



UWP



Introduction to annotations

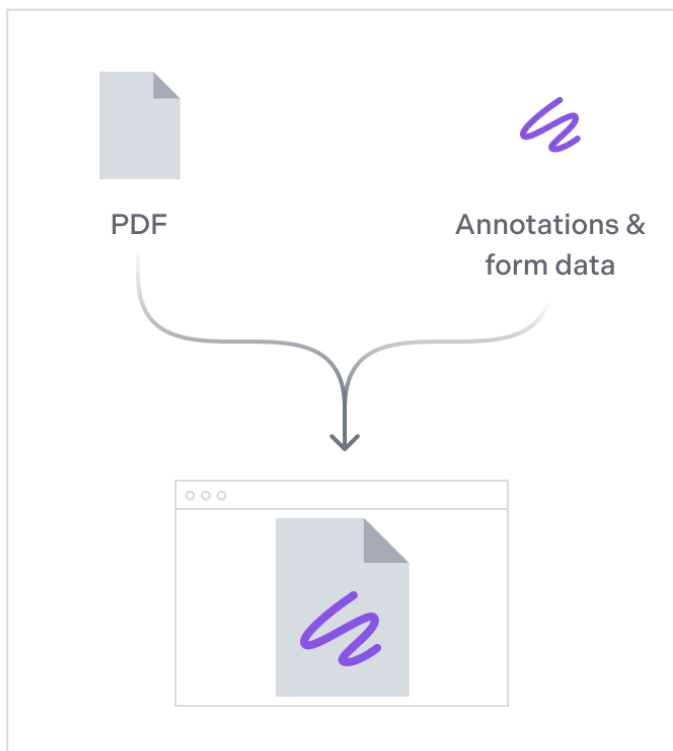


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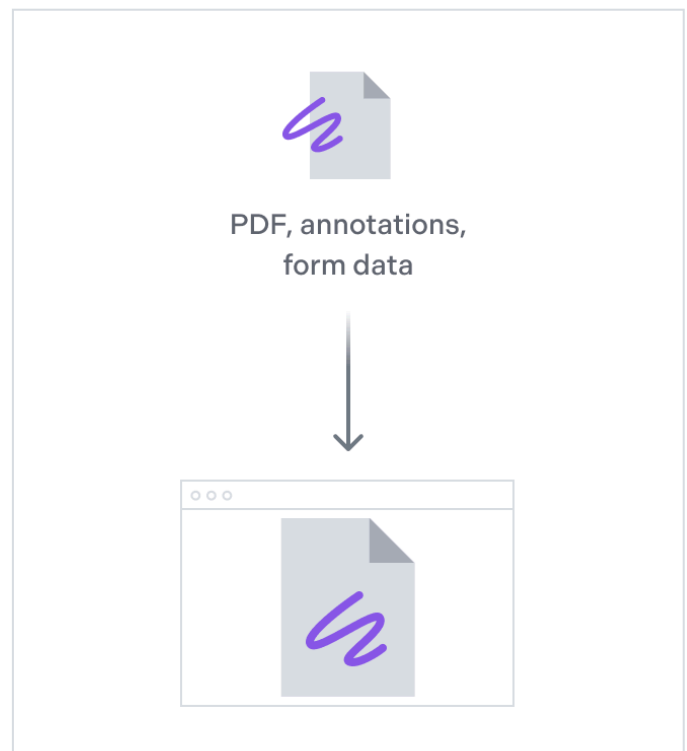
Understanding annotations in PDF: XFDF vs. JSON

In addition to reading and writing annotations embedded into a PDF, Nutrient UWP SDK enables you to use external files to manage annotations.

A Separated from PDF Document



B Combined with PDF Document



Nutrient UWP SDK supports reading and writing annotations in the following external data file formats:

✦ XML Forms Data Format (XFDF)



XML Forms Data Format (XFDF)

Nutrient UWP SDK has full support for reading and writing XFDF.

XFDF is an XML-based standard from Adobe [XFDF \(ISO 19444-1:2016\)](#) for encoding annotations and form field values. It's compatible with Adobe Acrobat and many other third-party PDF applications.

XFDF is a representation of all annotation and form data inside a PDF document at a point in time. It doesn't have a concept of differentials (diffs) for managing changes made by multiple users annotating the same PDF simultaneously, and it cannot store deleted annotations. This makes XFDF a challenging format to use for comparing changes, managing conflicts, and synchronizing annotations across users, devices, or sessions.

Was this helpful?

☒ YES

☐ NO

Questions? [Contact us](#)

