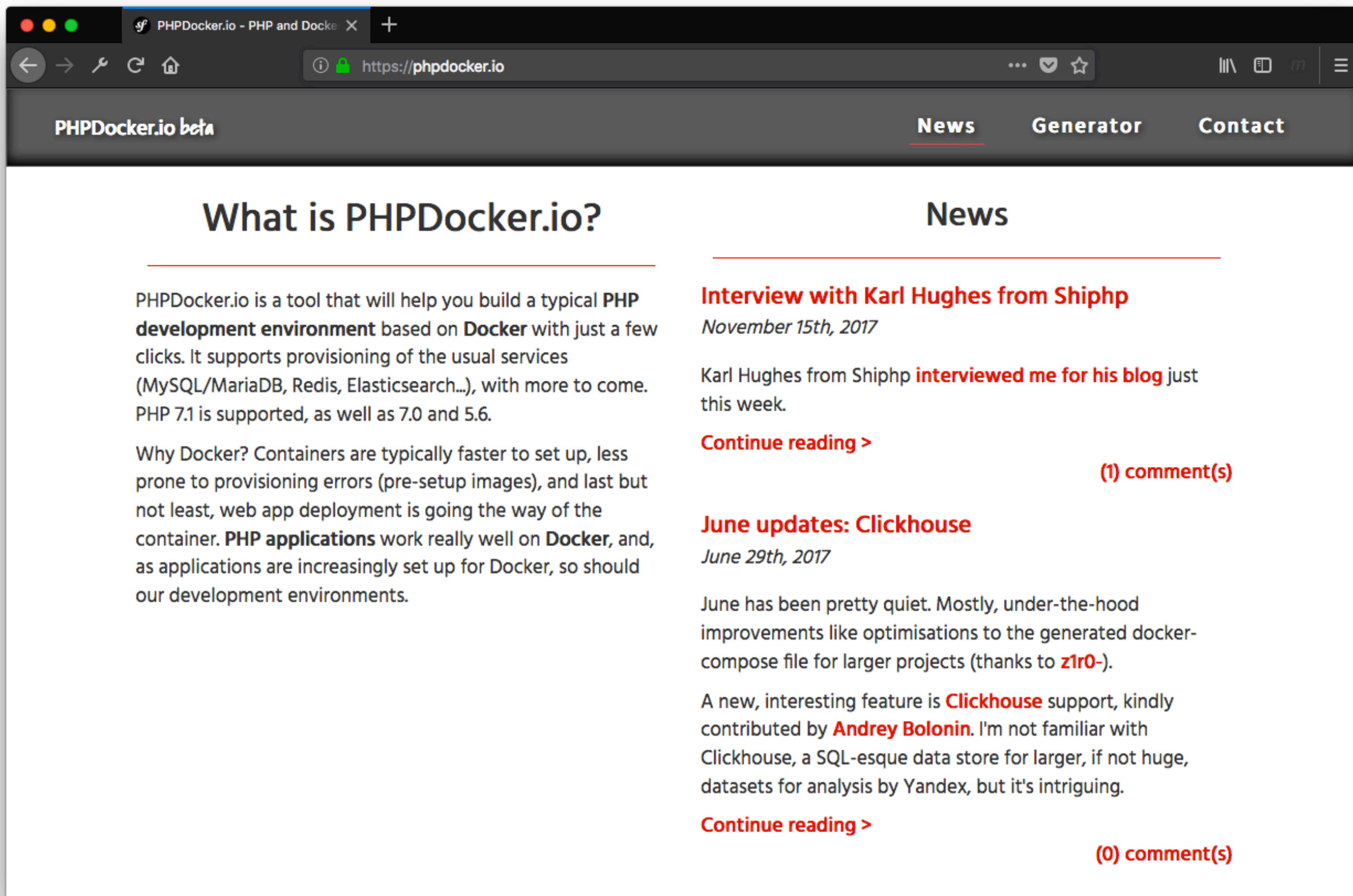


Dockerized PHP



What is PHPDocker.io?

PHPDocker.io is a tool that will help you build a typical **PHP development environment** based on **Docker** with just a few clicks. It supports provisioning of the usual services (MySQL/MariaDB, Redis, Elasticsearch...), with more to come. PHP 7.1 is supported, as well as 7.0 and 5.6.

Why Docker? Containers are typically faster to set up, less prone to provisioning errors (pre-setup images), and last but not least, web app deployment is going the way of the container. **PHP applications** work really well on **Docker**, and, as applications are increasingly set up for Docker, so should our development environments.

News

Interview with Karl Hughes from Shiphp

November 15th, 2017

Karl Hughes from Shiphp **interviewed me for his blog** just this week.

[Continue reading >](#)

(1) comment(s)

June updates: Clickhouse

June 29th, 2017

June has been pretty quiet. Mostly, under-the-hood improvements like optimisations to the generated docker-compose file for larger projects (thanks to **z1r0-**).

A new, interesting feature is **Clickhouse** support, kindly contributed by **Andrey Bolonin**. I'm not familiar with Clickhouse, a SQL-esque data store for larger, if not huge, datasets for analysis by Yandex, but it's intriguing.

[Continue reading >](#)

(0) comment(s)

PHPDocker.io - Generator

https://phpdocker.io/generator

PHPDocker.io beta

NewsGeneratorContact

Global configuration

Project name

Used on host, container, vm and folder names

Base port

For nginx, Mailhog control panel...

Application type

Generic: Symfony 4, Zend, Laravel, Lumen...

Generic: Symfony 4, Zend, Laravel, Lumen...
Symfony 2/3
Phalcon 3
Silex

Max upload

100 (MB)

PHP configuration

PHP Version

7.2.x

Off

Add git (eg for composer)

Please note:

- The following extensions are already included on the base image: APC, cURL, JSON, MCrypt (sodium in PHP>=7.1), MBString, OPcache, Readline, XML and Zip.
- Each PHP version supports a different set of extensions to the others.
- Adding git to the container adds ~75MB to it.

Extensions (PHP 7.2.x)

None selected

Search

☐ Memcached

☐ MySQL

☐ PostgreSQL

☐ Redis

☐ SQLite3

☐ XDebug

MySQL

klingt vielversprechend, derzeit aber noch nicht einsatzbereit (Silex abgekündigt, Symfony4 fehlt)

Quellen

- <http://geekyplatypus.com/dockerise-your-php-application-with-nginx-and-php7-fpm/>
- <https://sebastianbroesch.blog/2018/docker-stack-nginx-mit-php-7-2-und-mysql/>
- <https://semaphoreci.com/community/tutorials/dockerizing-a-php-application>

Iteration 1

```
docker-compose.yml
1 web:
2   image: nginx:latest
3   ports:
4     - "8080:80"
```

```
Toms-MBP:my_php_docker stuetz$ docker-compose up -d
Pulling web (nginx:latest)...
latest: Pulling from library/nginx
f2aa67a397c4: Already exists
3c091c23e29d: Pull complete
4a99993b8636: Pull complete
Digest: sha256:0fb320e2a1b1620b4905facb3447e3d84ad36da0b2c8aa8fe3a5a81d1187b884
Status: Downloaded newer image for nginx:latest
Creating my_php_docker_web_1 ... done
Toms-MBP:my_php_docker stuetz$ docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
8e453a55015f	nginx:latest	"nginx -g 'daemon of..."	20 seconds ago	Up 20 seconds	0.0.0.0:8080->80/tcp	my_php_docker_web_1

```
Toms-MBP:my_php_docker stuetz$ docker-compose down
Stopping my_php_docker_web_1 ... done
Removing my_php_docker_web_1 ... done
```

localhost:8080

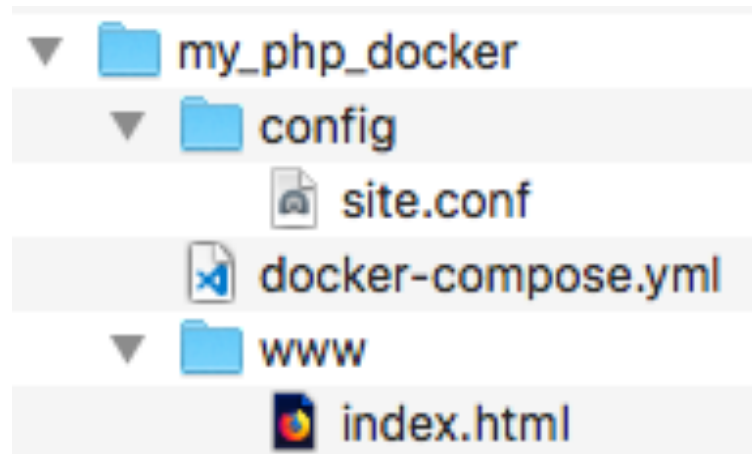
Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.

Iteration 2



```
docker-compose.yml x
1  version: "3"
2
3  services:
4    web:
5      image: nginx:1.14.0-alpine
6      ports:
7        - "80:80"
8      volumes:
9        - ./www:/www
10       - ./config/site.conf:/etc/nginx/conf.d/default.conf
```

Hier wird alpine als leichtgewichtiges OS verwendet und der Port 80

```
site.conf x
1  server {
2    index index.html;
3    root /www;
4  }
```

Hier wird www als root-Verzeichnis für die html-Dateien eingetragen und index.html als index-Datei

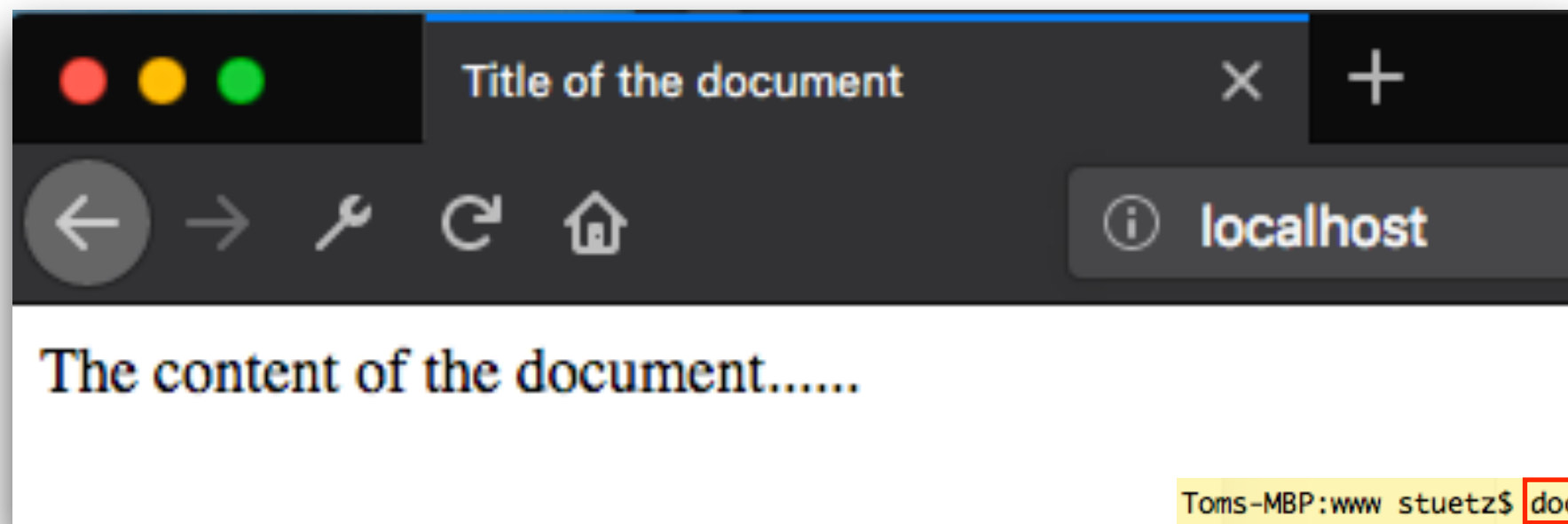
```
index.html ●
1  <!DOCTYPE html>
2  <html>
3  <head>
4    <title>Title of the document</title>
5  </head>
6
7  <body>
8    The content of the document.....
9  </body>
10
11 </html>
```


Iteration 2

```
Toms-MBP:my_php_docker stuetz$ docker-compose up -d
Creating network "my_php_docker_default" with the default driver
Pulling web (nginx:1.14.0-alpine)...
1.14.0-alpine: Pulling from library/nginx
ff3a5c916c92: Already exists
ff6bd9dc511a: Pull complete
19deea388932: Pull complete
a778cccae7b5: Pull complete
Digest: sha256:a4bbaf406318769c28ff13fcc464bdf7d43b5ff666e9b5279ce568100499f375
Status: Downloaded newer image for nginx:1.14.0-alpine
Creating my_php_docker_web_1 ... done
```

```
Toms-MBP:www stuetz$ docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
8235b8796bd8	nginx:1.14.0-alpine	"nginx -g 'daemon of..."	7 minutes ago	Up 2 seconds	0.0.0.0:80->80/tcp	my_php_docker_web_1



```
Toms-MBP:www stuetz$ docker-compose down
Stopping my_php_docker_web_1 ... done
Removing my_php_docker_web_1 ... done
Removing network my_php_docker_default
```

Iteration 3: Einrichten von PHP

```
Dockerfile ●  
1 FROM php:7.2.5-fpm  
2  
3 RUN docker-php-ext-install -j$(nproc) mysqli  
4 RUN docker-php-ext-install -j$(nproc) pdo  
5 RUN docker-php-ext-install -j$(nproc) pdo_mysql
```

ein Dockerfile zum Einrichten von php wird erstellt

Im offiziellen php Dockerhub Repo kann man sich alle Versionen ansehen

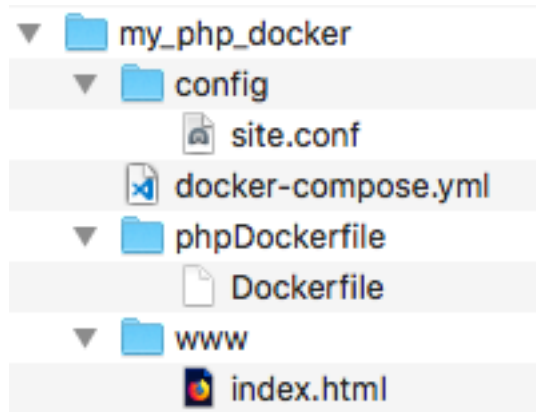
← → ↻ ↺ 🏠 https://hub.docker.com/_/php/ 133% ... ☆ ☰

[docker/hub-beta-feedback#238](#) for more information.

Supported tags and respective Dockerfile links

- [7.2.5-cli-stretch](#), [7.2-cli-stretch](#), [7-cli-stretch](#), [cli-stretch](#), [7.2.5-stretch](#), [7.2-stretch](#), [7-stretch](#), [stretch](#), [7.2.5-cli](#), [7.2-cli](#), [7-cli](#), [cli](#), [7.2.5](#), [7.2](#), [7](#), [latest](#) ([7.2/stretch/cli/Dockerfile](#))
- [7.2.5-apache-stretch](#), [7.2-apache-stretch](#), [7-apache-stretch](#), [apache-stretch](#), [7.2.5-apache](#), [7.2-apache](#), [7-apache](#), [apache](#) ([7.2/stretch/apache/Dockerfile](#))
- [7.2.5-fpm-stretch](#), [7.2-fpm-stretch](#), [7-fpm-stretch](#), [fpm-stretch](#), [7.2.5-fpm](#), [7.2-fpm](#), [7-fpm](#), [fpm](#) ([7.2/stretch/fpm/Dockerfile](#))
- [7.2.5-zts-stretch](#), [7.2-zts-stretch](#), [7-zts-stretch](#), [zts-stretch](#), [7.2.5-zts](#), [7.2-zts](#), [7-zts](#), [zts](#) ([7.2/stretch/zts/Dockerfile](#))
- [7.2.5-cli-alpine3.7](#), [7.2-cli-alpine3.7](#), [7-cli-alpine3.7](#), [cli-alpine3.7](#), [7.2.5-alpine3.7](#)

Iteration 3

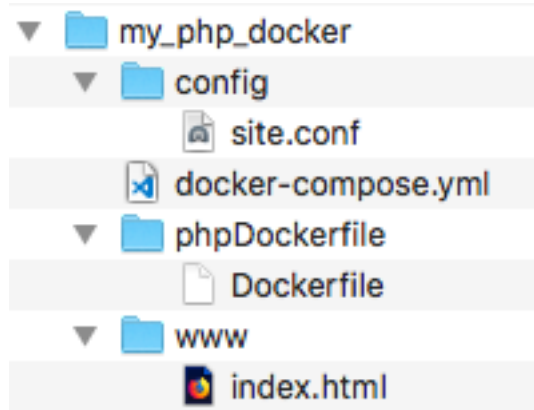


docker-compose.yml x

```
1  version: "3"
2
3  services:
4    web:
5      image: nginx:1.14.0-alpine
6      ports:
7        - "80:80"
8      volumes:
9        - ./www:/www
10       - ./config/site.conf:/etc/nginx/conf.d/default.conf
11    php:
12      build:
13        context: ./phpDockerfile/
14      ports:
15        - 9000:9000
16      volumes:
17        - ./www:/www
```

„context“ gibt den Pfad zum Dockerfile an. 9000 ist der Port von fastCGI

Iteration 3



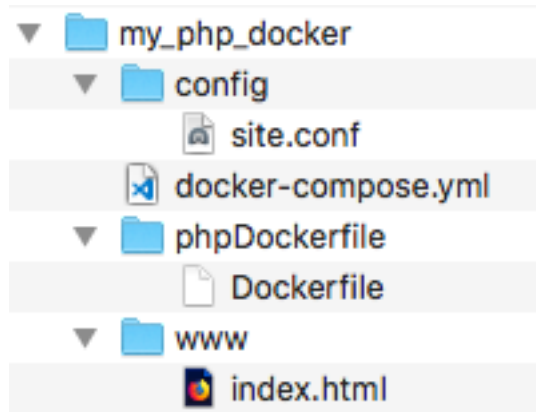
⚙️ site.conf ✕

```
1 server {
2     index index.html index.php;
3     root /www;
4
5     location ~ /\.php$ {
6         try_files $uri =404;
7         fastcgi_split_path_info ^(.+\.php)(/.+)$;
8         fastcgi_pass php:9000;
9         fastcgi_index index.php;
10        include fastcgi_params;
11        fastcgi_param SCRIPT_FILENAME $document_root$fastcgi_script_name;
12        fastcgi_param PATH_INFO $fastcgi_path_info;
13    }
14 }
```

Name des php-Containers

Das Config-File wird noch ergänzt, damit der WebServer auf php zugreifen kann

Iteration 3



docker-compose starten

```
Toms-MBP:my_php_docker stuetz$ docker-compose up -d
```

laufende Container

```
Toms-MBP:my_php_docker stuetz$ docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
4952d3fa50d9	my_php_docker_php	"docker-php-entrypoi..."	About a minute ago	Up About a minute	0.0.0.0:9000->9000/tcp	my_php_docker_php_1
8a590640853f	nginx:1.14.0-alpine	"nginx -g 'daemon of..."	About a minute ago	Up About a minute	0.0.0.0:80->80/tcp	my_php_docker_web_1

Images

```
Toms-MBP:my_php_docker stuetz$ docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
my_php_docker_php	latest	22b3e63048dd	2 minutes ago	367MB
mariadb	10.3	802f90d5da0d	2 weeks ago	401MB
nginx	1.14.0-alpine	d86442b1a2d5	2 weeks ago	18MB

durch unser Dockerfile wurde
dieses Image erstellt

docker-compose beenden

```
Toms-MBP:my_php_docker stuetz$ docker-compose down --rmi local
Stopping my_php_docker_php_1 ... done
Stopping my_php_docker_web_1 ... done
Removing my_php_docker_php_1 ... done
Removing my_php_docker_web_1 ... done
Removing network my_php_docker_default
Removing image my_php_docker_php
```

--rmi local löscht das
erstellte Image

Iteration 4: Datenbank

```
docker-compose.yml x
1  version: "3"
2
3  services:
4    web:
5      image: nginx:1.14.0-alpine
6      ports:
7        - "80:80"
8      volumes:
9        - ./www:/www
10       - ./config/site.conf:/etc/nginx/conf.d/default.conf
11    php:
12      build:
13        context: ./phpDockerfile/
14      ports:
15        - 9000:9000
16      volumes:
17        - ./www:/www
18    mariadb:
19      image: mariadb:10.3
20      ports:
21        - 3306:3306
22      environment:
23        MYSQL_ROOT_PASSWORD: passme
```

Wir verwenden anstelle von
mysql die kompatible mariadb

MySQL Connections + ⓘ

Filter connections

localhost

root

127.0.0.1:3306

Shortcuts



MySQL Utilities



Database Migration



MySQL Bug Reporter



Workbench Blogs



Planet MySQL



Workbench Forum



Scripting Shell

Models + ⓘ ➤

sakila_full



...tents/Resources/.../SharedSupport

sakila

10 Dec 15, 14:55

Nun kann man mit der mySQL Workbench
auf die db zugreifen

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

SCHEMAS

- mydb
 - Tables
 - Views
 - Stored Procedures

Object Info Session

Schema: mydb

Administration - Server Status x



Connection Name
localhost

Host: 6960a825d
Socket: /var/run/my:
Port: 3306
Version: 10.3.6-Maria
mariadb.org
Compiled For: debian-linu
Configuration File: /etc/my.cnf
Running Since: Thu May 24

Refresh

Available Server Features

Performance Schema:	<input type="radio"/> Off	PAM Authentication:	<input type="radio"/>
Thread Pool:	<input type="radio"/> n/a	Password Validation:	<input type="radio"/>
Memcached Plugin:	<input type="radio"/> n/a	Audit Log:	<input type="radio"/>
Semisync Replication Plugin:	<input type="radio"/> Off	Firewall:	<input type="radio"/>
SSL Availability:	<input checked="" type="radio"/> On	Firewall Trace:	<input type="radio"/>

Server Directories

Base Directory: /usr
Data Directory: /var/lib/mysql/
Disk Space in Data Dir: Could not determine
Plugins Directory: /usr/lib/mysql/plugin/
Tmp Directory: /tmp
Error Log: ☐ Off



Server Status
Running



Load
2.13



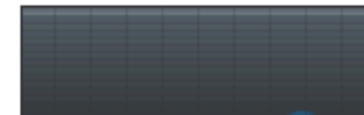
Connections
4



Traffic
14.93 KB/s



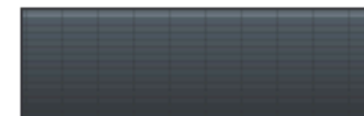
Key Efficiency
66.7%



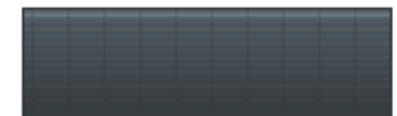
Selects per Second
0



InnoDB Buffer Usage
1.9%

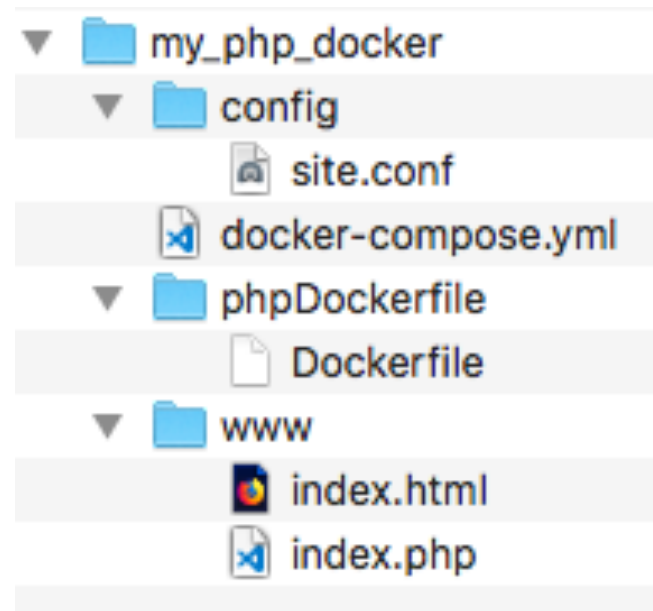


InnoDB Reads per Second
0



InnoDB Writes per Second
0

phpinfo




```
index.php ●  
1  <?php  
2  phpinfo();
```

Legt man eine index.php an, mit obigen Inhalt, so kann man den php-Status überprüfen

phpinfo()

localhost/index.php

PHP Version 7.2.5



System	Linux de9da91e6ab2 4.9.87-linuxkit-aufs #1 SMP Wed Mar 14 15:12:16 UTC 2018 x86_64
Build Date	May 5 2018 00:30:20
Configure Command	./configure '--build=x86_64-linux-gnu' '--with-config-file-path=/usr/local/etc/php' '--with-config-file-scan-dir=/usr/local/etc/php/conf.d' '--enable-option-checking=fatal' '--disable-cgi' '--with-mhash' '--enable-ftp' '--enable-mbstring' '--enable-mysqld' '--with-password-argon2' '--with-sodium=shared' '--with-curl' '--with-libedit' '--with-openssl' '--with-zlib' '--with-libdir=lib/x86_64-linux-gnu' '--enable-fpm' '--with-fpm-user=www-data' '--with-fpm-group=www-data' 'build_alias=x86_64-linux-gnu'
Server API	FPM/FastCGI
Virtual Directory Support	disabled
Configuration File (php.ini) Path	/usr/local/etc/php
Loaded Configuration File	(none)
Scan this dir for additional .ini files	/usr/local/etc/php/conf.d
Additional .ini files parsed	/usr/local/etc/php/conf.d/docker-php-ext-mysqli.ini, /usr/local/etc/php/conf.d/docker-php-ext-pdo_mysql.ini, /usr/local/etc/php/conf.d/docker-php-ext-sodium.ini
PHP API	20170718
PHP Extension	20170718
Zend Extension	320170718
Zend Extension Build	API320170718,NTS
PHP Extension Build	API20170718,NTS
Debug Build	no
Thread Safety	disabled
Zend Signal Handling	enabled
Zend Memory Manager	enabled
Zend Multibyte Support	provided by mbstring
IPv6 Support	enabled
DTrace Support	disabled
Registered PHP Streams	https, ftps, compress.zlib, php, file, glob, data, http, ftp, phar
Registered Stream Socket Transports	tcp, udp, unix, udg, ssl, tls, tlsv1.0, tlsv1.1, tlsv1.2

Iteration 5: phpmyadmin

```
docker-compose.yml •
1  version: "3"
2
3  services:
4    web:
5      image: nginx:1.14.0-alpine
6      ports:
7        - "80:80"
8      volumes:
9        - ./www:/www
10       - ./config/site.conf:/etc/nginx/conf.d/default.conf
11
12    php:
13      build:
14        context: ./phpDockerfile/
15      ports:
16        - 9000:9000
17      volumes:
18        - ./www:/www
19
20    mariadb:
21      image: mariadb:10.3
22      ports:
23        - 3306:3306
24      environment:
25        MYSQL_ROOT_PASSWORD: passme
26
27    phpmyadmin:
28      image: phpmyadmin/phpmyadmin
29      links:
30        - mariadb:db
31      ports:
32        - 8000:80
33      environment:
34        MYSQL_ROOT_PASSWORD: passme
35
36  --
```

Iteration 5

```
Toms-MBP:www stuetz$ docker-compose up -d
Creating network "my_php_docker_default" with the default driver
Creating my_php_docker_php_1 ... done
Creating my_php_docker_mariadb_1 ... done
Creating my_php_docker_web_1 ... done
Creating my_php_docker_phpmyadmin_1 ... done
```

```
Toms-MBP:www stuetz$ docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
603954409f7f	phpmyadmin/phpmyadmin	"/run.sh phpmyadmin"	5 minutes ago	Up 5 minutes	9000/tcp, 0.0.0.0:8000->80/tcp	my_php_docker_phpmyadmin_1
f27a47e78037	my_php_docker_php	"docker-php-entrypoi..."	5 minutes ago	Up 5 minutes	0.0.0.0:9000->9000/tcp	my_php_docker_php_1
06b893d341aa	nginx:1.14.0-alpine	"nginx -g 'daemon of..."	5 minutes ago	Up 5 minutes	0.0.0.0:80->80/tcp	my_php_docker_web_1
732a5df4f8e3	mariadb:10.3	"docker-entrypoint.s..."	5 minutes ago	Up 5 minutes	0.0.0.0:3306->3306/tcp	my_php_docker_mariadb_1

```
Toms-MBP:www stuetz$ docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
my_php_docker_php	latest	44c7639d5313	20 minutes ago	367MB
mariadb	10.3	802f90d5da0d	2 weeks ago	401MB
nginx	1.14.0-alpine	d86442b1a2d5	2 weeks ago	18MB

```
Toms-MBP:www stuetz$ docker-compose down --rmi local
Stopping my_php_docker_phpmyadmin_1 ... done
Stopping my_php_docker_php_1 ... done
Stopping my_php_docker_web_1 ... done
Stopping my_php_docker_mariadb_1 ... done
Removing my_php_docker_phpmyadmin_1 ... done
Removing my_php_docker_php_1 ... done
Removing my_php_docker_web_1 ... done
Removing my_php_docker_mariadb_1 ... done
Removing network my_php_docker_default
Removing image my_php_docker_php
```

localhost:8000 / db | phpMyAdmin

localhost:8000/server_databases.php?server=1

phpMyAdmin

Recent Favorites

New

- information_schema
- mysql
- performance_schema

Server: db

DatabasesSQLStatusUser accountsExportImportSettingsMore

Databases

Create database

mydb

utf8_general_ci

Create

Database	Collation	Action
<input type="checkbox"/> information_schema	utf8_general_ci	Check privileges
<input type="checkbox"/> mysql	latin1_swedish_ci	Check privileges
<input type="checkbox"/> performance_schema	utf8_general_ci	Check privileges
Total: 3		latin1_swedish_ci

☐ Check allWith selected: Drop

Note: Enabling the database statistics here might cause heavy traffic between the web server and the MySQL server.

• Enable statistics

Console

localhost:8000 / db / mydb / pe

localhost:8000/db_structure.php?server=1&db=mydb&table=person

phpMyAdmin

Recent Favorites

New

information_schema

mydb

- New
- person
 - Columns
 - New
 - firstname
 - id
 - lastname

mysql

performance_schema

Server: db » Database: mydb » Table: person

Browse

Structure

SQL

Search

Insert

Export

Import

More

Table structure

Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	id	int(11)		No	None			Change Drop More
<input type="checkbox"/>	2	firstname	varchar(50) utf8_general_ci		No	None			Change Drop More
<input type="checkbox"/>	3	lastname	varchar(50) utf8_general_ci		No	None			Change Drop More

☐ Check all With selected: Browse Change Drop Primary Unique Index

☐ Fulltext

Print Propose table structure Move columns Normalize

Add column(s)

Indexes

No index defined!

Create an index on columns

Partitions

Console

Eigener IP-Bereich

Problem

- Docker benutzt einen eigenen IP-Bereich: 172.17.x.x
- In der Schule wird für das LAN dieser IP-Bereich ebenfalls benutzt
- Daher entsteht ein Konflikt, die Docker-Container sind in der Folge nicht mehr erreichbar

Abhilfe

- Der Docker Host bekommt einen neuen Standard-IP-Bereich.
- Dazu wird die Datei /etc/docker/daemon.json angelegt bzw. geändert:

```
{  
  "bip": "172.31.1.1/24",  
  "dns": [ "10.191.80.6" , "10.191.16.10" ]  
}
```

Kontrolle

```
stuetz@vm81:~$ sudo ifconfig docker0
docker0  Link encap:Ethernet  HWaddr 02:42:91:93:2a:35
          inet addr:172.31.1.1  Bcast:172.31.1.255  Mask:255.255.255.0
          inet6 addr: fe80::42:91ff:fe93:2a35/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:23332 errors:0 dropped:0 overruns:0 frame:0
          TX packets:44102 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:30181406 (30.1 MB)  TX bytes:3943275 (3.9 MB)
```

```
stuetz@vm81:~$ sudo docker network inspect bridge
[
  {
    "Name": "bridge",
    "Id": "9df58fc430be8a5d87f8f9087612d2022059209afee8cd98d56849e0442f68f8",
    "Created": "2018-05-31T14:18:19.270297718+02:00",
    "Scope": "local",
    "Driver": "bridge",
    "EnableIPv6": false,
    "IPAM": {
      "Driver": "default",
      "Options": null,
      "Config": [
        {
          "Subnet": "172.31.1.1/24",
          "Gateway": "172.31.1.1"
        }
      ]
    }
  }
]
```

```
version: „2“
```

```
services:
```

```
  web:
```

```
    image: nginx:1.14.0-alpine
```

```
    ports:
```

```
      - "80:80"
```

```
    volumes:
```

```
      - ./www:/www
```

```
      - ./config/site.conf:/etc/nginx/conf.d/default.conf
```

```
    networks:
```

```
      - myphpnet
```

```
  php:
```

```
    build:
```

```
      context: .
```

```
      dockerfile: DockerfilePhp
```

```
    ports:
```

```
      - 9000:9000
```

```
    volumes:
```

```
      - ./www:/www
```

```
    networks:
```

```
      - myphpnet
```

```
  mariadb:
```

```
    image: mariadb:10.3
```

```
    ports:
```

```
      - 3306:3306
```

```
    environment:
```

```
      MYSQL_ROOT_PASSWORD: passme
```

```
    networks:
```

```
      - myphpnet
```

```
  phpmyadmin:
```

```
    image: phpmyadmin/phpmyadmin
```

```
    links:
```

```
      - mariadb:db
```

```
    ports:
```

```
      - 8000:80
```

```
    environment:
```

```
      MYSQL_ROOT_PASSWORD: passme
```

```
    networks:
```

```
      - myphpnet
```

```
networks:
```

```
  myphpnet:
```

```
    driver: bridge
```

```
    ipam:
```

```
      config:
```

```
        - subnet: 172.30.1.1/24
```

docker-compose.yml

Man kann auch noch bei den einzelnen
Docker-Maschinen einen eigenen
Adressbereich vergeben

Start mit:
docker-compose up -d

Kontrolle

```
stuetz@vm81:~$ sudo docker network ls
```

NETWORK ID	NAME	DRIVER	SCOPE
9df58fc430be	bridge	bridge	local
a18a1a8202dd	host	host	local
b63728e01fe6	myphpdocker_phpnet	bridge	local
8b8d18e3bc0e	none	null	local

Kontrolle im Detail

```
sudo docker network inspect myphpdocker_phpnet
```

```
"Containers": {  
  "14a8bfa60382cd7bb6049a2aa03a3ce969bfff440ecc06817a6d563a0c43ed8a9": {  
    "Name": "myphpdocker_php_1",  
    "EndpointID": "522247a8874eb5b51860f86e2bb5c3de9c5196db55ceca05c0e24df5b1fc91ba",  
    "MacAddress": "02:42:ac:1e:01:03",  
    "IPv4Address": "172.30.1.3/24",  
    "IPv6Address": ""  
  },  
  "3216fca48e23cf7ea6b47df5de34b70b95c2a2fb13331dd00274c767c505ae13": {  
    "Name": "myphpdocker_web_1",  
    "EndpointID": "1b9351c8146a123634ce30273c2cd893e08244746488ad776c3af9727546be9b",  
    "MacAddress": "02:42:ac:1e:01:02",  
    "IPv4Address": "172.30.1.2/24",  
    "IPv6Address": ""  
  },  
  "84307e4cb7c6cb84f6dbf6960aa9bc9deb86e8124f3410a23847bbad8c827556": {  
    "Name": "myphpdocker_mariadb_1",  
    "EndpointID": "9a8472af261bb0af0dc31a016644918486a604002fa8d17bb491361e17070e09",  
    "MacAddress": "02:42:ac:1e:01:04",  
    "IPv4Address": "172.30.1.4/24",  
    "IPv6Address": ""  
  },  
  "f388d7fefef101a4e4dde4ac0e3231747cedefa705f82e39337351cd4eb40a0a": {  
    "Name": "myphpdocker_phpmyadmin_1",  
    "EndpointID": "99e63266b891311712fcd13421fd76c21add5598a893ca85547d93f755351647",  
    "MacAddress": "02:42:ac:1e:01:05",  
    "IPv4Address": "172.30.1.5/24",  
    "IPv6Address": ""  
  }  
},
```