



# **WebViewer User Guide**

*version 1.5.0*



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## Introduction

The PDFTron WebViewer provides support for annotations on the document being viewed. Annotations are loaded and saved into an XFDF (XML Forms Data Format) file. Some common supported use cases include:

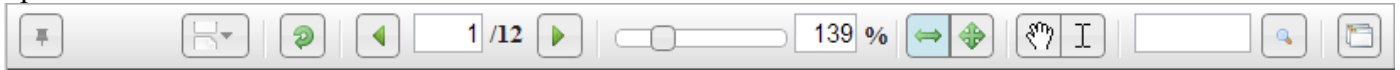
- loading existing annotations into the document
- creating and exporting annotations on the document
- editing various properties of existing annotations on the document
- toggling annotations on or off for better viewing

This document outlines how to use the annotation features of the HTML5 Desktop and Mobile WebViewer. Note that the annotation features of the WebViewer will be turned on only if 'enableAnnotations' is passed in with the value 'true'.

## Desktop HTML5

### Toolbar Menu

The main toolbar is where the user is presented different display mode options and various navigation options.



### Display Modes

There are 6 display modes supported in the Display Mode dropdown menu:

#### *Single*

Displays one page at a time; the document is treated as a series of pages that the user moves through

#### *Continuous*

Displays all pages in one continuous column and is scrollable, much like navigating a webpage

#### *Facing*

Displays two pages at a time, side by side as a spread

#### *Facing Continuous*

Displays pages in two continuous vertical columns

#### *Cover*

Displays two pages at a time, side by side as a spread. The first page always starts on the right column.

#### *Cover Continuous*

Displays pages in two continuous vertical columns. The first page always starts on the right

### Zoom Options



#### *Zoom Slidebar*

Allows the setting of zoom level from 5% to 500%

#### *Fit Zoom*

Allows the user to quickly zoom the viewer to fit the width or fit the page

#### *Full Screen*

Expands the viewer space to take up the full screen

### **Navigation Options**

#### *Page Navigation*

Allows the user to set the current page, and to go to the previous and next page quickly

#### *Text Search*

Allows the user to enter text to search for, after which the viewer navigates to the first instance of the found text

### **Tool Modes**

#### *Pan Mode*

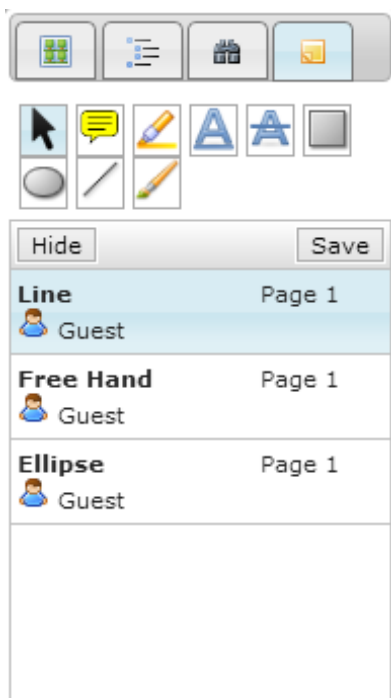
Allows the user to pan around the document

#### *Text Select Mode*

Allows the user to highlight and select text on the document

## Side Panel

The Side Panel is brought up whenever the user moves the mouse cursor to the left edge of the screen. It consists of four sub-panels: Thumbnail Panel, Bookmark Panel, Full Search Panel, and Annotation Panel. After leaving the panel area for 5 seconds, the side panel is hidden from view again.



To show or hide the Side Panel completely, the user can click on the Toggle Side Panel button in the Toolbar Menu.

## Thumbnail Panel

The Thumbnail Panel displays the thumbnail previews for each page of the document. Clicking on a thumbnail quickly navigates the viewer to the selected page.



## **Bookmark Panel**

The Bookmark Panel displays all the bookmarks in the document and allows quick navigation to the bookmarks.

## **Full Search Panel**

The Full Search Panel is where the user can perform text search on the document. Unlike the quick search text box in the Toolbar Menu, more search options are presented to the user.

## **Annotation Panel**

The Annotation Panel is where the user performs all the Annotations related operations. It consists of a group of buttons for selecting and creating of annotations, and a list showing all the annotations on the document.

### *Annotation Edit*

The Annotation Edit button is a button that switches the Tool mode to Annotation Edit mode. The user can select annotations on the document only when they are in Annotation Edit mode. In this mode the user can click on an annotation to select it and then is able to edit various properties of the annotation under the annotations list.

### *Markup Annotation Create*

The markup annotations include: Sticky Note, Rectangle, Ellipse, Line, and Freehand. These markup annotations can be created by clicking on their respective annotation create button, and clicking on the screen where the user wants to place the annotation. The size of the annotation can be adjusted by holding and dragging before releasing the mouse.

The text markup annotations include: Text Highlight, Text Underline, and Text Strikeout. These markup annotations must be created on text only. After clicking on their respective annotation create button, the user clicks on the starting text for the annotation, holding and dragging to select the text for the annotation before releasing the mouse.

### *Save Annotations*

When the user clicks on the Save Annotations button above the annotations list, all the annotations currently on the document, as well as any form data, will be exported into an XPDF file, sent to the URL specified by the `serverUrl` property.

### *Toggle Annotations*

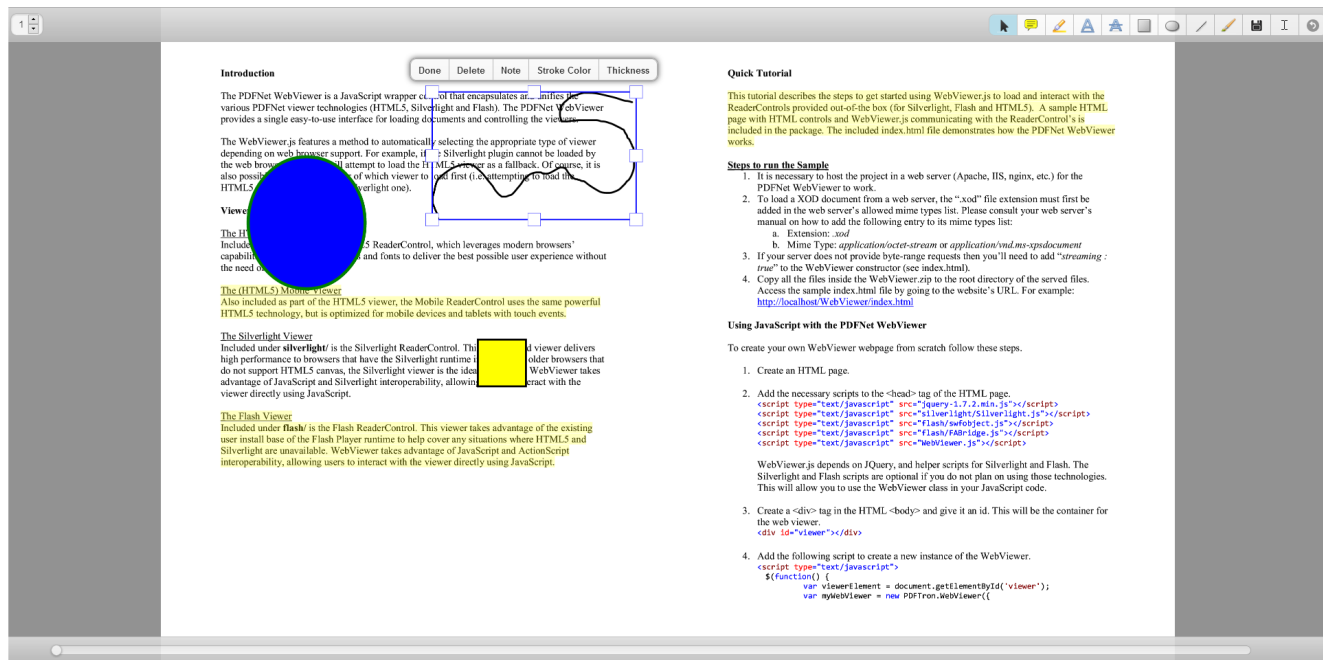
The Toggle Annotations button is a toggle button that toggles annotations on and off, where the button label also toggles between “Show” and “Hide” accordingly. While annotations are toggled off, it does not mean that they are deleted. They are just hidden from the viewer, and at any point the user can toggle annotations on again.

### *Annotations List*

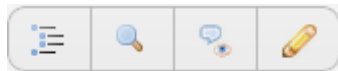
The Annotations List shows a list of all the displayed annotations currently on the document. For each annotation, it also displays additional information such as the author of the annotation, the page number of the annotation, and the popup comment of the annotation if any. Clicking on any annotation item on the Annotations List quickly navigates to the selected annotation on the viewer.



## Mobile HTML5



## Main Menu



From left to right: Bookmarks, Search, Toggle Annotations, Annotation Menu

### Bookmarks

The Bookmarks button brings out a popup listing all the bookmarks in the document and allows the user to navigate to them quickly.



### *Search*

Tapping the Search button brings up a search box where the user can enter text to search through the document for matched text.

### *Toggle Annotations*

The Toggle Annotations button is a toggle button that toggles annotations on and off. Annotations are turned off when the Toggle Annotations button is active. While annotations are toggled off, it does not mean that they are deleted. They are just hidden from the viewer, and at any point the user can toggle annotations on again.

### *Annotation Menu*

When the user taps on the Annotation Menu button, the Annotation Menu will be displayed and replace the Main Menu. In the Annotation Menu there are options to edit and create various annotation types, save annotations, and switch to text select mode.



## Annotation Menu



From left to right: Annotation Edit, Create Sticky Note, Create Text Highlight, Create Text Underline, Create Text Strikeout, Create Rectangle, Create Ellipse, Create Line, Create Freehand, Save Annotations, Text Select, Back to Main Menu

### *Annotation Edit*

The Annotation Edit button is a toggle button that toggles between Annotation Edit mode and Pan mode. The user can select annotations on the document only when they are in Annotation Edit mode, where the screen is fixed and the user is unable to pan around, zoom, and swipe. In Annotation Edit mode the user taps on an annotation to select it, at which point the Annotation Edit Popup will be displayed to allow the user to edit various properties of the selected annotation.

### *Markup Annotation Create*

The markup annotations include: Sticky Note, Rectangle, Ellipse, Line, and Freehand. These markup annotations can be created by tapping on their respective annotation create button, and tapping on the screen where the user wants to place the annotation. The size of the annotation can be adjusted by holding and dragging before releasing the tap.

### *Text Markup Annotation Create*

The text markup annotations include: Text Highlight, Text Underline, and Text Strikeout. These markup annotations must be created on text only. After tapping on their respective annotation create button, the user taps on the starting text for the annotation, holding and dragging to select the text for the annotation before releasing the tap.

### *Save Annotations*

When the user taps on the Save Annotations button, all the annotations currently on the document, as



well as any form data, will be exported into an XFDF file and sent to the URL specified by the `serverUrl` property.

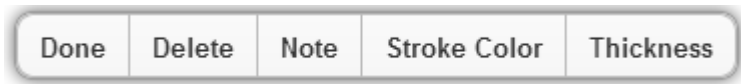
### *Text Select*

The Text Select button is a toggle button that toggles between panning and text select mode. When the user is in text select mode they cannot pan, zoom, or swipe. The view is fixed as long as the user is in text select mode.

### *Back to Main Menu*

Tapping this button brings the Main Menu back and automatically sets the viewer in pan mode.

## **Annotation Edit Popup**



In the Annotation Edit Popup, the user can modify properties such as Stroke Color, Fill Color, and Thickness. The appropriate editable properties will show up according to the selected annotation. Changes made in the Annotation Edit Popup will not be saved until the user hits the Save button.

The Annotation Edit Popup will be displayed when the user is in Annotation Edit mode and they select an annotation. The popup will disappear once the user deselects the annotation by clicking elsewhere on the viewer, or when the user hits the Done button (indicating the editing is finished) or the Delete button (deleting the selected annotation, thus deselecting it as well).

The Note property represents the popup note of the annotation in the PDF. The user can enter text here to mark an annotation, and the message will be saved as well into XFDF when the user saves the annotations.



## Offline Mode

The PDFTron WebViewer provides support for downloading documents for offline viewing. Once a document has been downloaded it will be able to viewed without an Internet connection.

### Downloading a Document

In both the desktop and mobile viewers there is a button with a downward pointing arrow. Pressing this button will begin downloading the current document. While the document is downloading the button will become a cancel button and if this button is pressed before the download has finished then the download will be cancelled.

### Viewing a Document Offline

To the left of the download button there is a button that toggles between viewing the document online or offline. Once the document has been downloaded then this button can be pressed to switch to offline viewing mode. This mode is exactly the same as normal viewing except that no Internet connection is required.