

# Docker - Serveur WEB

Documentation des conteneurs docker déployé pour le projet SIGACS pour le fonctionnement du serveur WEB

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# Docker compose

## docker-compose.yml

```
# =====
# Parc - Stack du serveur WEB
# =====
#
# Services:
#   caddy      - serveur web
#   db         - serveur de base de données
#   php        - interpréteur php
#   phpmyadmin - Interface web d'administration MySQL
#
# =====

services:
  # -----
  # Caddy
  # -----
  caddy:
    image: caddy:2.11
    container_name: caddy
    restart: unless-stopped
    ports:
      - "80:80"
      - "443:443"
      - "443:443/udp"
    volumes:
      - /etc/docker/volumes/caddy/conf:/etc/caddy
      - /etc/docker/volumes/caddy/site:/srv
      - caddy_data:/data
      - caddy_config:/config

    depends_on:
      - php
      - db

  # -----
  # Serveur MySQL
  # -----

  db:
    image: mysql:latest
    container_name: caddy-db
    restart: unless-stopped
    ports:
      - "3306:3306"
    environment:
      - MYSQL_ROOT_PASSWORD=stjolorient
      - MYSQL_DATABASE=user_base
      - MYSQL_USER=caddy
```

```
- MYSQL_PASSWORD=caddy
volumes:
- /etc/docker/volumes/caddy/caddy-db:/var/lib/mysql
```

```
# -----
# Interpréteur PHP
# -----
```

```
php:
  container_name: php
  restart: always
  build: ./php
  volumes:
    - /etc/docker/volumes/caddy/site:/srv
```

```
# -----
# PHPMyAdmin
# -----
```

```
phpmyadmin:
  image: phpmyadmin
  restart: always
  ports:
    - 8080:80
  environment:
    - PMA_ARBITRARY=1
    - PMA_HOST=caddy-db
    - PMA_PORT=3306
    - APACHE_PORT=33060
  depends_on:
    - db
    - caddy
```

```
# -----
# Volumes
# -----
```

```
volumes:
  caddy_data:
  caddy_config:
```

Caddy

# MySQL

# Certificats