

pdfRest Expands Add to PDF API Tool with Structured Tables, Drawing Tools, and Automated Accessibility Tagging

New capabilities let developers programmatically insert multi-page tables, lines, rectangles, and images into existing PDF documents, with optional standard structure tagging applied to added content.

Chicago, Illinois Aug 12, 2026 ([Issuewire.com](https://www.issuewire.com)) - pdfRest, by Datalogics, today announced a significant update to its [Add to PDF API Tool](#). This powerful REST API now includes expanded capabilities for programmatically adding complex visual and structural elements to existing PDF documents. Designed specifically for developers building high-volume document workflows, the upgraded tool allows applications to dynamically draw vector shapes, build structured tables, and apply accessibility tags directly onto PDF pages without altering underlying content.

In modern enterprise applications, dynamically modifying existing PDFs—such as applying status banners, appending transaction summaries, or adding approval tables—often requires cumbersome workaround solutions or destructive manual steps. The pdfRest Add to PDF API directly addresses this challenge by providing a clean, code-driven method to inject formatted text, graphics, and data structures. Built on robust Adobe technology, the tool processes these additions with high fidelity, ensuring the resulting documents maintain complete structural integrity and render consistently across all PDF viewers.

The upgraded API offers developers enhanced precision and flexibility for automated document generation:

- **Structured Table Insertion:** Dynamically build tables with headers, body rows, footers, merged cells, and mixed text or image content. Developers can [generate dynamic PDF reports with structured tables](#) directly onto PDF pages.
- **Multi-Page Table Support:** Span large tables seamlessly across multiple pages, with optional repeating headers and footers, for reports and statements of any length.
- **Comprehensive Table Styling:** Customize layout and design with fixed or relative column widths, padding, text wrapping, colors, opacity, and per-side borders.
- **Drawing and Image Controls:** Draw lines and rectangles programmatically and place images with enhanced sizing controls, ideal for status marks, separators, and visual overlays.
- **Automated Accessibility Tagging:** Optionally apply standard PDF structure tags (Table, TH, TD, row and column spans, and Figure) to newly inserted content automatically, without altering existing document tags, helping screen readers and assistive technologies correctly interpret added tables, text, and images. Developers can also [create tagged PDFs from scratch with application data](#).
- **Precise Layout Control:** Use exact coordinate placement, custom margins, and font styling options to seamlessly blend new content into existing page layouts.

- **Multi-Step Workflow Efficiency:** Accept direct file uploads or resource IDs from previous pdfRest processing steps, enabling streamlined pipelines where documents are modified, flattened, and secured in a continuous workflow.

"The additions to our Add to PDF API Tool mark a significant step forward in programmatic document enhancement," said Eric Shore, Chief Innovation Officer at Datalogics. "We are moving beyond simple text overlays to give developers full design and structural control. By combining vector graphics rendering, programmatic table generation, and automated accessibility tagging into a single REST API call, we are empowering development teams to automate complex document modifications with speed, security, and precision."

Developers can begin leveraging the upgraded Add to PDF API Tool immediately by signing up for a free account. The interactive API Lab offers direct browser access for testing, allowing users to upload files, configure parameters, and generate copyable integration code in minutes.

About pdfRest: pdfRest, by Datalogics, provides a comprehensive suite of REST API tools for robust and reliable PDF processing. Designed for developers and enterprises, pdfRest empowers seamless integration of powerful PDF functionalities into any application or workflow, offering both cloud-hosted and self-hosted solutions for quick integration with maximum flexibility, security, and control. Learn more at pdfrest.com.

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