PDF Tools
Web Application

Documentation

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Introduction

Welcome to PDF Tools web app, a fully featured web application designed to help you manage your PDF files while maintaining good quality. PDF Tools web app provides a comprehensive set of features to help you quickly and easily manipulate your PDF files in any way you need. Whether you need to convert, organize, edit, compress, or even protect your PDF files, our web app has you covered. Our goal is to provide a simple and intuitive user experience, allowing you to complete your tasks quickly and efficiently. PDF Tools web app is accessible from any device with an internet connection, making it easy for you to work with your PDF files from anywhere, at any time.

Features

PDF tools web app offers a variety of tools to edit and manipulate PDF files. Here are all the available tools that our app offers:

− **Merge PDF Tool:** Combine multiple PDF files into a single document.
− **Rotate PDF Tool:** Rotate pages in a PDF document to adjust the orientation.
− **Remove Pages Tool:** Delete specific pages from a PDF document.
− **Organize PDF Tool:** Rearrange pages in a PDF document to create a custom order.
− **Compress PDF Tool:** Reduce the file size of a PDF document for easier sharing and storage.
− **Grayscale PDF Tool:** Convert a PDF document to grayscale for printing purposes.
− **Extract PDF Pages Tool:** Extract selected pages from a PDF document to create a new file containing only the desired pages.
− **Repair PDF Tool:** Fix corrupted or damaged PDF files (Limited repairing capabilities).
− **JPG to PDF Tool:** Convert JPG images to PDF documents.
− **PNG to PDF Tool:** Convert PNG images to PDF documents.
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- **PDF to PNG Tool:** Convert PDF documents to PNG images.
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- **PDF to TIFF Tool:** Convert PDF documents to TIFF images.
- **PDF to Word Tool:** Convert PDF documents to Word format (Converts only text. Image and formatting will not be preserved).
- **PDF to PowerPoint Tool:** Convert PDF documents to PowerPoint format (With editing limitations).
- **PDF to TXT Tool:** Convert PDF documents to plain text format.
- **PDF to ZIP Tool:** Convert PDF documents to compressed ZIP files.
- **Protect PDF Tool:** Add password protection to a PDF document to prevent unauthorized access.
- **Unlock PDF Tool:** Remove password protection from a PDF document for easier editing and sharing.

Additionally:

- The maximum file size the tool can accept as input can be changed.
- Right to left support.
- Compatible with All Browsers.
- Responsive.
- SEO Friendly.
- Google Analytics Ready.
- Multiple languages support.
- About, Terms and Condition, Privacy and Contact Pages.

Getting Started

System requirements

To run PDF Tools web app, you will need a device that meets the following minimum system requirements:

- **Operating System:** Windows, macOS, or Linux.
- **Server Requirements:** The server must have **Node.js**, **Ghostscript**, **LibreOffice**, **JRE 1.8 (Required for LibreOffice)** and **QPDF** installed to run the PDF tools app. The server must also have a CPU with 4 to 8 cores and RAM with 4 to 16 GB to ensure smooth operation. The app uses Ghostscript, LibreOffice, and QPDF for background tasks, and additional processing power or memory may be required depending on the size and complexity of the files being processed. Since files are stored on the server for exactly one hour, the server must have enough resources to handle many requests and file uploads at the same time. Sufficient disk space should be available on the server to accommodate user uploads. At least 25 GB of storage is required to store uploaded and processed files on the server.
- **Client Requirements:** The app can be accessed through any modern web browser with JavaScript enabled.
- **Database:** Not required as no database is used in the app.

Note:

You must make sure that Node.js, Ghostscript, LibreOffice, JRE 1.8 and QPDF are installed on your server or can be installed, if you are not sure, you can contact your hosting provider's support and ask if it is installed or if it can be installed.

Steps to run the project locally

Please follow the video to install the required dependencies to run PDF Tools application on your local machine.

Link to video: Install and Run PDF Tools Next.js Application on Windows Locally

For the code editor, I have used Visual Studio Code.

Accessing the web app

To access PDF Tools web app, simply navigate to the website URL (If you are running the app on your local machine, navigate to: http://localhost:3000) using your preferred web browser. You can access PDF Tools web app on any device with an internet connection, including desktops, laptops, tablets, and smartphones.

Using the tools

PDF Tools web application offers a complete set of features to help you manipulate your PDF files. You can access each tool by clicking on the corresponding button.

Selecting PDF files

To select file(s), open the tool and simply click on the "Choose File" button and select the file you want to upload. You can also drag and drop your PDF file directly onto the web app interface. Some tools in the app allow multiple files selection. Once you have selected your file(s), you can begin using the selected tool's features to edit and manipulate your files.

User Guide

Welcome to the user guide for the PDF tools web app. This guide will walk you through the main features of the app and provide step-by-step instructions on how to use them.

Merge PDF Tool

- ♦ **Description:**

This tool allows users to merge multiple PDF files into a single document. The tool allows users to select and process one or multiple files at the same time. Users can also rotate pages, delete pages, and reorganize the order of pages as needed. The tool includes a PDF viewer to preview the merged document.

♦ **How to use Merge PDF tool:**

To merge multiple PDF files into a single document, select the "Merge PDF" tool and follow these steps:

1. Click on the "Choose File" button and select or drag and drop the PDF file(s) into the tool.
2. Click on the "Add File" button to add additional PDF files to the merge queue.
3. Arrange pages in the desired order by dragging and dropping them.
4. Rotate or delete pages, if needed.
5. Click 'Save and Download' to combine and download your PDF.

Rotate PDF

♦ **Description:**

This tool allows users to rotate PDF pages to the desired orientation. The tool allows users to select and process one or multiple files at the same time. Users can also merge multiple PDF files, delete pages, and reorganize the order of pages. The tool includes a PDF viewer to preview the rotated document.

♦ **How to use Rotate PDF tool:**

To rotate pages in a PDF document to adjust the orientation, select the "Rotate PDF" tool and follow these steps:

1. Click on the "Choose File" button and select or drag and drop the PDF file(s) into the tool.
2. Select the page(s) you want to rotate.
3. Choose the direction of rotation and click the "Rotate Left" or "Rotate Right" button to apply the rotation.
4. Preview the rotated PDF using the built-in PDF viewer.
5. Add more files or delete pages, if needed.
6. Click 'Save and Download' to download your rotated PDF.

Remove Pages

♦ **Description:**

This tool allows users to delete selected pages from a PDF document. The tool allows users to select and process one or multiple files at the same time. Users can also merge multiple PDF files, rotate pages, and reorganize the order of pages. The tool includes a PDF viewer to preview the edited document.

♦ **How to use Remove Pages tool:**

To remove pages from a PDF document, select the "Remove Pages" tool and follow these steps:

1. Click on the "Choose File" button and select or drag and drop the PDF file(s) into the tool.
2. Select the pages you want to remove.
3. Click on the "Delete All" button to delete the selected pages.
4. Preview the rotated PDF using the built-in PDF viewer.
5. Add more files or rotate pages, if needed.
6. Click 'Save and Download' to download your PDF file.

Organize PDF:

♦ **Description**:

This tool allows users to reorganize the order of pages in a PDF document. The tool allows users to select and process one or multiple files at the same time. Users can also merge multiple PDF files, rotate pages, and delete pages as needed. The tool includes a PDF viewer to preview the organized document.

♦ **How to use Organize PDF tool:**

To rearrange pages in a PDF document to create a custom order, select the "Organize PDF" tool and follow these steps:

1. Click on the "Choose File" button and select or drag and drop the PDF file(s) into the tool.

2. Select and drag and drop the pages to rearrange them in the desired order.
3. Preview the rotated PDF using the built-in PDF viewer.
4. Add more files or rotate and delete pages, if needed.
5. Click 'Save and Download' to download your rotated PDF.

Compress PDF:

♦ **Description:**

This tool allows users to compress PDF files to reduce their file size. Users can choose from three levels of compression and see an estimated size of the compressed document. The tool also includes a size comparison feature to compare the file size before and after compression. Additionally, users can rotate pdf files. The tool allows users to select and process one or multiple files at the same time.

♦ **How to use Compress PDF tool:**

To reduce the file size of a PDF document for easier sharing and storage, select the "Compress PDF" tool and follow these steps:

1. Click on the "Choose File" button and select or drag and drop the PDF file(s) into the tool.
2. Add more files and rotate PDF documents if necessary and click Select Compression Level.
3. Select compression level and click on Compress PDF to start the compression.
4. Click on the "Download" button to download the compressed PDF file.

Grayscale PDF:

♦ **Description:**

This tool converts colored PDF documents into a grayscale document. The tool allows users to select and process one or multiple files at the same time.

♦ **How to use Grayscale PDF tool:**

To convert a PDF document to grayscale for printing purposes, select the "Grayscale PDF" tool and follow these steps:

1. Click on the "Choose File" button and select or drag and drop the PDF file(s) into the tool.
2. Add more files or delete files if necessary.
3. Click on the "Convert to Grayscale" button to create a new PDF file in grayscale.
4. Click on the "Download" button to download the PDF file(s).

Extract PDF Pages:

♦ **Description:**

This tool allows users to extract selected pages from a PDF document, including odd pages, even pages, and specific pages. The tool allows users to select and extract pages from one PDF file at a time.

♦ **How to use Extract PDF Pages tool:**

To extract selected pages from a PDF document to create a new file, select the "Extract PDF Pages" tool and follow these steps:

1. Click on the "Choose File" button and select or drag and drop the PDF file into the tool.
2. Select extraction option level and click Next button.
3. If you have selected 'Extract All Odd Pages' or 'Extract All Even Pages', the pages extraction will start automatically.
4. If you select 'Extract specific pages', a list of all PDF pages is displayed, and you can select the pages to extract and click ' Start Pages Extraction '.
5. Once the extraction is complete, you can click the Download button to download the new PDF file containing the extracted pages.

Repair PDF:

♦ **Description:**

This tool repairs corrupted or damaged PDF files. The tool allows users to select and process one or multiple files at the same time.

♦ **How to use Repair PDF tool:**

To fix corrupted or damaged PDF files, select the "Repair PDF" tool and follow these steps:

1. Click on the "Choose File" button and select or drag and drop the PDF file(s) into the tool.
2. Add more files or delete files if necessary.
3. Click on the "Recover" button to start the repair process. Wait for the app to analyze and fix the issues in the PDF file.
4. Click on the "Download" button to download the repaired PDF file.

Note: Please note that our application uses Ghostscript to repair damaged or corrupted PDF files. While Ghostscript can often fix common issues such as missing fonts or damaged structures, it may not be able to repair more complex issues or data corruption. Additionally, some repairs may cause loss of content or formatting in the repaired file. We recommend keeping a backup of the original PDF file before attempting any repairs, and testing the repaired file thoroughly to ensure it meets your needs. Please let us know if you have any questions or concerns about the repair process. If the file cannot be repaired, try using a different tool or contacting a professional PDF repair service.

JPG to PDF:

♦ **Description:**

This tool converts JPG images into a PDF document. Users can set the page margin, orientation, and page size. Users can rotate images and change the order of the images. Additionally, users can choose to merge all images into a single PDF

file or download each image in a separate PDF file. The tool allows users to select and process one or multiple images at the same time.

♦ **How to use JPG to PDF tool:**

To convert JPG images to PDF documents, select the "JPG to PDF" tool and follow these steps:

1. Click on the "Choose File" button and select or drag and drop the JPG image(s) into the tool.
2. Once you've selected your images, you'll see a preview of them in the "Image Preview" section of the tool.
3. If you want to change the order of the images, simply click and drag each image to the position you want.
4. If you want to rotate an image, click on the respective rotate button to rotate it. You can also select multiple images and rotate them by clicking on the 'Rotate All' button.
5. You can also adjust the settings for each page by selecting the page size, margin and orientation, each from the corresponding drop-down list.
6. If you want to merge all the images into a single PDF file, make sure the "Merge all images in one PDF file" option is checked.
7. If you want each image to be downloaded in a separate PDF file, make sure the "Merge all images in one PDF file" option is unchecked.
8. Once you've set the options you want, click the "Convert to PDF" button to begin the conversion process.
9. Once the conversion process is finished, click on the "Download" button to download the PDF file(s).

PNG to PDF:

♦ **Description:**

This tool converts PNG images into a PDF document. Users can set the page margin, orientation, and page size. Users can rotate images and change the order of the images. Additionally, users can choose to merge all images into a single PDF file or download each image in a separate PDF file. The tool allows users to select and process one or multiple images at the same time.

♦ **How to use PNG to PDF tool:**

To convert PNG images to PDF documents, select the "PNG to PDF" tool and follow these steps:

1. Click on the "Choose File" button and select or drag and drop the PNG image(s) into the tool.
2. Once you've selected your images, you'll see a preview of them in the "Image Preview" section of the tool.
3. If you want to change the order of the images, simply click and drag each image to the position you want.
4. If you want to rotate an image, click on the respective rotate button to rotate it. You can also select multiple images and rotate them by clicking on the 'Rotate All' button.
5. You can also adjust the settings for each page by selecting the page size, margin and orientation, each from the corresponding drop-down list.
6. If you want to merge all the images into a single PDF file, make sure the "Merge all images in one PDF file" option is checked.
7. If you want each image to be downloaded in a separate PDF file, make sure the "Merge all images in one PDF file" option is unchecked.
8. Once you've set the options you want, click the "Convert to PDF" button to begin the conversion process.
9. Once the conversion process is finished, click on the "Download" button to download the PDF file(s).

BMP to PDF:

♦ **Description:**

This tool converts BMP images into a PDF document. Users can set the page margin, orientation, and page size. Users can rotate images and change the order of the images. Additionally, users can choose to merge all images into a single PDF file or download each image in a separate PDF file. The tool allows users to select and process one or multiple images at the same time.

- **How to use BMP to PDF:**

To convert BMP images to PDF documents, select the "BMP to PDF" tool and follow these steps:

1. Click on the "Choose File" button and select or drag and drop the BMP image(s) into the tool.
2. Once you've selected your images, you'll see a preview of them in the "Image Preview" section of the tool.
3. If you want to change the order of the images, simply click and drag each image to the position you want.
4. If you want to rotate an image, click on the respective rotate button to rotate it. You can also select multiple images and rotate them by clicking on the 'Rotate All' button.
5. You can also adjust the settings for each page by selecting the page size, margin and orientation, each from the corresponding drop-down list.
6. If you want to merge all the images into a single PDF file, make sure the "Merge all images in one PDF file" option is checked.
7. If you want each image to be downloaded in a separate PDF file, make sure the "Merge all images in one PDF file" option is unchecked.
8. Once you've set the options you want, click the "Convert to PDF" button to begin the conversion process.
9. Once the conversion process is finished, click on the "Download" button to download the PDF file(s).

TIFF to PDF:

- **Description:**

This tool converts TIFF images into a PDF document. Users can set the page margin, orientation, and page size. Users can rotate images and change the order of the images. Additionally, users can choose to merge all images into a single PDF file or download each image in a separate PDF file. The tool allows users to select and process one or multiple images at the same time.

♦ **How to use TIFF to PDF tool:**

To convert TIFF images to PDF documents, select the "TIFF to PDF" tool and follow these steps:

1. Click on the "Choose File" button and select or drag and drop the TIFF image(s) into the tool.
2. If you want to change the order of the images, simply click and drag each image to the position you want.
3. If you want to rotate an image, click on the respective rotate button to rotate it. You can also select multiple images and rotate them by clicking on the 'Rotate All' button.
4. You can also adjust the settings for each page by selecting the page size, margin and orientation, each from the corresponding drop-down list.
5. If you want to merge all the images into a single PDF file, make sure the "Merge all images in one PDF file" option is checked.
6. If you want each image to be downloaded in a separate PDF file, make sure the "Merge all images in one PDF file" option is unchecked.
7. Once you've set the options you want, click the "Convert to PDF" button to begin the conversion process.
8. Once the conversion process is finished, click on the "Download" button to download the PDF file(s).

Note: TIFF images are not supported by browsers, that is why we used a place holder image to represent each TIFF image, you can differentiate them by their title.

Word to PDF:

♦ **Description:**

This tool converts Word documents into a PDF document. The tool allows users to select and process one or multiple files at the same time.

♦ **How to use Word to PDF tool:**

To convert Word documents to PDF format, select the "Word to PDF" tool and follow these steps:

1. Click on the "Choose File" button and select or drag and drop the Word document(s) into the tool.
2. Add more files or delete files if necessary.
3. Click on the "Convert to PDF" button to start the conversion.
4. Click on the "Download" button to download the PDF file(s).

PowerPoint to PDF:

♦ **Description:**

This tool converts PowerPoint presentations into a PDF document. The tool allows users to select and process one or multiple files at the same time.

♦ **How to use PowerPoint to PDF tool:**

To convert PowerPoint presentations to PDF format, select the "PowerPoint to PDF" tool and follow these steps:

1. Click on the "Choose File" button and select or drag and drop the PowerPoint presentation(s) into the tool.
2. Add more files or delete files if necessary.
3. Click on the "Convert to PDF" button to start the conversion.
4. Click on the "Download" button to download the PDF file(s).

TXT to PDF:

♦ **Description:**

This tool converts plain text files into a PDF document. The tool allows users to select and process one or multiple files at the same time.

♦ **How to use TXT to PDF tool:**

To convert plain text files to PDF format, select the "TXT to PDF" tool and follow these steps:

1. Click on the "Choose File" button and select or drag and drop the text file(s) into the tool.

2. Add more files or delete files if necessary.
3. Click on the "Convert to PDF" button to start the conversion.
4. Click on the "Download" button to download the PDF file(s).

Excel To PDF:

♦ **Description:**

Convert Microsoft Excel spreadsheets to PDF format. The tool allows users to select and process one or multiple files at the same time.

♦ **How to use Excel to PDF tool:**

To convert Excel spreadsheets to PDF format, select the "Excel to PDF" tool and follow these steps:

5. Click on the "Choose File" button and select or drag and drop the Excel spreadsheet(s) into the tool.
6. Add more files or delete files if necessary.
7. Click on the "Convert to PDF" button to start the conversion.
8. Click on the "Download" button to download the PDF file(s).

PDF To JPG:

♦ **Description:**

This tool allows users to convert a PDF document to JPG image format. Users can choose to convert all pages of the PDF or only selected pages. The resulting JPG images can be downloaded as a single zip file. This tool allows users to convert a single PDF file to JPG format at a time.

♦ **How to use PDF to JPG tool:**

To convert PDF pages to JPG images, select the "PDF to JPG" tool and follow these steps:

1. Click on the "Choose File" button and select or drag and drop the PDF file you want to convert.

2. Select the option to "convert all PDF pages to JPG images" or the option to "select specific pages to convert to JPG images" and click on Next button.
3. If you have selected 'Convert all PDF pages to JPG images', the PDF to JPG conversion starts automatically.
4. If you select 'Select pages to convert to JPG images', a list of all PDF pages is displayed, and you can select the pages to convert to JPG and click 'Start extracting images'.
5. Once the extraction is complete, you can click the Download button to download the extracted JPG images.
6. Finally, download the ZIP archive containing JPG images.

PDF To PNG:

♦ **Description:**

This tool allows users to convert a PDF document to PNG image format. Users can choose to convert all pages of the PDF or only selected pages. The resulting PNG images can be downloaded as a single zip file. This tool allows users to convert a single PDF file to PNG format at a time.

♦ **How to use PDF to PNG tool:**

To convert PDF pages to PNG images, select the "PDF to PNG" tool and follow these steps:

1. Click on the "Choose File" button and select or drag and drop the PDF file you want to convert.
2. Select the option to "convert all PDF pages to PNG images" or the option to "select specific pages to convert to PNG images" and click on Next button.
3. If you have selected 'Convert all PDF pages to PNG images', the PDF to PNG conversion starts automatically.
4. If you select 'Select pages to convert to PNG images', a list of all PDF pages is displayed, and you can select the pages to convert to PNG and click 'Start extracting images'.
5. Once the extraction is complete, you can click the Download button to download the extracted PNG images.
6. Finally, download the ZIP archive containing PNG images.

PDF To BMP:

♦ **Description:**

This tool allows users to convert a PDF document to BMP image format. Users can choose to convert all pages of the PDF or only selected pages. The resulting BMP images can be downloaded as a single zip file. This tool allows users to convert a single PDF file to BMP format at a time.

♦ **How to use PDF to BMP tool:**

To convert PDF pages to BMP images, select the "PDF to BMP" tool and follow these steps:

1. Click on the "Choose File" button and select or drag and drop the PDF file you want to convert.
2. Select the option to "convert all PDF pages to BMP images" or the option to "select specific pages to convert to BMP images" and click on Next button.
3. If you have selected "Convert all PDF pages to BMP images", the PDF to BMP conversion starts automatically.
4. If you select 'Select pages to convert to BMP images', a list of all PDF pages is displayed, and you can select the pages to convert to BMP and click 'Start extracting images'.
5. Once the extraction is complete, you can click the Download button to download the extracted BMP images.
6. Finally, download the ZIP archive containing BMP images.

PDF To TIFF:

♦ **Description:**

This tool allows users to convert a PDF document to TIFF image format. Users can choose to convert all pages of the PDF or only selected pages. The resulting TIFF images can be downloaded as a single zip file. This tool allows users to convert a single PDF file to TIFF format at a time.

♦ **How to use PDF to TIFF tool:**

To convert PDF pages to TIFF images, select the "PDF to TIFF" tool and follow these steps:

1. Click on the "Choose File" button and select or drag and drop the PDF file you want to convert.
2. Select the option to "convert all PDF pages to TIFF images" or the option to "select specific pages to convert to TIFF images" and click on Next button.
3. If you have selected "Convert all PDF pages to TIFF images", the PDF to TIFF conversion starts automatically.
4. If you select 'Select pages to convert to TIFF images', a list of all PDF pages is displayed, and you can select the pages to convert to TIFF and click 'Start extracting images'.
5. Once the extraction is complete, you can click the Download button to download the extracted TIFF images.
6. Finally, download the ZIP archive containing TIFF images.

PDF To Word:

♦ **Description:**

Convert PDF documents to Microsoft Word format. Retain the layout of the original document as much as possible, while allowing for minor formatting changes. The tool allows users to select and process one or multiple files at the same time.

♦ **How to use PDF to Word tool:**

To convert PDF document(s) to Word document(s), select the "PDF to Word" tool and follow these steps:

1. Click on the "Choose File" button and select or drag and drop the PDF documents(s) into the tool.
2. Add more files or delete files if necessary.
3. Click on the "Convert to Word" button to start the conversion.

4. Click on the "Download" button to download the PDF file(s).

PDF To PowerPoint:

♦ **Description:**

Convert PDF documents to Microsoft PowerPoint format. Retain the layout and formatting of the original document as much as possible with editing limitations. The tool allows users to select and process one or multiple files at the same time.

♦ **How to use PDF to PowerPoint tool:**

To convert PDF document(s) to PowerPoint presentation(s), select the "PDF to PowerPoint" tool and follow these steps:

1. Click on the "Choose File" button and select or drag and drop the PDF documents(s) into the tool.
2. Add more files or delete files if necessary.
3. Click on the "Convert to PowerPoint" button to start the conversion.
4. Click on the "Download" button to download the PDF file(s).

PDF To TXT:

♦ **Description:**

Convert PDF documents to plain text format. Retain the structure of the original document as much as possible, while excluding any formatting or images. The tool allows users to select and process one or multiple files at the same time.

♦ **How to use PDF to TXT tool:**

To convert PDF document(s) to plain text file(s), select the "PDF to TXT" tool and follow these steps:

1. Click on the "Choose File" button and select or drag and drop the PDF documents(s) into the tool.
2. Add more files or delete files if necessary.
3. Click on the "Convert to TXT " button to start the conversion.

4. Click on the "Download" button to download the PDF file(s).

Note: If you submit a PDF file that only contains images, the resulting plain text file will be empty because the tool relies on text-based content within the PDF to extract the text. Therefore, you need to make sure that PDF file contains text-based content before using the tool to convert it to a plain text file.

PDF To ZIP:

♦ **Description:**

Compress one or more PDF documents into a ZIP archive.

♦ **How to use PDF to ZIP tool:**

To compress one or multiple PDF files into a single ZIP file, select the "PDF to ZIP" tool and follow these simple steps:

1. Click on the "Choose File" button and select or drag and drop the PDF file(s) into the tool.
2. Add more files or delete files if necessary.
3. Click on the "Create ZIP" button to compress PDF file(s) into a single ZIP file.
4. Click on the "Download" button to download the PDF file(s).

Protect PDF:

♦ **Description:**

Set a password to prevent unauthorized access to a PDF document. Chosen password will be used to open the document and to modify it. This tool allows users to unlock a single PDF file at a time.

♦ **How to use Protect PDF tool:**

To protect PDF file, select the "Protect PDF" tool and follow these steps:

1. Click on the "Choose File" button and select or drag and drop the PDF file you want to protect.

2. Fill in the password and confirm password fields and click on the Encrypt button.
3. Click 'Download' to download your Protected PDF.

Unlock PDF:

♦ **Description:**

Remove password protection from a PDF document. The user must provide the correct password to unlock the document. This tool allows users to unlock a single PDF file at a time.

♦ **How to use Unlock PDF tool:**

To unlock PDF file, select the "Unlock PDF" tool and follow these steps:

4. Click on the "Choose File" button and select or drag and drop the PDF file you want to unlock.
5. Fill in the password and confirm password fields and click on the Unlock button.
6. Click 'Download' to download your Unlocked PDF.

Customization

Our PDF tools app has been designed with customization in mind. We understand that different clients have different needs and preferences, so we have made it easy for you to customize certain aspects of the app to fit your specific requirements. Here are the options you can change:

- **title:** The title of the tool as it appears on the corresponding buttons for each tool.
- **description:** A brief description of what the tool does. The description is used to showcase each tool on the index page when displaying the list of all tools.
- **icon:** The icon that appears next to the tool's title on the corresponding buttons.
- **acceptedInputFileMaxSize:** The maximum file size (in bytes) that the tool can accept as input.

- **newFileNameSuffix:** The suffix that will be appended to the filename of the output file generated by the tool.
- **thumbnailImageURL:** The URL of the thumbnail image that will be displayed as the page or the document preview in each tool. This image serves as a preview of the content. It is important to note that for PDF files, the thumbnail is generated using react-pdf library, while for other file types like Word or PowerPoint, Excel, TXT, and TIFF, the thumbnail is provided via the ThumbnailImageURL attribute.

To make changes to these settings, you can modify the **'toolsData'** object literal found in **useToolsData.js** file located in the **hooks folder**. This file contains data for all the tools in the app, making it easy to modify settings across the board. For example, to adjust the maximum file size that a tool can handle, simply edit the **'acceptedInputFileMaxSize'** parameter for that tool in the **'toolsData'** object.

By customizing these aspects of the PDF tools app, you can tailor it to better fit your specific use case.

Note:

It's important to note that while you can customize certain aspects of the PDF tools app, there are some attributes that should not be changed for the app to function correctly. These include:

- **key:** This is a unique identifier for each tool and is used internally by the app to reference the tool. Changing this value could cause errors in the app.
- **href:** This is the URL for the page where the tool is hosted. Changing this value could cause links to break and result in poor user experience.
- **acceptedInputMimeType:** This specifies the MIME type of the file that the tool can accept as input. Changing this value could cause the tool to fail when trying to process certain types of files.
- **outputFileMimeType:** This specifies the MIME type of the output file generated by the tool. Changing this value could cause the tool to generate output files in an incompatible format.
- **URI:** This is the URI for the API endpoint used by the tool. Changing this value could cause the app to fail when trying to communicate with the server.

It's important to exercise caution when making any changes to the 'toolsData' object to ensure that the app continues to function correctly.

Q&As

In case your question isn't answered in the FAQ section, please email me directly your question at dosana.author@gmail.com

Question 01: What are all the available pages?

Answer 01: Available pages in PDF Tools App are:

- Index page (http://localhost:3000/).
- Merge PDF Page (http://localhost:3000/merge-pdf).
- Rotate PDF Page (http://localhost:3000/rotate-pdf-pages).
- Remove Pages Page (http://localhost:3000/remove-pdf-pages).
- Organize PDF Page (http://localhost:3000/organize-pdf-pages).
- Compress PDF Page (http://localhost:3000/compress-pdf).
- Grayscale PDF Page (http://localhost:3000/grayscale-pdf).
- Extract PDF Pages Page (http://localhost:3000/extract-pdf-pages).
- Repair PDF Page (http://localhost:3000/repair-pdf).
- JPG To PDF Page (http://localhost:3000/jpg-to-pdf).
- PNG To PDF Page (http://localhost:3000/png-to-pdf).
- BMP To PDF Page (http://localhost:3000/bmp-to-pdf).
- TIFF To PDF Page (http://localhost:3000/tiff-to-pdf).
- WORD To PDF Page (http://localhost:3000/word-to-pdf).
- PowerPoint To PDF Page (http://localhost:3000/pptx-to-pdf).
- Excel To PDF Page (http://localhost:3000/excel-to-pdf).
- TXT To PDF Page (http://localhost:3000/txt-to-pdf).
- PDF To JPG Page (http://localhost:3000/pdf-to-jpg).
- PDF To PNG Page (http://localhost:3000/pdf-to-png).
- PDF To BMP Page (http://localhost:3000/pdf-to-bmp).
- PDF To TIFF Page (http://localhost:3000/pdf-to-tiff).
- PDF To WORD Page (http://localhost:3000/pdf-to-word).
- PDF To PowerPoint Page (http://localhost:3000/pdf-to-pptx).
- PDF To TXT Page (http://localhost:3000/pdf-to-txt).
- PDF To ZIP Page (http://localhost:3000/pdf-to-zip).
- Protect PDF (http://localhost:3000/protect-pdf).
- Unlock PDF (http://localhost:3000/unlock-pdf).
- About page (http://localhost:3000/about).
- Privacy page (http://localhost:3000/privacy-policy).
- Terms and conditions page (http://localhost:3000/terms-of-use).

- Contact Page (http://localhost:3000/contacts).
- 404 Error Page.

Question 02: Does cPanel support installing the PDF Tools application?

Answer 02: Yes, but only on a VPS (Virtual Private Sever) hosting. Shared hosting does not support installing the PDF Tools application.

Question 03: Is PDF Tool compatible with all browsers?

Answer 03: PDF Tools is compatible with any modern web browser with JavaScript enabled.

Question 04: Is PDF Tool Responsive?

Answer 04: Yes, you can access PDF Tools web app on any device with an internet connection, including desktops, laptops, tablets, and smartphones.

Question 05: Is PDF Tool SEO Friendly?

Answer 05: Yes.

Question 06: Does PDF Tool support multiple languages?

Answer 06: Yes.

Question 07: Does PDF Tools application require subscription to third-party API?

Answer 07: No, PDF Tools does not require any subscription to a third-party API.

Question 08: Does PDF Tools application use any third-party API?

Answer 08: No, PDF Tools does not use any third-party API.

Question 09: How can I change the maximum size for the selected files in each tool?

Answer 09: Please read Customization section the documentation.

Question 10: Where can I add meta data in pages?

Answer 10:

- If you would like to add a meta data in head tag for all pages, you can add it in <Head> component in _app.js file located in pages folder.
- Anything you add in _app.js will automatically be added to all the pages that exist.
- If you would like to add meta data in the head tag in a specific page, you can add it in **Head** component of that page.
- Any meta data you add in any page only will be added to only that page.

Question11: Where is the Nav bar code?

Answer11: The nav component is in Nav.js file located in components folder.

Question12: Where is the footer code?

Answer12: The footer component is in Footer.js file located in components folder.

Question13: Where can I change the main title and description of the page for each page?

Answer13: Main title and description can be changed in header section in each page.

Question14: Where to change the existing CSS styles and add custom styles?

Answer14:

- You can find all CSS files in styles folder.

- You can find global styles in **global.css** file in styles folder, here you can add styles that you will use globally. It is imported in **_app.js** file in pages folder using this line:
import "../styles/global.css";
- I have also used some styles from bootstrap you can find its import line in **_app.js** file in pages folder. It is imported using this line:
import "bootstrap/dist/css/bootstrap.css**";**
- To add/change styles in a specific component. You open the file of that component example **UploadAreaFormStep.js** and you look for the import line, which is importing the styles, in this case it is the line:

  import styles from "../styles/UploadContainer.module.css";

  here **UploadContainer.module.css** is the name of the CSS file from where the styles are imported. You can find it in **styles folder,** and you can edit existing styles there. Please note that if you edit or add styles in **UploadContainer.module.css** file, they will be applied only in the components where it is imported.

  In **UploadAreaFormStep.js** you can use the imported styles by writing **styles.the_name_of_the_class.** Like this:

  className={`${**styles.toolbox**} py-0 mt-0 ${**styles.is_upload**}`}

  py-0 mt-0 here are imported from **global.css** in **_app.js** file, since they are global styles, you can use them directly.

Question15: Where can I place my robots.txt file?

Answer15: You can place your robots.txt file in the public folder.

Question16: Where can I place my sitemap.xml file?

Answer16: You can place your sitemap.xml file in the public folder.

Question17: Where can I place my google search console HTML file?

Answer17: You can place your google search console html file in public folder, or if you used meta tag you can go to pages folder and add it in **_app.js** in **Head** component.

Question18: Where can I change the title and description tags for each page?

Answer18: Title can be changed in **Head** component of each page.

Question19: Where can I place Canonical and Alternate tags?

Answer19: You can place canonical and alternate tags in the **Head** component of each page.

Question20: Where can I change the default language?

Answer20:

− Default language can be edited in the file **next-i18next.config.js**. in **defaultLocale: "en"**, replace **en** with the code of the language that you want to put as default example "**pt**" for Portuguese.
− Also, in **LanguageCountryFlag.js** in components folder, change **"en"** with the code of the language that you want to put as default in **return flags[locale] || flags["en"]**.

Question21: Where can I change flags?

Answer21: URL of the flags images can be changed in **LanguageCountryFlag.js** in components folder.

Question22: Where can I change logo text?

Answer22:

Logo text can be found in **Nav.js** and **Footer.js** files in **components folder**. Search for the words "**PDF**" or "**Tools**" and replace it with your Logo text.

Question23: How to add Google Analytics code?

Answer23:

To learn more about integrating Google Analytics, please refer to the "Google Analytics" section in the documentation.

Question24: Do you provide Google AdSense integration?

Answer24:

We regret to inform you that we do not offer Google AdSense code integration as part of our services.

Question25: Where can I buy the source code?

Answer25:

Source code available under licenses can be found at**:**

https://codecanyon.net/item/pdf-tools-high-quality-pdf-tools-nextjs-react-web-application/44924651

Question25: Can this application be hosted on a Shared Hosting?

Answer25: Shared hosting does not support the installation of the PDF tools app. The PDF Tools app requires the installation of specific dependencies, and shared hosting environments generally have limitations on server customization as they are shared among multiple users. The hosting provider manages the server configuration and imposes restrictions on what can be installed and customized. Therefore, I would not recommend installing the PDF tools app on any shared hosting.

Troubleshooting

If you encounter any issues while using our web app, please refer to the following troubleshooting tips:

- If you are having trouble uploading a PDF file, please make sure that your file is in a supported format and that it meets the size limitations.
- If you are experiencing slow performance, please check your internet connection and make sure that your device meets our system requirements.
- If you are having trouble using specific tools, please make sure that you have installed all required dependencies (Ghostscript, qpdf, jre and libreoffice) and that your web browser is up to date.

- If conversion from pdf to word or PowerPoint to word or any other conversion that uses LibreOffice is not working, please check that JRE 1.8 is correctly installed.
- If you are facing troubles with ghostscript installation on your local machine, depending on which operating system you have, follow Ghostscript installation steps in this blog post. https://blog.finxter.com/the-ultimate-guide-to-installing-ghostscript/. **If you're on windows** you should change the ghostscript executable file name from **GSWIN64.exe** or **GSWIN32.exe** to **gs.exe** (you can find the executable in the folder where your ghostscript is installed on your machine).

If they're unable to resolve an issue on your own, please email me at dosana.author@gmail.com

Technical Documentation

PDF tools app is built using **Next.js**, a popular React framework, and is designed to provide users with a variety of tools to manipulate PDF files. The app is divided into a frontend and backend, with the frontend being responsible for the user interface and the backend handling PDF processing and file conversion.

Technology Stack:

- Programming language: JavaScript
- Framework: Next.js (Version 13.4.5)
- Software:
  - **Node.js** (version 18.18.0 LTS) (Download Link).
  - **Ghostscript** (version 10.01.2). (Download Link, Installation Tutorial).
  - **Libreoffice** (version 7.4.3.2). (Download Link, Installation Guide).
  - **JRE** (1.8 or later) (**Note:** JRE is required for LibreOffice, which is used to manipulate various types of documents in the application. The minimum required version of JRE is 1.8. Please ensure that JRE is installed on your system before running the application) (Download Link).
  - **QPDF** (version 11.2.0) (Download Link, Documentation Link).

Project Structure:

1- Components folder

This folder contains the costume components used in this app.

2- Hooks folder

This folder contains the costume hooks used in this app.

3- Helpers' folder

This folder contains JavaScript code used in this app.

4- Pages folder

This folder contains pages and Api folder containing Api endpoints.

Pages:

Every page in next.js opens with a specific router path in the web browser. You access a page with the file name. (Example: You can access about page in a browser by typing URL http://localhost:3000/about).

API endpoints:

Any file inside the folder pages/api is mapped to /api/* and will be treated as an API endpoint instead of a page. For the list of all the API endpoints, check the API Documentation section.

5- Public folder
− This folder contains public folders and files.
− Locales folder contains translations which are stored in. Json format you can change their content by replacing the initial text value with your text.
− Img folder contains images used in the project.

6- Styles folder

This folder contains the styles used in this app. Used CSS Modules(Link) and followed the [name].module.css file naming convention to add Component-Level CSS(Link) for each component.

− Common CSS between components and index page CSS is in **global.css**
− Some bootstrap classes are also used in this project.

7- next-i18next.config.js file

This file contains the list of all the available languages.

8- Next.config.js file

This file contains custom configuration of Next.js application as well as the environment variables.

Environment variables:

NEXT_PUBLIC_GA_ID: For Google analytics Tracking ID

NEXT_PUBLIC_DOWNLOAD_TIMEOUT: Timeout to stop sending download requests. In case there's no response back after one hour from sending the first download request. Set to 1 hour.

NEXT_PUBLIC_DELETION_TIMEOUT: Timeout to delete saved files from server, if their last edited date has exceeded one hour. Set to 1 hour.

NEXT_PUBLIC_DELETION_INTERVAL_DURATION: Time duration to start checking if files last edited date has exceeded one hour. Set to 1.1 hour

NEXT_PUBLIC_DOWNLOAD_REQUEST_DELAY: Delay between two download requests, sending download request every certain time to check if file is done processing. Set to 5 seconds.

For more information about Next.config.js, please visit Next.js official doc: https://nextjs.org/docs/api-reference/next.config.js/introduction

For more information about Environment-variables, please visit Next.js official doc: https://nextjs.org/docs/api-reference/next.config.js/environment-variables

9- Package.json file

This file holds important metadata about the project and its dependencies. For the full list of the libraries used in this project, please refer to **the Technology Stack** section in the technical documentation.

10- Dockerfile file

This Dockerfile is used to build a containerized environment for running PDF tools application. The Dockerfile installs some additional packages, such as Ghostscript, LibreOffice, JRE 1.8 (Required for LibreOffice) and QPDF, which are necessary for the application to function properly.

Deployment:

Hosting Requirements

Before choosing a hosting provider, it's important to check that:

- The hosting provider supports Next.js framework and provides the necessary server-side dependencies required by the PDF Tools app (Ghostscript, qpdf, JRE and LibreOffice)
- or if **the hosting provider support the installation of these dependencies**
- or **if Docker is supported**.

You can do this by checking their website, contacting their support team for more information, or reviewing their documentation.

Recommended Hosting services

Deployment steps will depend on which hosting Provider you choose to use. Since there are numerous hosting services out there and getting the project up and running can depend on many variables that are specific to the hosting environment. We have compiled a list of recommended hosting services that we have tested including **Digitalocean** and **Render.** We have mentioned deployment tutorial articles for each of the recommended hosting services**.** We have also provided deployment steps for clients who prefer to deploy the app in a **Virtual Private Server with Docker**.

- **VPS (Virtual Private Server):**

    To deploy the app on VPS using Docker follow the same steps in this video: https://youtu.be/4XaaHJjR_F4

Link to commands gist: [Deploying PDF Tools Nextjs app On VPS using Docker, FileZilla, Nginx and Let's Encrypt SSL Certificates (github.com)](#)

PS: In the video I have used Digitalocean droplets, but the deployment steps are the same for every VPS. Once you have the necessary information such as the VPS IP address, login password, and domain name, you can follow this video tutorial to deploy your application on your VPS.

– **Digitalocean App platform:** To deploy the app on digitalocean **App platform** watch this video tutorials: https://youtube.com/playlist?list=PLlkR3jDFtZOSLihkL25S_t59Bw6oGhLwM

– **Digitalocean Droplet:** To deploy the app on digitalocean **Droplet** watch this video tutorial: https://youtu.be/4XaaHJjR_F4

Link to commands gist: [Deploying PDF Tools Nextjs app On VPS using Docker, FileZilla, Nginx and Let's Encrypt SSL Certificates (github.com)](#)

– **Render.com:** If you would like to deploy the app in Render.com (https://render.com/), follow steps explained in section "Deploy as a Node Server ": https://render.com/docs/deploy-nextjs-app#deploy-as-a-node-server

Recommended Web Hosting control panel:
  – **aaPanel:** You can watch this video to install PDF Tools application on your VPS using aaPanel: https://youtu.be/lRpaOoFgejA

If you would like to use a different hosting service, please contact us via email at dosana.author@gmail.com .We will assist you in determining if it is possible to deploy the app on the selected hosting service and provide any necessary guidance.

API Documentation

In this section we will provide documentation for each API endpoint. This will include information about the endpoint's purpose, expected inputs and outputs.

POST /compress-pdf

This endpoint allows you to compress a PDF file. Upon uploading a PDF file and specifying the compression level, the endpoint will save its data to a JSON file and initiate the compression. The endpoint will return a file object containing the JSON file data just after starting the compression process. Once compression is complete, the endpoint will update the file state in the JSON file.

Parameters:

- **file** (required): The PDF file to be compressed.
- **compressionLevel** (required): the compression level (1 or 2 or 3).

Response:

- **Status code:** 200 OK.
- **Response body:** file object containing pdf file data.

POST /bmp-to-pdf

This endpoint allows you to convert a BMP image file to a PDF file. Upon uploading a BMP file and specifying the margin, the orientation and the page size, the endpoint will initiate the conversion process and return the resulting PDF file in base64-encoded format.

Parameters:

- **file** (required): The PDF file to be compressed.
- **Margin:** Margin value (big-margin, small-margin, no-margin).
- **pageOrientation:** Orientation value (landscape, portrait, automatic).
- **pageSize:** Page size value (A4, Letter, fit-to-content).

Response:

- **Status code:** 200 OK.

- **Response body:** PDF file in base64-encoded format.

POST /png-to-pdf

This endpoint allows you to convert a PNG image file to a PDF file. Upon uploading a PNG file and specifying the margin, the orientation and the page size, the endpoint will initiate the conversion process and return the resulting PDF file in base64-encoded format.

Parameters:

- **file** (required): The PDF file to be compressed.
- **Margin:** Margin value (big-margin, small-margin, no-margin).
- **pageOrientation:** Orientation value (landscape, portrait, automatic).
- **pageSize:** Page size value (A4, Letter, fit-to-content).

Response:

- **Status code:** 200 OK.
- **Response body:** PDF file in base64-encoded format.

POST /jpg-to-pdf

This endpoint allows you to convert a JPG image file to a PDF file. Upon uploading a JPG file and specifying the margin, the orientation and the page size, the endpoint will initiate the conversion process and return the resulting PDF file in base64-encoded format.

Parameters:

- **file** (required): The PDF file to be compressed.
- **Margin:** Margin value (big-margin, small-margin, no-margin).
- **pageOrientation:** Orientation value (landscape, portrait, automatic).
- **pageSize:** Page size value (A4, Letter, fit-to-content).

Response:

- **Status code:** 200 OK.
- **Response body:** PDF file in base64-encoded format.

POST /tiff-to-pdf

This endpoint allows you to convert a TIFF image file to a PDF file. Upon uploading a TIFF file and specifying the margin, the orientation and the page size, the endpoint will initiate the conversion process and return the resulting PDF file in base64-encoded format.

Parameters:

- **file** (required): The PDF file to be compressed.
- **Margin:** Margin value (big-margin, small-margin, no-margin).
- **pageOrientation:** Orientation value (landscape, portrait, automatic).
- **pageSize:** Page size value (A4, Letter, fit-to-content).

Response:

- **Status code:** 200 OK.
- **Response body:** PDF file in base64-encoded format.

POST /grayscale-pdf

This endpoint allows you to convert a colored PDF file to a grayscale PDF file. Upon uploading a PDF file, the endpoint will save its data to a JSON file and initiate the conversion process to grayscale. The endpoint will return a file object containing the JSON file data just after starting the conversion process. Once the conversion is complete, the endpoint will update the file state in the JSON file.

Parameters:

- **file** (required): The PDF file to be converted.

Response:

- **Status code:** 200 OK.
- **Response body:** file object containing pdf file data.

POST /repair-pdf

This endpoint allows you to repair a PDF file. Upon uploading a PDF file, the endpoint will save its data to a JSON file and initiate the repair process. The endpoint will return a file object containing the JSON file data just after starting the repair process. Once the repair process is complete, the endpoint will update the file state in the JSON file.

Parameters:

- **file** (required): The PDF file to be repaired.

Response:

- **Status code:** 200 OK.
- **Response body:** file object containing pdf file data.

POST /excel-to-pdf

This endpoint allows you to convert an Excel file to a PDF file. Upon uploading an Excel file, the endpoint will save its data to a JSON file and initiate the conversion process. The endpoint will return a file object containing the JSON file data just after starting the conversion process. Once the conversion is complete, the endpoint will update the file state in the JSON file.

Parameters:

- **file** (required): The excel file to be converted.

Response:

- **Status code:** 200 OK.
- **Response body:** file object containing pdf file data.

POST /word-to-pdf

This endpoint allows you to convert a Word file to a PDF file. Upon uploading a Word file, the endpoint will save its data to a JSON file and initiate the conversion process. The endpoint will return a file object containing the JSON file data just after starting the conversion process. Once the conversion is complete, the endpoint will update the file state in the JSON file.

Parameters:

- **file** (required): The word file to be converted.

Response:

- **Status code:** 200 OK.
- **Response body:** file object containing pdf file data.

POST /pptx-to-pdf

This endpoint allows you to convert a Powerpoint file to a PDF file. Upon uploading a PowerPoint file, the endpoint will save its data to a JSON file and initiate the conversion process. The endpoint will return a file object containing the JSON file data just after starting the conversion process. Once the conversion is complete, the endpoint will update the file state in the JSON file.

Parameters:

- **file** (required): The powerpoint file to be converted.

Response:

- **Status code:** 200 OK.
- **Response body:** file object containing pdf file data.

POST /txt-to-pdf

This endpoint allows you to convert a text file to a PDF file. Upon uploading a Text file, the endpoint will save its data to a JSON file and initiate the conversion process. The endpoint will return a file object containing the JSON file data just after starting the conversion process. Once the conversion is complete, the endpoint will update the file state in the JSON file.

Parameters:

- **file** (required): The text file to be converted.

Response:

- **Status code:** 200 OK.

- **Response body:** file object containing pdf file data.

POST /pdf-to-word

This endpoint allows you to convert a PDF file to a Word file. Upon uploading a PDF file, the endpoint will save its data to a JSON file and initiate the conversion process. The endpoint will return a file object containing the JSON file data just after starting the conversion process. Once the conversion is complete, the endpoint will update the file state in the JSON file.

Parameters:

- **file** (required): The PDF file to be converted.

Response:

- **Status code:** 200 OK.
- **Response body:** file object containing pdf file data.

POST /pdf-to-txt

This endpoint allows you to convert a PDF file to a Text file. Upon uploading a PDF file, the endpoint will save its data to a JSON file and initiate the conversion process. The endpoint will return a file object containing the JSON file data just after starting the conversion process. Once the conversion is complete, the endpoint will update the file state in the JSON file.

Parameters:

- **file** (required): The PDF file to be converted.

Response:

- **Status code:** 200 OK.
- **Response body:** file object containing pdf file data.

POST /pdf-to-pptx

This endpoint allows you to convert a PDF file to a PowerPoint file. Upon uploading a PDF file, the endpoint will save its data to a JSON file and initiate the conversion process. The endpoint will return a file object containing the JSON file data just

after starting the conversion process. Once the conversion is complete, the endpoint will update the file state in the JSON file.

Parameters:

- **file** (required): The PDF file to be converted.

Response:

- **Status code:** 200 OK.
- **Response body:** file object containing pdf file data.

POST /pdf-to-png

This endpoint allows you to convert a PDF file to PNG Images. Upon uploading a PDF file, the endpoint will save its data to a JSON file and initiate the conversion process. The endpoint will return a file object a file object containing the JSON file data just after starting the conversion process. Once the conversion is complete, the endpoint will group the images in a ZIP file and update the file state in the JSON file.

Parameters:

- **file** (required): The PDF file to be converted.

Response:

- **Status code:** 200 OK.
- **Response body:** file object containing pdf file data.

POST /pdf-to-jpg

This endpoint allows you to convert a PDF file to JPG Images. Upon uploading a PDF file, the endpoint will save its data to a JSON file and initiate the conversion process. The endpoint will return a file object containing the JSON file data just after starting the conversion process. Once the conversion is complete, the endpoint will group the images in a ZIP file and update the file state in the JSON file.

Parameters:

- **file** (required): The PDF file to be converted.

Response:

- **Status code:** 200 OK.
- **Response body:** file object containing pdf file data.

POST /pdf-to-bmp

This endpoint allows you to convert a PDF file to BMP Images. Upon uploading a PDF file, the endpoint will save its data to a JSON file and initiate the conversion process. The endpoint will return a file object containing the JSON file data just after starting the conversion process. Once the conversion is complete, the endpoint will group the images in a ZIP file and update the file state in the JSON file.

Parameters:

- **file** (required): The PDF file to be converted.

Response:

- **Status code:** 200 OK.
- **Response body:** file object containing pdf file data.

POST /pdf-to-tiff

This endpoint allows you to convert a PDF file to TIFF Images. Upon uploading a PDF file, the endpoint will save its data to a JSON file and initiate the conversion process. The endpoint will return a file object in a file object containing the JSON file data just after starting the conversion process. Once the conversion is complete, the endpoint will group the images in a ZIP file and update the file state in the JSON file.

Parameters:

- **file** (required): The PDF file to be converted.

Response:

- **Status code:** 200 OK.
- **Response body:** file object containing pdf file data.

POST /extract-pdf-pages

This endpoint allows you to extract specific pages from a PDF file and create a new PDF file containing only the desired pages. Upon uploading a PDF file and specifying an extraction option, the endpoint will save the PDF file data to a JSON file and initiate the extraction process. The extraction process will create a new PDF file that contains only the specified pages, which can be either odd pages, even pages, or selected pages. If the selected pages option is selected, a selected indexes array containing the indexes of the desired pages must also be provided. Once the extraction is complete, the endpoint will update the file state in the JSON file.

Parameters:

- **file** (required): The PDF file to extract pages from.
- **extractionOption**: Extraction option value (EXTRACT_ODD_PAGES, EXTRACT_EVEN_PAGES, EXTRACT_SELECTED_PAGES).
- **selectedIndexesArray:** Array containing the indexes of the desired pages.

Response:

- **Status code:** 200 OK.
- **Response body:** file object containing pdf file data.

POST /protect-pdf

This endpoint allows you to protect a PDF file with a password. Upon uploading a PDF file and specifying a password, the endpoint will save the PDF file data to a JSON file and initiate the protection process. The protection process will encrypt the PDF file with the specified password, which will prevent unauthorized access and ensure the security of the PDF file. The endpoint will return a file object containing the JSON file data just after starting the protection process. Once the protection is complete, the endpoint will update the file state in the JSON file.

Parameters:

- **file** (required): The PDF file to be protected.
- **password**: the password to protect the pdf file will be used for both owner password and user password.

Response:

- **Status code:** 200 OK.
- **Response body:** file object containing pdf file data.

POST /unlock-pdf

This endpoint allows you to unlock a PDF file that has been protected with a password. Upon uploading a protected PDF file and specifying the password used to protect it, the endpoint will save the PDF file data to a JSON file and initiate the unlocking process. The unlocking process will remove the password protection from the PDF file, which will allow the user to access and view the PDF file without a password. The endpoint will return a file object containing the JSON file data just after starting the unlocking process. Once the unlocking is complete, the endpoint will update the file state in the JSON file.

Parameters:

- **file** (required): The PDF file to be unlocked.
- **password**: the password to unlock the pdf file. Will be used for both owner password and user password.

Response:

- **Status code:** 200 OK.
- **Response body:** file object containing pdf file data.

POST /check-processing

This endpoint allows you to check if a PDF file uploaded to the server has finished processing. Upon uploading a PDF file using one of the other endpoints (**except the endpoints**: /jpg-to-pdf, /png-to-pdf, /bmp-to-pdf, /tiff-to-pdf), the server will save the PDF file data to a JSON file and initiate a processing process. This processing

process may take some time to complete, depending on the size and complexity of the processed file. Once the processing is complete, the server will update the status of the processed file in the JSON file. When you use the check-processing endpoint with the corresponding file object, the endpoint will check the status of the PDF file in the JSON file. If the PDF file has been processed, the endpoint will return a response indicating that the processing is complete and returns the processed file in base64-encoded format. If the PDF file has not been processed yet, the endpoint will return a response indicating that the processing is still in progress.

Parameters:

- **file** (required): Object containing pdf file data.

Response:

- **Status code:** 200 OK.
- **Response body:**
  - **status**: A string indicating the status of the response. In this case, it will be "processed" if the file was successfully processed.
  - **processedFile**: A base64-encoded string representing the contents of the processed file.

Google analytics

The script for Google Analytics is already in place. All you need to do is add your google analytics id code. For that, open **next.config.js** file, then search for **NEXT_PUBLIC_GA_ID** and add your ID as value of **NEXT_PUBLIC_GA_ID** like this: **NEXT_PUBLIC_GA_ID: "your_google_analytics_tracking_id",**

Note:

To start collecting analytics data, you simply need to deploy the application on a server with the Google Analytics code.

Multiple Languages Support

- The translations are in the **locales** folder located in the **public** folder.
- Translations are stored in .Json format you can change their content by replacing the initial text with your text.
- For more information about how internationalization is configured, please watch this video: [Full walkthrough.](#) When reaching the section where it is explained how to add text strings, you can follow same steps to add new text on your pages.
- The languages modal is in **LangModal.js** file in **components** folder.
- The list of all the available languages (languages codes) can be found in **next-i18next.config.js**
- Using Nextjs Static Generation, a version of each page will be generated for each language.
- For more information you can check the explanations in the section "Dynamic Routes and getStaticProps Pages" following this [Link.](#)

Limitations

In this section, we will discuss the limitations of PDF tools application. It's important to be aware of these limitations to ensure that you can make informed decisions when using the application.

- **Limitations in repairing damaged PDF files:**

Please note that our application uses Ghostscript to repair damaged or corrupted PDF files. While Ghostscript can often fix common issues such as missing fonts or damaged structures, it may not be able to repair more complex issues or data corruption. Additionally, some repairs may cause loss of content or formatting in the repaired file. We recommend keeping a backup of the original PDF file before attempting any repairs, and testing the repaired file thoroughly to ensure it meets your needs. Therefore, we cannot guarantee that every damaged PDF file can be repaired using our tool. If the file cannot be repaired, try using a different tool or contacting a professional PDF repair service.