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IPDR Parser (api)

Overview

This Wiki page provides essential information about the project and its setup. It covers package installations, instructions on running the code, and includes screenshots to help you get started.

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DOWNLOAD AND EXTRACT THIS ZIP FILE

🔖 **IPDR_Parser__API_.zip**

Once you extract all the files in your pc, **Navigate to the project directory:**

```
cd your-project
```

Necessary Packages Installation

```
pip install fastapi
```

```
pip install uvicorn
```

```
pip install pandas
```

```
pip install requests
```

```
pip install numpy
```

```
pip install pydantic
```

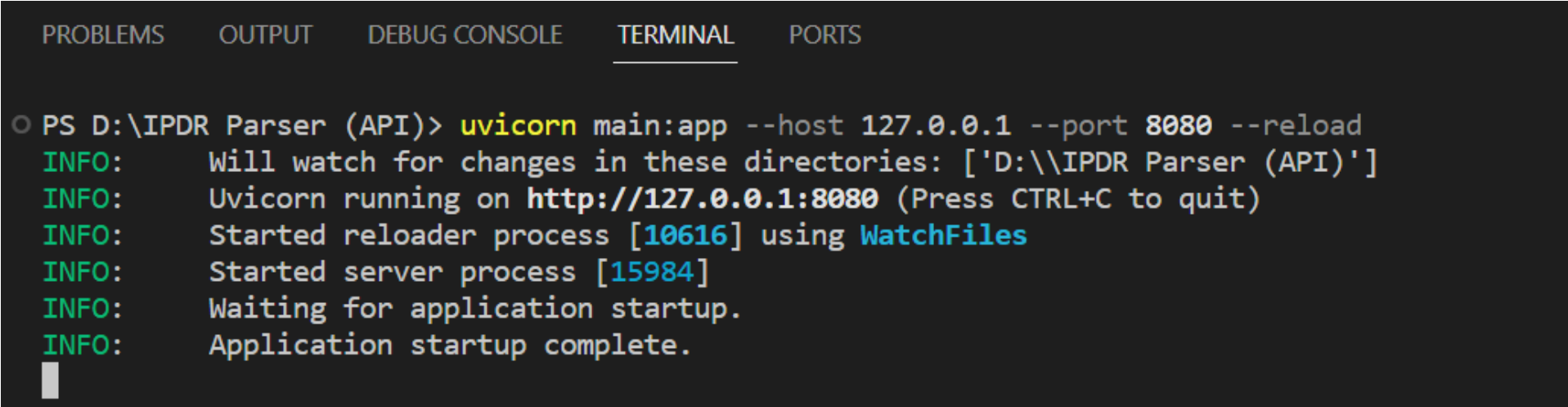## Run the FastAPI application using uvicorn:

```
uvicorn main:app --reload
```

or

```
uvicorn main:app --host 127.0.0.1 --port 8080 --reload
```

Then go to http://127.0.0.1:8080/docs#/default on ypuur browser

Screenshots

Follow this link on your browser

Go to upload option

FastAPI `0.1.0` `OAS 3.1`

/openapi.json

default ⌃

POST	/upload/ Upload File	⌄

GET	/download/{file_path} Download File	⌄

Choose API

POST	/upload/ Upload File	⌃

Parameters   `Cancel`   `Reset`

Name	Description
use_ipregistry **boolean** *(query)*	true ⌄ -- **true** false

Choose the file and hit the execute button

Request body required   multipart/form-data ⌄

file * required
string($binary)   `Choose File` Example- VodaphoneIdea.csv

Execute

Once parsing is done you get the token id

Responses

Curl

```
curl -X 'POST' \
  'http://127.0.0.1:8080/upload/?use_ipregistry=true' \
  -H 'accept: application/json' \
  -H 'Content-Type: multipart/form-data' \
  -F 'file=@Example- VodaphoneIdea.csv;type=text/csv'
```

Request URL

```
http://127.0.0.1:8080/upload/?use_ipregistry=true
```

Server response

Code	Details
200	**Response body**

```
{
  "message": "File uploaded and processed successfully",
  "token": "02d84c8562194851acaf5a2424af9957"
}
```

Response headers

```
content-length: 97
content-type: application/json
date: Fri,08 Sep 2023 10:52:24 GMT
server: uvicorn
```

Responses

Use your Token id to download generated parsed file

GET `/download/{file_path}` Download File

Parameters

Cancel

Name	Description
token * required string (query)	`02d84c8562194851acaf5a2424af9957`

Execute

Download your file

Curl

```
curl -X 'GET' \
  'http://127.0.0.1:8080/download/{file_path}?token=02d84c8562194851acaf5a2424af9957' \
  -H 'accept: application/json'
```

Request URL

```
http://127.0.0.1:8080/download/{file_path}?token=02d84c8562194851acaf5a2424af9957
```

Server response

Code	Details
200	**Response body**
	Download file
	Response headers

```
content-disposition: attachment; filename=parsed_ipdr.csv
content-length: 68448
content-type: application/vnd.ms-excel
date: Fri,08 Sep 2023 10:54:24 GMT
etag: 91a42ddfdb33116dafe1de22fad52930
last-modified: Fri,08 Sep 2023 10:52:44 GMT
server: uvicorn
```

Responses