

Deploy DataParrots Web Application on Windows

Contents

Prerequisites.....	1
Install DataParrots Web Application.....	1
Configure DataParrots Web Application.....	1
Start DataParrots Web Application.....	2

Prerequisites

1. Download and Install Python3.9.x (<https://www.python.org/downloads/windows/>)
2. Download and install latest version of vc-redist from here (<https://learn.microsoft.com/en-us/cpp/windows/latest-supported-vc-redist?view=msvc-170>)
3. Download and install Microsoft ODBC Driver 17 for SQL Server from here (<https://learn.microsoft.com/en-us/sql/connect/odbc/download-odbc-driver-for-sql-server?view=sql-server-2017>)

Install DataParrots Web Application

1. Download DataParrots Web Application zip file. The zip file contains DataParrots application files and a nginx web server.
2. Install DataParrots Web Application:
 1. Unzip the zip file content to c:\dataparrots folder. (You can choose a different folder, but make sure you configure the nginx.conf file and start.bat file with the name of the folder. Reference instructions below)
3. Install Python libraries dependencies
 1. Open a Command console
 2. Enter to the home directory

```
cd c:\dataparrots\dataparrots_backend (or to the folder you have chosen)
```
 3. Install dependencies

```
pip install -r requirements.txt
```

Configure DataParrots Web Application

1. Modify the .env file in the `c:\dataparrots\dataparrots_backend\conf` folder (or the folder you have chosen)

API_USER_NAME	The account name registered with dataparrots.com. The account name and password are used to authenticate against web services at api.dataparrots.com.
API_PASSWORD	The account password registered with dataparrots.com. The account name and password are used to authenticate against web services at api.dataparrots.com.
LOCAL_DOMAIN	The domain name or IP address to access DataParrots Web Application
SECRET_KEY	Any string. It is an encryption key used for internal communications

2. If you chosen your own folder to deploy DataParrots, modify nginx configuration file at `c:\dataparrots\dataparrots_frontend\conf\nginx.conf`

```
server {
    listen 80;                #port number to access DataParrots Web Application
    # Enter the domain name or IP address to access DataParrots Web Application
    server_name localhost;
    location /api/ {
        proxy_pass http://127.0.0.1:8081;
    }
    location / {
        # The path of web site. If folder changed to something other than c:/dataparrots,
        # then replace c:/dataparrots with that folder.
        root C:/dataparrots/dataparrots_frontend/dataparrots_web;
        index index.html index.htm;
    }
    error_page 500 502 503 504 /50x.html;
    location = /50x.html {
        root html;
    }
}
```

Start DataParrots Web Application

1. Execute `c:\dataparrots\start.bat`
2. Login to DataParrots Web Application as “admin”, default password is “admin”
 - a. Change “admin” password

- b. Edit “admin” user’s email address. This email must be valid. It will be used as verification in case you lose your password.