



Web



Overview



On this page



WEB ✕ ANNOTATIONS ✕ ONEDRIVE

Microsoft OneDrive PDF annotation library



COPY PAGE



Nutrient OneDrive SDK is a JavaScript library for creating, removing, and editing PDF annotations. It offers developers a robust API for programmatic annotation management, as well as a beautiful UI for working with 17 PDF annotation types in any Microsoft OneDrive application.

LAUNCH DEMO

TRY OUR NO-CODE APP

Nutrient SDKs are trusted by world's most popular applications, including Autodesk, Disney, UBS, Dropbox, IBM, and Lufthansa. Nutrient's powerful solutions enable seamless integration of PDF editing features into your applications, delivering reliability and efficiency to world-class enterprises.

Key capabilities

✧ Open, annotate, save — Directly in OneDrive from a browser



ASK AI

- ✧ 17 annotation types — Highlight, text, ink, note, shapes, and more
- ✧ Create, edit, remove — Programmatically or by using the UI
- ✧ Import and export — Manage annotations in XFDF or JSON files
- ✧ Annotation events — Trigger workflows or automations
- ✧ Cloudy annotations — Cloudy border effect
- ✧ Custom appearances — Replace or enhance annotation rendering
- ✧ Synchronize — To a server, multiple users, devices, or sessions
- ✧ Customizable UI — Hide annotation types or create custom tooltips
- ✧ Extendable — Add signing, editing, forms, and more

Guides for annotation

What are annotations?

Learn about the basics of PDF annotations

Supported annotation types

Learn about the types of annotations supported by Nutrient

Annotation data formats

Learn about using external files to manage annotations

Geometry primitives

Learn about the basic geometry data types exposed by Nutrient

Working with annotations

Learn how Nutrient loads annotations

Synchronization overview

Learn about the different approaches to annotation syncing

Storing annotation data

Learn best practices for storing annotation data

Concurrent user conflict resolution

Learn best practices for conflict resolution with concurrent users

Saving annotations overview

Learn the two ways Nutrient allows making changes to documents

Embed annotations into a PDF

How to embed annotations into a PDF document

Save annotations to external storage

How to save annotations to external storage

Auto save annotations

How to configure the way changes are automatically saved

Import and export using server-backed

How to import/export annotations using server-backed mode

Import and export to/from Instant JSON

How to import/export annotations to/from Instant JSON

Import and export to/from XFDF

How to import/export annotations to/from XFDF

Import and export to/from a database

How to import/export annotations to/from a database

Create an annotation

How to create an annotation

Edit an annotation

How to edit an annotation

Remove an annotation

How to remove an annotation

Annotation permissions

How to configure annotation editing permissions

Add an image annotation

How to add an image to a PDF as an annotation

Detect changes to annotations

How to detect annotation changes that originate from the UI

Annotation flags

How to configure annotation behavior and capabilities

Annotation author name

How to configure the author name for annotations

Customize annotation display logic

How to configure the logic used to display annotations in the viewer

Customize appearance streams

How to render existing appearance streams

Annotation customization

How to create a custom annotation

Hiding annotations

How to hide individual annotations or annotation types

Customize default properties

How to configure the default value for annotation properties

Store custom data in an annotation

How to store and process custom data inside an annotation

Annotation replies

Learn about displaying annotation replies as threaded conversations

Stamp a document with built-in stamps

How to stamp a document programmatically or with the UI

Stamp configuration

How to create a custom stamp

Flatten annotations

How to flatten annotations and burn them into the PDF

Annotate on an image

How to annotate a PNG, JPG, or TIFF

Image document specification

Learn how PNGs, JPGs, or TIFFs are annotated by Nutrient

PDF actions support

Learn about the PDF actions supported by Nutrient

Link annotations

How to create, detect, and customize link annotations

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FAQ

Here are a few frequently asked questions about annotations in Nutrient Web SDK.

What is Nutrient Web SDK?



Nutrient Web SDK is a JavaScript library that allows developers to create, edit, and manage PDF annotations in web applications.

How many annotation types does Nutrient support?



Can annotations be managed programmatically?



What file formats are supported for importing and exporting annotations?



Is the Nutrient UI customizable?



Was this helpful?

✓ YES

✗ NO

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