



Web



Overview



On this page



WEB ANNOTATIONS TEAMS

# Microsoft Teams PDF annotation library



COPY PAGE



Nutrient Teams 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 Teams 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 Teams from a browser
- ✦ 17 annotation types — Highlight, text, ink, note, shapes, and more



ASK AI

- ✧ **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

# Start your free trial for unlimited access and expert support.



Powering industry leaders



Dropbox



Lufthansa



AUTODESK



UBS

## 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

Copyright 2025 Nutrient. All rights reserved.

[About](#)   [Contact](#)   [Legal](#)