

Java

Create

HOME ➤ GUIDES ➤ JAVA ➤ ANNOTATIONS ➤ CREATE ➤ MARKUP ANNOTATIONS

# Create and manage PDF annotations in Java



COPY PAGE



Annotations are created using the `AnnotationProvider.AddAnnotationJson` method. To create an annotation on a page, use the annotation JSON format to add the annotation you want.

## Creating markup annotations

A markup annotation can be a highlight, underline, strikeout, or squiggle.

Here's an example of adding a markup annotation with JSON:

```
{
  "bbox": [10, 10, 400, 400],
  "color": "#00FF00",
  "opacity": 1,
  "pageIndex": 0,
  "rects": [[10, 10, 400, 400]],
  "type": "pspdfkit/markup/highlight",
  "v": 1
}
```

To alter the markup type, change the `"type"` key value to one of the following:

- ✧ `pspdfkit/markup/highlight`
- ✧ `pspdfkit/markup/squiggly`
- ✧ `pspdfkit/markup/strikeout`
- ✧ `pspdfkit/markup/underline`

The JSON can be loaded from a file and added using `addAnnotationJson`:

```
String jsonString = Files.readAllBytes(Paths.get("path/to/my-annotation.json")).to  
document.getAnnotationProvider().addAnnotationJson(new JSONObject(jsonString));
```

---

Was this helpful?

✓ YES

✗ NO

---