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Edit PDF annotations in Java



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There is no API for editing annotations directly in Nutrient Java SDK. This guide shows you how to do it using the `AnnotationProvider`'s add, get, and remove functionality:

- 1 Get the `AnnotationProvider` from the `PdfDocument`:

```
final AnnotationProvider annotationProvider = document.getAnnotationProvider();
```

- 2 Get all the annotations for the page on which you want to edit an annotation. This returns a `JSONArray` containing the JSON representations for each annotation on the page:

```
final int pageIndex = 0; // First page.
final JSONArray annotations = annotationProvider.getAnnotationsJson(pageIndex);
```

- 3 Check which annotation you want to edit. For example, if you want to edit the first one in the array, get the first annotation:

```
final JSONObject annotationToEdit = annotations.getJSONObject(0);
```



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- 4 Decide which property you want to edit. For example, to change the highlight color of the highlight markup annotation to red, do the following:

```
annotationToEdit.put("color", "#FF0000");
```

- 5 Remove the annotation from the document. For more details on this step, see the annotation removal guide:

```
final int pdfObjectId = annotationToEdit.getInt("pdfObjectId");  
annotationProvider.removeAnnotation(pageIndex, pdfObjectId);
```

- 6 Add the annotation back using the `JSONObject` edited in the previous steps:

```
annotationProvider.addAnnotationJson(annotationToEdit);
```

Was this helpful?

✓ YES

✗ NO



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