

Wordpress with mysql setup on Docker using commands

01. Download mysql 5.7 version from registry as 6 or above not functional properly.

```
docker search mysql
docker pull centos/mysql-57-centos7
```

02. Download wordpress images from registry.

```
docker search wordpress
docker pull wordpress
```

```
[ec2-user@ip-172-31-16-89 ~]$ docker images | egrep "mysql|wordpress"
wordpress          latest          4bale63bd20c    9 days ago       501MB
centos/mysql-57-centos7 latest         e35b3f7a4ea0    3 months ago     452MB
[ec2-user@ip-172-31-16-89 ~]$
```

03. Run mysql container and provide the user password details else it won't work.

```
docker run --name <container_name> -e MYSQL_ROOT_PASSWORD=<password> -d <image>
docker run --name mysql01 -e MYSQL_ROOT_PASSWORD=Navidl234 -d centos/mysql-57-centos7
```

```
[ec2-user@ip-172-31-16-89 ~]$ docker ps | grep -i mysql
[ec2-user@ip-172-31-16-89 ~]$
[ec2-user@ip-172-31-16-89 ~]$ docker run --name mysql01 -e MYSQL_ROOT_PASSWORD=Navidl234 -d centos/mysql-57-centos7
7e53414805305b1ec74e471d3bf8384a89able7db3dd23ad021de5fe902daf99
[ec2-user@ip-172-31-16-89 ~]$
[ec2-user@ip-172-31-16-89 ~]$ docker ps | grep -i mysql
7e5341480530    centos/mysql-57-centos7    "container-entrypoint..." 5 seconds ago    Up 3 seconds    3306/tcp    mysql01
[ec2-user@ip-172-31-16-89 ~]$
```

04. Create wordpress container and communicate it with database using "--link"

```
docker run --name <c_name> --link <db_c_name> -p <external_port>:<internal_port> -e
WORDPRESS_DB_HOST=<db_c_name>:3306 -e WORDPRESS_DB_USER=root -e
WORDPRESS_DB_PASSWORD=<password> -e WORDPRESS_DB_NAME=wordpress -e
WORDPRESS_TABLE_PREFIX=wp_ -d wordpress
```

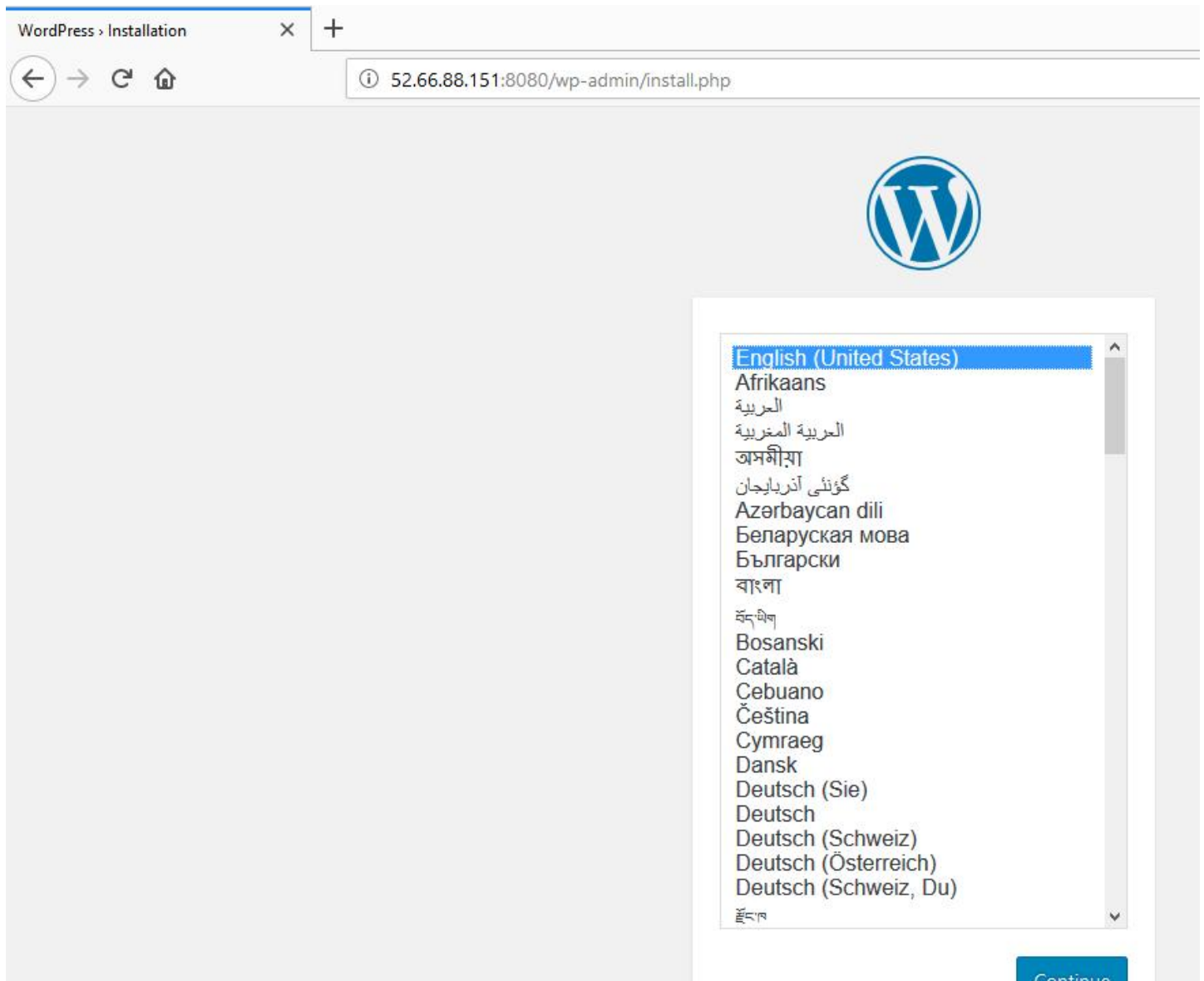
example:

```
docker run --name wordpress01 --link mysql01 -p 8080:80 -e WORDPRESS_DB_HOST=mysql01:3306
-e WORDPRESS_DB_USER=root -e WORDPRESS_DB_PASSWORD=Navidl234 -e
WORDPRESS_DB_NAME=wordpress -e WORDPRESS_TABLE_PREFIX=wp_ -d wordpress
```

```
[ec2-user@ip-172-31-16-89 ~]$ docker run --name wordpress01 --link mysql01 -p 8080:80 -e WORDPRESS_DB_HOST=mysql01:3306 -e WORDPRESS_DB_USER=root -e WORDPRESS_DB_PASSWORD=Navidl234 -e WORDPRESS_DB_NAME=wordpress -e WORDPRESS_TABLE_PREFIX=wp_ -d wordpress
5866b1412d35    wordpress    "docker-entrypoint.sh" 17 seconds ago    Up 17 seconds    0.0.0.0:8080->80/tcp    wordpress01
7e5341480530    centos/mysql-57-centos7    "container-entrypoint..." 6 minutes ago    Up 6 minutes    3306/tcp    mysql01
[ec2-user@ip-172-31-16-89 ~]$
```

05. Open browser `http://localhost:8080`.

We will get wordpress installation page like below -



06.Setup the wordpress page and click on install wordpress

Note: email address is mandatory else it will show an error.

Welcome

Welcome to the famous five-minute WordPress installation process! Just fill in the information below and you'll be on your way to using the most extendable and powerful personal publishing platform in the world.

Information needed

Please provide the following information. Don't worry, you can always change these settings later.

| | |
|--|--|
| Site Title | <input type="text" value="Ali_Baba"/> |
| Username | <input type="text" value="navid"/> <small>Usernames can have only alphanumeric characters, spaces, underscores, hyphens, periods, and the @ symbol.</small> |
| Password | <div><input type="password" value="Jack@1234"/><input type="button" value="Hide"/></div> <div>Weak</div> <p>Important: You will need this password to log in. Please store it in a secure location.</p> |
| Confirm Password | <input checked="" type="checkbox"/> Confirm use of weak password |
| Your Email | <input type="text"/> <small>Double-check your email address before continuing.</small> |
| Search Engine Visibility | <input checked="" type="checkbox"/> Discourage search engines from indexing this site <small>It is up to search engines to honor this request.</small> |
| <input type="button" value="Install WordPress"/> | |

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07. Once wordpress setup. Please login again.

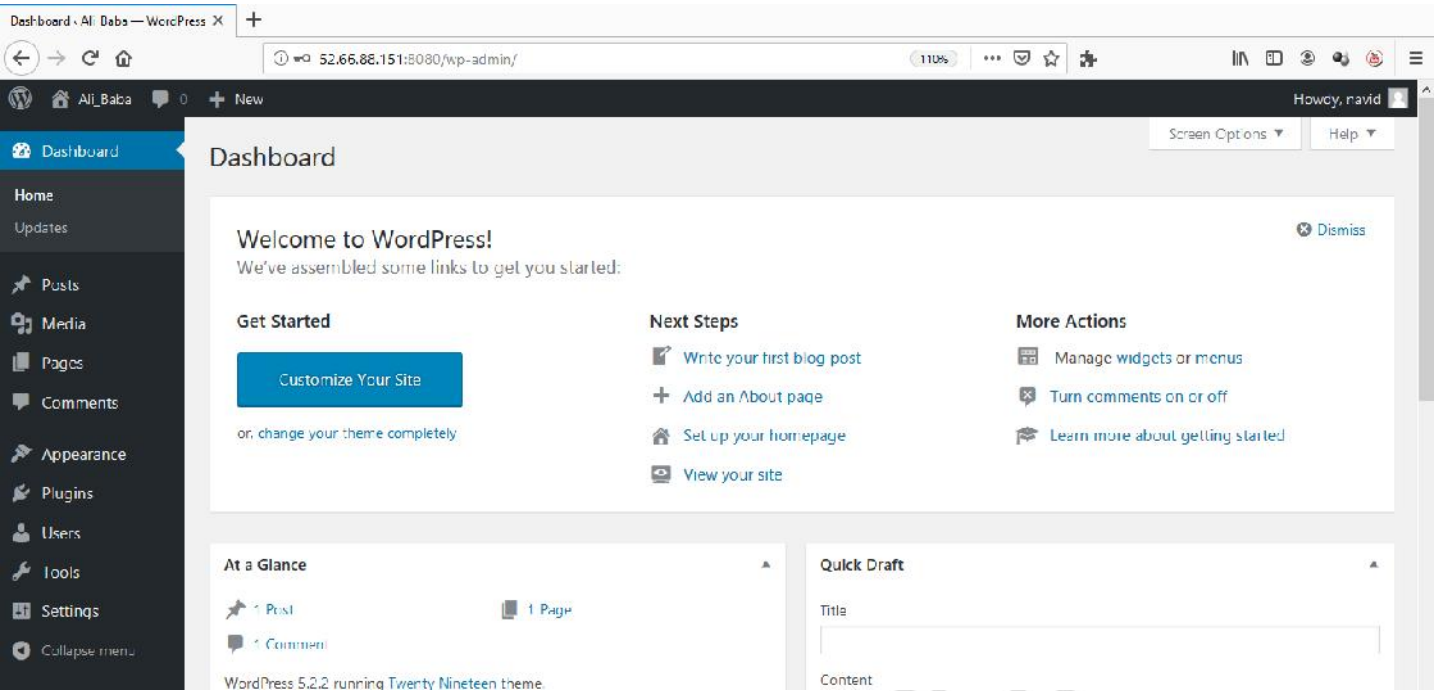
Success!

WordPress has been installed. Thank you, and enjoy!

| | |
|----------|-----------------------|
| Username | navid |
| Password | Your chosen password. |

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08. If everything works fine then page will be like -



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Thank You