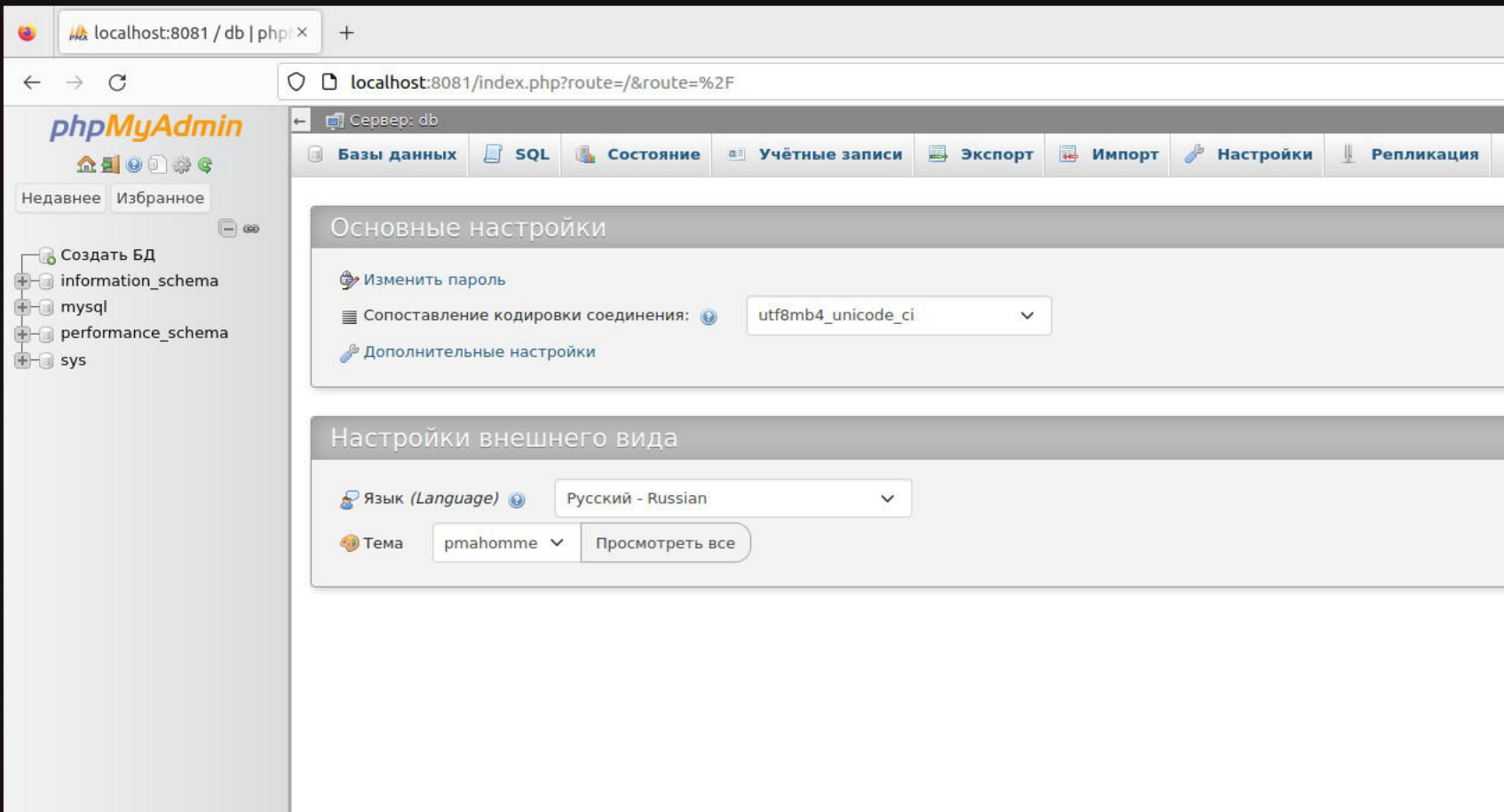


```
drwxr-xr-x 2 yuliachar yuliachar 4096 мар 28 21:17 шаблонны/
yuliachar@Virtual-linux:~$ docker cp mariadb:/etc/mysql/mariadb.cnf ~/
Successfully copied 3.07kB to /home/yuliachar/
yuliachar@Virtual-linux:~$ ll
```

итого 216

drwxr-xr-x	21	yuliachar	yuliachar	4096	июл 21	00:08	./
drwxr-xr-x	5	root	root	4096	апр 7	21:45	../
-rw-rw-r--	1	yuliachar	yuliachar	157	апр 23	20:50	all.txt
-rw-----	1	yuliachar	yuliachar	22294	июл 17	00:48	.bash_history
-rw-r--r--	1	yuliachar	yuliachar	220	мар 28	21:00	.bash_logout
-rw-r--r--	1	yuliachar	yuliachar	3771	мар 28	21:00	.bashrc
drwx-----	12	yuliachar	yuliachar	4096	мар 28	22:13	.cache/
drwx-----	16	yuliachar	yuliachar	4096	апр 16	12:01	.config/
drwx-----	3	yuliachar	yuliachar	4096	июл 20	22:19	.docker/
-rw-rw-r--	1	yuliachar	yuliachar	79	июл 20	23:45	Dockerfile
-rw-rw-r--	1	yuliachar	yuliachar	53	апр 23	20:48	err.txt
-rwxrwxr-x	1	yuliachar	yuliachar	73	апр 23	23:53	even*
-rw-r--r--	1	root	root	421	апр 12	21:11	iptables.rules
-rw-----	1	yuliachar	yuliachar	31	апр 23	22:34	.lessht
drwx-----	3	yuliachar	yuliachar	4096	мар 28	21:17	.local/
-rw-rw-r--	1	yuliachar	yuliachar	227	апр 23	20:45	ls_txt
drwxrwxr-x	3	yuliachar	yuliachar	4096	апр 23	12:41	lws/
-rw-r--r--	1	yuliachar	yuliachar	1127	янв 31	21:43	mariadb.cnf
drwxrwxr-x	7	vboxadd	vboxsf	4096	июл 20	23:52	mydb/
drwxrwxr-x	3	yuliachar	yuliachar	4096	июл 17	00:30	mydb-2/
drwxrwxr-x	6	yuliachar	yuliachar	4096	июл 16	16:06	newroot/
-rw-r--r--	1	yuliachar	yuliachar	807	мар 28	21:00	.profile

```
yuliachar@Virtual-linux:~$ nano Dockerfile
yuliachar@Virtual-linux:~$ cat Dockerfile
FROM mariadb:10.10.2
COPY mariadb.cnf /
yuliachar@Virtual-linux:~$ docker build -t mariadb-2 .
[+] Building 1.1s (7/7) FINISHED
=> [internal] load build definition from Dockerfile 0.1s
=> => transferring dockerfile: 77B 0.0s
=> [internal] load .dockerignore 0.2s
=> => transferring context: 2B 0.0s
=> [internal] load metadata for docker.io/library/mariadb:10.10.2 0.0s
=> [internal] load build context 0.0s
=> => transferring context: 1.17kB 0.0s
=> CACHED [1/2] FROM docker.io/library/mariadb:10.10.2 0.0s
=> [2/2] COPY mariadb.cnf / 0.2s
=> exporting to image 0.3s
=> => exporting layers 0.2s
=> => writing image sha256:25f013b4c41892c1a90e34ed128a0859e66caf568606e220b8c2877286749401 0.0s
=> => naming to docker.io/library/mariadb-2 0.0s
yuliachar@Virtual-linux:~$ ^C
yuliachar@Virtual-linux:~$ docker run --name mariadb-test2 -e MARIADB_ROOT_PASSWORD=123 -d mariadb-2
4a21f33b1676c24e0eb958bc150478c423add5aaa2e16f645c1c693661badfa5
yuliachar@Virtual-linux:~$ docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS
4a21f33b1676   mariadb-2      "docker-entrypoint.s..." 40 seconds ago Up 38 seconds 3306/tcp
03f8b8ec311e   mariadb-test2 "docker-entrypoint.s..." 26 minutes ago Up 26 minutes 0.0.0.0:8082->80/tcp, :::8082
2783a3cdfedf   mariadb-10.10.2 "docker-entrypoint.s..." 27 minutes ago Up 27 minutes 3306/tcp
yuliachar@Virtual-linux:~$ docker run --name my-phpmyadmin-mariaDB -d --link mariadb-test2:db -p 8081:80 phpmyadmin/phpmyadmin
c19ca8c2d57b7a013189f90dc216863af562272135238cd3224c8f9b1451a476
yuliachar@Virtual-linux:~$ docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS
c19ca8c2d57b   phpmyadmin/phpmyadmin "/docker-entrypoint.s..." 4 seconds ago Up 3 seconds 0.0.0.0:8081->80/tcp, :::8081
4a21f33b1676   mariadb-2      "docker-entrypoint.s..." 3 minutes ago Up 3 minutes 3306/tcp
03f8b8ec311e   mariadb-test2 "docker-entrypoint.s..." 29 minutes ago Up 29 minutes 0.0.0.0:8082->80/tcp, :::8082
2783a3cdfedf   mariadb-10.10.2 "docker-entrypoint.s..." 30 minutes ago Up 30 minutes 3306/tcp
yuliachar@Virtual-linux:~$
```



```
yuliachar@Virtual-linux:~$ nano mariadb.cnf
yuliachar@Virtual-linux:~$ cat mariadb.cnf
# The MariaDB configuration file
#
# The MariaDB/MySQL tools read configuration files in the following order:
# 0. "/etc/mysql/my.cnf" symlinks to this file, reason why all the rest is read.
# 1. "/etc/mysql/mariadb.cnf" (this file) to set global defaults,
# 2. "/etc/mysql/conf.d/*.cnf" to set global options.
# 3. "/etc/mysql/mariadb.conf.d/*.cnf" to set MariaDB-only options.
# 4. "~/.my.cnf" to set user-specific options.
#
# If the same option is defined multiple times, the last one will apply.
#
# One can use all long options that the program supports.
# Run program with --help to get a list of available options and with
# --print-defaults to see which it would actually understand and use.
#
# If you are new to MariaDB, check out https://mariadb.com/kb/en/basic-mariadb-articles/
#
# This group is read both by the client and the server
# use it for options that affect everything
#
[client-server]
# Port or socket location where to connect
port = 5890
socket = /run/mysqld/mysqld.sock

# Import all .cnf files from configuration directory
```

```
!includedir /etc/mysql/mariadb.conf.d/
!includedir /etc/mysql/conf.d/
```

```
yuliachar@Virtual-linux:~$ docker build -t mariadb-4 .
```

```
[+] Building 0.8s (7/7) FINISHED
```

```
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 77B
=> [internal] load metadata for docker.io/library/mariadb:10.10.2
=> CACHED [1/2] FROM docker.io/library/mariadb:10.10.2
=> [internal] load build context
=> => transferring context: 1.17kB
=> [2/2] COPY mariadb.cnf /
=> exporting to image
=> => exporting layers
=> => writing image sha256:21f8df2f7053c68af79094ba2c858602ac2833c64e4d5b6909199a45769a9139
=> => naming to docker.io/library/mariadb-4
```

```
docker:default
```

```
0.1s
0.0s
0.1s
0.0s
0.0s
0.0s
0.0s
0.0s
0.2s
0.2s
0.1s
0.0s
0.0s
```

```
yuliachar@Virtual-linux:~$
```



```
yuliachar@Virtual-linux:~$ docker run --name mariadb-t4 -e MARIADB_ROOT_PASSWORD=123 -d mariadb-4
```

```
c1e1660eb568d98f1b2694ae3076f90bdba5244847cb4e8033bb7e4bdbaa23e1
```

```
yuliachar@Virtual-linux:~$ docker run --name my-phpmyadmin-mariaDB-4 -d --link mariadb-t4:db -p 8084:80 phpmyadmin/phpmyadmin
```

```
51c58f009a18c7a9e35bfd5d499eee4813b936ac34c4a19e72c82e82ab838885
```

```
yuliachar@Virtual-linux:~$ docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
51c58f009a18	phpmyadmin/phpmyadmin	"/docker-entrypoint..."	7 seconds ago	Up 6 seconds	0.0.0.0:8084->80/tcp, :::8084->80/tcp	my-phpmyadmin-mariaDB-4
c1e1660eb568	mariadb-4	"docker-entrypoint.s..."	28 seconds ago	Up 27 seconds	3306/tcp	mariadb-t4
23cda46dad2d	phpmyadmin/phpmyadmin	"/docker-entrypoint..."	5 minutes ago	Up 5 minutes	0.0.0.0:8083->80/tcp, :::8083->80/tcp	my-phpmyadmin-mariaDB-3
83f4893729bc	mariadb-2	"docker-entrypoint.s..."	6 minutes ago	Up 6 minutes	3306/tcp	mariadb-test3
c19ca8c2d57b	phpmyadmin/phpmyadmin	"/docker-entrypoint..."	23 minutes ago	Up 23 minutes	0.0.0.0:8081->80/tcp, :::8081->80/tcp	my-phpmyadmin-mariaDB
4a21f33b1676	mariadb-2	"docker-entrypoint.s..."	27 minutes ago	Up 27 minutes	3306/tcp	mariadb-test2
03f8b8ec311e	phpmyadmin/phpmyadmin	"/docker-entrypoint..."	53 minutes ago	Up 53 minutes	0.0.0.0:8082->80/tcp, :::8082->80/tcp	my-phpmyadmin
2783a3cdfedf	mariadb:10.10.2	"docker-entrypoint.s..."	53 minutes ago	Up 53 minutes	3306/tcp	mariadb

```
yuliachar@Virtual-linux:~$
```