

PDF To DXF file converter

Step 1

UI - Method - POST

OLD URL - <http://pdf.zunamelt.com/pdftodxf/uploads/>

NEW URL - <https://htmltopdf.zunamelt.com/pdftodxf/uploads/>

Input fields - Pdfurl, Pdffilename

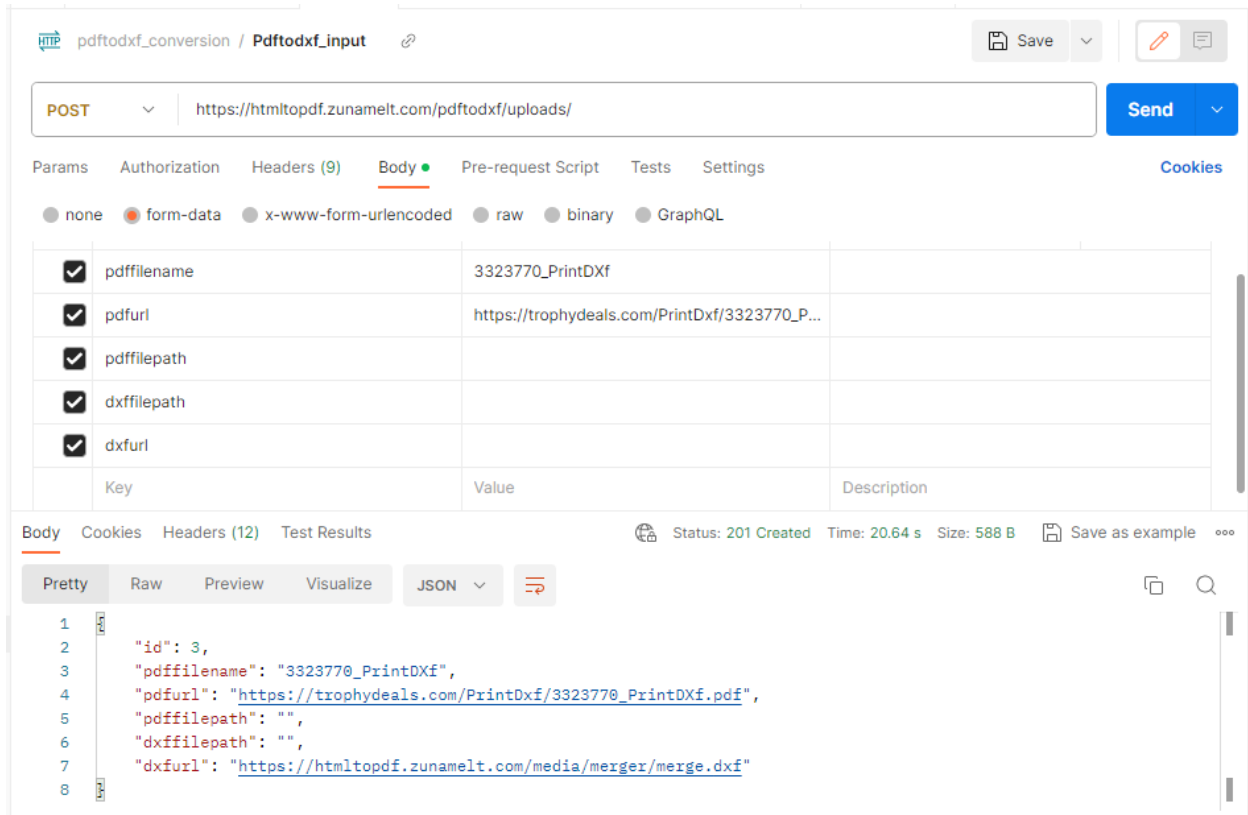
Note - while using the (form data) post method. We need to pass other fields as empty value as shown in this below picture

The screenshot displays a Django REST framework interface for a PDF to DXF conversion API. The interface is titled "Django REST framework" and shows a "POST" method. The form is titled "Raw data" and "HTML form". The form fields are:

- Pdffilename**: 336212_PrintDXf
- Pdfurl**: https://trophydeals.com/PrintDxf/336212_PrintDXf.pdf
- Pdffilepath**: (empty)
- Dxffilepath**: (empty)
- Dxfurl**: (empty)

A "POST" button is located at the bottom right of the form.

Postman - Method - POST



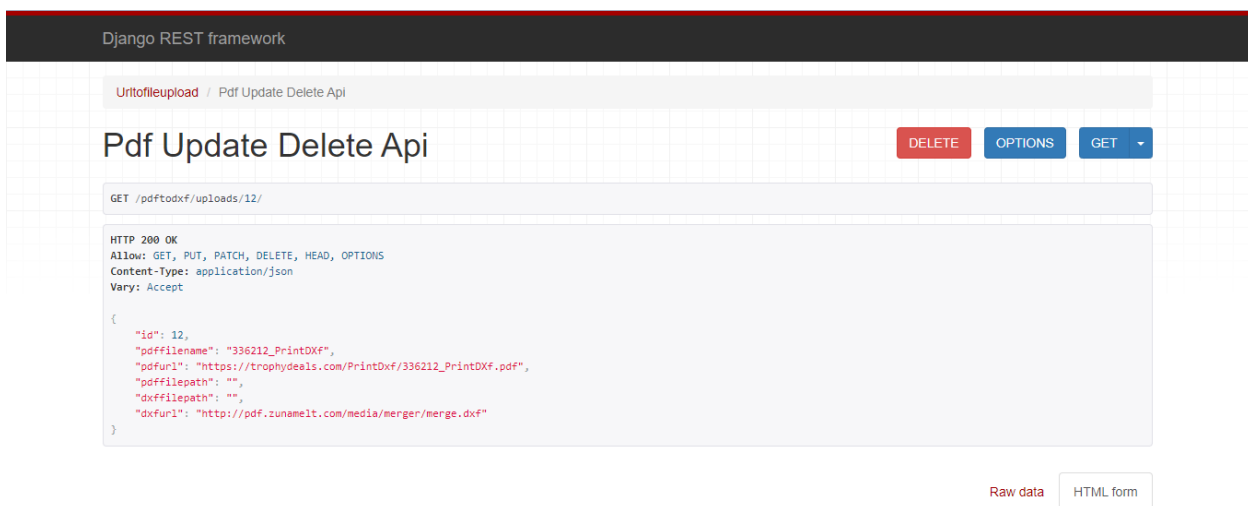
Step 2

OLD URL - <http://pdf.zunamelt.com/pdftodxf/uploads/id>

NEW URL - <https://htmltopdf.zunamelt.com/pdftodxf/uploads/>

Input fields - Pdfurl, Pdffilename

Note - while using the (form data) post method. We need to pass other fields as empty value as shown in this below picture



Step 3

We can download a dxf file from dxffurl and proceed further.

Working Procedures

PDF to DXF conversion process

1. UI - Downloading a file:

When the user provides a URL, implement a function to download the file from the URL.
Allow the user to specify the target folder where the downloaded file should be saved.

2. Detecting single page or multiple pages in a PDF:

Implement a PDF parsing function to determine the number of pages in the PDF file.
If there is only one page, proceed to step 2a. If there are multiple pages, proceed to step 2b.

2a. Single-page PDF conversion to DXF:

Implement a condition to check if it's a single-page PDF.
If true, perform the DXF conversion for the single page.
Store the converted DXF file in a relevant folder.

2b. Multiple-page PDF conversion to DXF:

Implement a condition to check if it's a multiple-page PDF.
Iterate through each page of the PDF, performing individual page-to-DXF conversions.
Store each converted DXF file in a relevant folder.

3. Merging DXF files with a static file name:

Identify the static file name from the stored DXF input files.
Implement a merging function to combine all the DXF files into a single output file.
Save the merged DXF file with a relevant name or in a specified output folder.