

Non-root user for Docker deployment



UPDATE: Default [Dockerfile](#) has been modified to use non-root user - **www-data**. Thus, just follow the instructions provided in [README](#).

By default, the **root** user is used for WebSpellChecker deployed as a Docker container from the default image or a custom one created from the Dockerfile. You have an option to use non-root user - **www-data**.



www-data is the user that web servers on Ubuntu (Apache, nginx, for example) use by default for normal operation.

Below is the guidance on how to proceed with **www-data** user.

1. Open [Dockerfile](#) for editing. At the end of the RUN command, add the following lines:

```
...  
RUN  
...  
mkdir -p /var/lib/wsc/license &&\  
chown -R www-data:www-data /var/lib/wsc/license /var/run/apache2 /var/log/apache2 /var/lock/apache2
```

The first line creates a folder for the license.

The second line allows the www-data user to use the license and folders for the Apache functions.

2. [Create a Docker image](#) from the modified file.
2. Start the container using **www-data** user.

```
docker run -d -p 80:80 -u www-data webspellchecker/wproofreader
```