

Java



Automatic



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Automatically integrate Nutrient Java SDK for PDF processing



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This guide helps you seamlessly integrate Nutrient Java SDK, letting build tools automatically handle its download and updates for advanced PDF capabilities. By the end, you'll be able to load a PDF document into your application using the Nutrient Java API.

Select the build system you're using:

GRADLE

MAVEN

In your top-level `build.gradle` file, add the Nutrient Maven repository:

```
allprojects {
    repositories {
        maven {
            url 'https://my.nutrient.io/maven/'
        }
    }
}
```

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In the depending module's `build.gradle` file, add the Nutrient dependency:

```
dependencies {  
    implementation 'com.pspdfkit:libraries-java:1.8.0'  
}
```

Add the OCR dependency (optional). This is only necessary if you plan to use the OCR feature. To do that, a separate package, `libraries-java-ocr`, is required. Add the new package dependency to your `build.gradle` file:

```
dependencies {  
    ...  
    implementation 'com.pspdfkit:libraries-java-ocr:1.8.0'  
}
```

Using the Nutrient Java library

Now that the Nutrient library is added, you can use the SDK in your application. You need to initialize the SDK prior to calling any other method. Use the

`initializeTrial` method if you haven't yet bought a license key, or the

`initialize` method if you have a key:

JAVA

KOTLIN

```
public void initializePSPDFKit() throws PSPDFKitInitializeException {  
    PSPDFKit.initializeTrial();  
}
```

Next, load a document:

JAVA

KOTLIN

```
File file = new File("path/to/document.pdf");  
PdfDocument document = PdfDocument.open(new FileDataProvider(file));
```

Once you have a document loaded, you can use the rest of the library. See the [API docs](#) and [guides](#) for more information, or try out the Catalog examples (see below).

Building and running the Catalog app

The Nutrient library comes with an example application called the Catalog app, which contains many useful examples for exploring the different features of Nutrient. You can find the app in the `Example` folder of the [SDK ZIP file](#).

To build and run the Catalog app, follow the instructions below.

LINUX

MAC

WINDOWS

Download the latest release.

Extract `PSPDFKit-Libraries-java_binary-{version}.zip` to your desired location and `cd` into the root of its directory.

`cd` into the Catalog (`cd catalog`).

Build and run the Catalog application:

```
./gradlew runJava
```

Was this helpful?

YES

NO



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