Deploy DataParrots Web Application using container

Using Docker image to depoy DataParrots Web Application is straightforward. It supports both Linux and Windows operating system.

Contents

Prerequisites

1. Install docker and docker-compose
2. To verify installation success, Execute the following commands. If the command returns with version number, then the installation is successful
   a. docker -v
   b. docker-compose version (or docker compose version)

Deploy DataParrots Web Application

1. Download dataparrots_docker_deploy and unpack to <dataparrots_path>. dataparrots_path is the home path you choose to host DataParrots container.
2. Configure .env file, located at <dataparrots_path>\dataparrots_docker_deploy\conf\.env

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

3. Configure docker-compose.yml file, located at <dataparrots_path>\dataparrots_docker_deploy\ docker-compose.yml

```
version: '3'
services:
  webapp:
    image: dataparrots/dataparrots:v1.0.0
    container_name: dataparrots_app
    ports:
      - "80:80"
    volumes:
      - <dataparrots_path> \dataparrots_docker_deploy\conf:/usr/src/app/conf
      - <dataparrots_path> \dataparrots_docker_deploy\SQLitedb:/usr/src/app/SQLiteDB
```

Sample path when adding a SQLite database： /usr/src/app/SQLiteDB/test.sqlite

Start DataParrots Web Application

1. Create and start the container

   cd <dataparrots_path>\dataparrots_docker_deploy\
   docker-compose up   #create and start the container, ctrl+C to stop the container

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.