

matomo

- https://hub.docker.com/_/matomo
- <https://github.com/matomo-org/docker/tree/master/examples/nginx>

Installation

Die folgende Konfiguration legt eine mariadb, die app und das Webinterface unter nginx an. Die matomo Konfiguration liegt dann unter:

```
/var/lib/docker/volumes/matomo_matomo/_data/config/config.ini.php
```

Im Verzeichnis /home/cs/matomo drei Dateien anlegen.

++++ docker-compose.yaml |

[docker-compose.yaml](#)

```
version: "3"

services:
  db:
    image: mariadb:10.11
    command: --max-allowed-packet=64MB
    restart: always
    volumes:
      - db:/var/lib/mysql:Z
    environment:
      - MYSQL_ROOT_PASSWORD=<PASSWORD>
      - MARIADB_AUTO_UPGRADE=1
      - MARIADB_DISABLE_UPGRADE_BACKUP=1
    env_file:
      - ./db.env

  app:
    image: matomo:fpm-alpine
    restart: always
    links:
      - db
    volumes:
      # - ./config:/var/www/html/config:z
      # - ./logs:/var/www/html/logs:z
      - matomo:/var/www/html:z
    environment:
      - MATOMO_DATABASE_HOST=db
      - PHP_MEMORY_LIMIT=2048M
    env_file:
      - ./db.env
```

```
web:
  image: nginx:alpine
  restart: always
  volumes:
    - matomo:/var/www/html:z,ro
    # see https://github.com/matomo-org/matomo-nginx
    - ./matomo.conf:/etc/nginx/conf.d/default.conf:z,ro
  ports:
    - 8083:80

volumes:
  db:
  matomo:
```

++++

++++ db.env |

db.env

```
MYSQL_PASSWORD=<PASSWORD>
MYSQL_DATABASE=matomo
MYSQL_USER=cs
MATOMO_DATABASE_ADAPTER=mysql
MATOMO_DATABASE_TABLES_PREFIX=matomo_
MATOMO_DATABASE_USERNAME=cs
MATOMO_DATABASE_PASSWORD=<PASSWORD>
MATOMO_DATABASE_DBNAME=matomo
MARIADB_AUTO_UPGRADE=1
MARIADB_INITDB_SKIP_TZINFO=1
```

++++

++++ matomo.conf |

matomo.conf

```
upstream php-handler {
    server app:9000;
}

server {
    listen 80;

    add_header Referrer-Policy origin; # make sure outgoing links don't
    show the URL to the Matomo instance
    root /var/www/html; # replace with path to your matomo instance
    index index.php;
    try_files $uri $uri/ =404;
```

```
## only allow accessing the following php files
location ~
^/(index|matomo|piwik|js/index|plugins/HeatmapSessionRecording/configs)
.php {
    # regex to split $uri to $fastcgi_script_name and $fastcgi_path
    fastcgi_split_path_info ^(.+\.(php))(/.+)$;

    # Check that the PHP script exists before passing it
    try_files $fastcgi_script_name =404;

    include fastcgi_params;
    fastcgi_param SCRIPT_FILENAME
$document_root$fastcgi_script_name;
    fastcgi_param PATH_INFO $fastcgi_path_info;
    fastcgi_param HTTP_PROXY ""; # prohibit httpoxy:
https://httpoxy.org/
    fastcgi_pass php-handler;
}

## deny access to all other .php files
location ~* ^.+\.php$ {
    deny all;
    return 403;
}

## disable all access to the following directories
location ~ /(config|tmp|core|lang) {
    deny all;
    return 403; # replace with 404 to not show these directories
exist
}
location ~ /\.ht {
    deny all;
    return 403;
}

location ~ js/container.*_preview\.js$ {
    expires off;
    add_header Cache-Control 'private, no-cache, no-store';
}

location ~
\.(gif|ico|jpg|png|svg|js|css|htm|html|mp3|mp4|wav|ogg|avi|ttf|eot|woff
|woff2|json)$ {
    allow all;
    ## Cache images,CSS,JS and webfonts for an hour
    ## Increasing the duration may improve the load-time, but may
cause old files to show after an Matomo upgrade
    expires 1h;
    add_header Pragma public;
    add_header Cache-Control "public";
```

```
}

location ~ /(libs|vendor|plugins|misc/user) {
    deny all;
    return 403;
}

## properly display textfiles in root directory
location ~/(.*\.md|LEGALNOTICE|LICENSE) {
    default_type text/plain;
}

}

# vim: filetype=nginx
```

++++

GeoLocation

- [Setting up accurate visitors geolocation](#)
- [Server: Einrichtung](#)
- [IP2Location.io Subscription](#)

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