness of search queries when creating redactions. (#28814)

ADDED

Adds support for specifying blend mode for shape annotations in Instant JSON. (#29081)

FIXED

Fixes an issue where some saved documents contained a xref table with more than one subsection. This may have caused problems if the document was signed multiple times, for example. (#28755)

FIXED

Fixes an issue where the framework may write unnecessary entries to the PDF trailer dictionary. (#28755)

2021.1.1 | 1 APR 2021

ADDED

Adds support for running PSPDFKit Processor on ARM processors. (#28366)

FIXED

Fixes an issue where text extracted from an image using OCR was not selectable on the macOS Preview.app. (#28329)

2021.1.0 | 11 MAR 2021

See the [announcement post](#).

ADDED

Adds new `updateMetadata` operation that updates the title and author of the processed PDF. (#26262)

ADDED

Adds request ID to log messages that can be supplied using `X-Request-Id` request header. (#27975)

ADDED

Adds support for PDF generation. (#26791)

ADDED

Adds support for running Processor with no authentication, or with API token authentication. (#27830)

CHANGED

Changes the `/process` endpoint to make `operations` parameter optional. (#28178)

FIXED

Fixes an issue where stuck libreoffice processes were not killed after the configured timeout. (#27104)

2020.2.0 | 03 NOV 2020

ADDED

Adds support for redacting documents. (#26507)

ADDED

Adds new `applyRedactions` document operation that will apply all existing redaction annotations in the affected document.

ADDED

Adds new `createRedactions` document operation that will automatically create redaction annotations in the document based on specified search options.

FIXED

Fixes an issue that would trigger a 415, `unsupported_media_type` error with specific PDF files. (#26539)

2020.1.2 | 28 OCT 2020

FIXED

Fixes CVE-2020-15999 in upstream dependency Freetype. (#26610)

2020.1.1 | 13 OCT 2020

ADDED

Adds support for limiting the maximum uploaded file size using the `MAX_UPLOAD_SIZE_BYTES` environment variable. (#25798)

ADDED

Adds support for importing a subset of document's pages with `importDocument` operation using the `importedPageIndexes` attribute. (#26002)

ADDED

Improves libreoffice based document conversion by ensuring that failed conversion operations do not lead to zombie `soffice` processes. (#25925)

ADDED

Adds `LIBREOFFICE_CONVERSION_TIMEOUT` environment variable to configure the timeout of conversion operations.

FIXED

Fixes an issue where a log message was emitted about incompatible `file` and `libmagic` versions. (#26284)

CHANGED

Improves the quality of office conversion. (#26387)

2020.1.0 | 10 SEP 2020

See the [announcement post](#).

CHANGED

Was this helpful?

 YES

 NO

Questions? [Contact us](#)

