

Extricator

<https://www.neuralwave.ai/>

Introduction

- Extricator is an automated OCR platform for processing invoices, bills, and receipts.
- It retrieves organized and comprehensive data, sorting it into lists and tables generated from OCR-processed invoices.
- The platform automates the parsing and processing of invoices, receipts, and forms.
- When users upload files, Extricator extracts and processes the data, presenting the output as key-value pairs.
- Users can download the extracted data in Excel format.
- The platform also allows users to update mappings and save custom models and configurations.
- This platform uses advanced computer vision and Natural Language Processing (NLP), it employs React.js to create an intuitive interface.
- PDF parsing is used to process and extract data from PDF documents like invoices, bills, and receipts.
- Used Generative Ai for improving various aspects of the platform, making it smarter and more efficient.
- Document AI is used for processing and understanding documents.

Tech Stack



Technology	Version	Description
React	17.0.0	Used for website front end related tasks.
Python / Django	3.8.10	Django is a Python Web framework which is use to create web app and write business logics.
JQuery	3.4	jQuery was used to simplify HTML DOM tree traversal and manipulation, as well as event handling, CSS animation, and Aja
MongoDB	4.2	MongoDB is used as a primary database.
PDF Parsing	-	wkhtmltopdf to render HTML into PDF
JsPlumb	2.9.0	JsPlumb was used for building connectivity based applications, such as flowcharts, process flow diagrams
Doc AI	V1beta3	processing and understanding document

Application Flow



CAP Dashboard

Log Out




DATA EXTRACTION SIMPLIFIED WITH MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE

Extricator combines AI-powered data capture with Cognitive Process Automation to make invoice processing more efficient and intelligent.

Dashboard


Dashboard Processing Page for Form





EXTRICATOR


Your Organization

Oodles

 Processing

 To Review

 Parsed

 Deleted

This is only the account bill's amount

42.35\$

Pay Now

Form

Invoice









Receipt

Sort by :

Sort By

Document Uploaded Successfully

Search


Files	Received at	Modified at	Status
 form3.pdf	Tue Jul 02 2024 17:50:29	Tue Jul 02 2024 17:50:29	PROCESSING
 form3.pdf	Tue Jul 02 2024 18:41:00	Tue Jul 02 2024 18:41:00	PROCESSING
 form2.pdf	Wed Jul 03 2024 09:54:22	Wed Jul 03 2024 09:54:22	PROCESSING
 form3.pdf	Wed Jul 03 2024 10:03:05	Wed Jul 03 2024 10:03:05	PROCESSING
 form3.pdf	Wed Jul 03 2024 10:38:02	Wed Jul 03 2024 10:38:02	PROCESSING
 form3.pdf	Wed Jul 03 2024 10:41:26	Wed Jul 03 2024 10:41:26	PROCESSING
 Invoice - 0001 (1)(1).pdf	Fri Aug 09 2024 15:00:32	Fri Aug 09 2024 15:00:32	PROCESSING
 form.pdf	Fri Aug 09 2024 17:48:17	Fri Aug 09 2024 17:48:17	PROCESSING

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Go to Page

Go


Dashboard Processing Page- After uploading Document goes to review section where one can review the document





EXTRICATOR


Your Organization


Oodles

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 To Review

 Parsed

 Rejected

 Deleted

This is only the account bill's amount

42.35\$

Pay Now


Form

Invoice


Receipt




Sort by :

Sort By

 User 1

Q Search




Files	Received at	Modified at	Status
 Invoice.pdf	Tue Jul 02 2024 18:11:58	Tue Jul 02 2024 18:11:58	PROCESSING
 Invoice.pdf	Tue Jul 02 2024 18:14:32	Tue Jul 02 2024 18:14:32	PROCESSING
 Invoice - 0001.pdf	Fri Aug 09 2024 15:01:34	Fri Aug 09 2024 15:01:34	PROCESSING

Page 01 of 1

Go to Page

Go


After Parsing Document can be viewed, deleted and downloaded as spreadsheet





EXTRICATOR


Your Organization


Oodles

 Processing

 To Review

 **Parsed**

 Rejected

 Deleted

This is only the account bill's amount

42.35\$

Pay Now

FormInvoiceReceipt

Calendar icon

Sort by : Sort By

User 1

Search on : File

Search

✓ Parsed

Exported


Vendor name

Software Service Provider (no address)


Page 01 of 1 Go to Page Go

Files	Received at	Modified at	Delete	Download	Download .xls
<input type="checkbox"/> receipt_66792b826d8...	Fri Jun 28 2024 10:08...	Wed Jul 03 2024 09:4...	Delete	Downlo...	Download .xls
<input type="checkbox"/> no name (sec 48 Gurugram . Haryana)					

Parsing Result


EXTRICATOR

[← Back](#) [Download](#)

 User 1

form.pdf

Keys & Values [Add key](#)

Account Number - 2 3 4 5 6 7 6 5 4

Account Type - SAVING

Address - ABC, DEF INDIA

Amount Paid - Part 1 300.00

Branch - GURUGRAM


Customer Bank Name - SBI

Customer Date of Birth - 12/02/2014


Customer Mobile Cu... - 2 3 4 5 6 7 8 7 6 5

Customer Name Cus... - DUMMY

Date - 28/06/2024



Sample Fillable PDF Form



Hello!

This is a sample fillable PDF form by Mangrol Multimedia Limited. We can convert any PDF form like this. Your customers can simply download it or even fill up all requisite details online. A fillable PDF form saves time, stationery, ensures accurate data collection and even help you save, access and evaluate data in the simplest way.

Basic Information

Customer Name Customer

Address

Pin Code


Customer Mobile Customer Customer Date of Birth

email Customer Website

Returning Customer ☒ Yes ☐ No Enquiry For

Amount Paid Total


If the Document is somehow not parsed it will go under Rejected section





EXTRICATOR


Your Organization


Oodles

 Processing

 To Review

 Parsed

 **Rejected**

 Deleted

This is only the account bill's amount

42.35\$

Pay Now

Form

Invoice

Receipt


Select Model

Parse

Files	Received at	Modified at	Delete	Download
<input type="checkbox"/> Invoice.pdf	Wed Jul 03 2024 09:4...	Wed Jul 03 2024 09:4...	Delete	Download
<input type="checkbox"/> Invoice.pdf	Tue Jul 02 2024 18:36...	Tue Jul 02 2024 18:39...	Delete	Download
<input type="checkbox"/> Invoice.pdf	Tue Jul 02 2024 18:19...	Tue Jul 02 2024 18:31...	Delete	Download

Page 01 of 1 Go to Page Go


Deleted Files will be visible in Deleted section





EXTRICATOR


Your Organization


Oodles

 Processing

 To Review

 Parsed

 Rejected

 Deleted

This is only the account bill's amount

42.35\$

Pay Now

FormInvoiceReceipt

Search on: File

Search

Sort by: Sort By

User 1

DeletedRejected

Vendor name

Oodles technologies (welldone tech park sec 48, gurugram)

company.pvt.ltd (no address)

Oodles Technologies (no address)

Software tech (Welldone Techpark Gurugram, Haryana 122001)