Installing WebSpellChecker Server using Docker

You can install WebSpellChecker Server using a Docker image available at Docker Hub. There is a prebuilt non-SSL image of WebSpellChecker /WProofreader based on the latest **Ubuntu** with **Nginx**.

> You may benefit from using a Docker image when evaluating WebSpellChecker, whereas for production purposes or a real setup, **you need to create a custom image using a Dockerfile.**

To create and use a custom Docker image, navigate to wproofreader-docker repo and familiarize with detailed instructions and further steps descriptions.

This repository contains the following items:

- Files directory where:
  - **configureFiles.pl** – a script which customizes the samples providing the correct path for these samples and sets up a shared directory for working with custom and user dictionaries;
  - **configureWebServer.pl** – a script that configures the nginx web server for processing static files and service requests;
  - **startService.sh** – a script that starts all services required to launch WebSpellChecker when running the container, including configureFiles.pl and configureWebServer.pl on container startup.
- Dockerfile – a file describing the sequence of commands required to create a Docker image with WebSpellChecker Server based on the latest **Ubuntu**;
- DockerfileCentOS – a file describing the sequence of commands required to create a Docker image with WebSpellChecker Server based on the latest **CentOS**;
- DockerfileRedHat – a file describing the sequence of commands required to create a Docker image with WebSpellChecker Server based on the latest **Red Hat Universal Base Image 8**;
- README.md – a file containing instructions on how to create and use a custom Docker image, its settings, as well as instructions on launching the container from this Docker image and description of further steps.

Further Steps

After a Docker container with WProofreader is up and running, integrate it into your web application following the instructions of the following sections:

- Get Started with WProofreader Server (autoSearch)
- Configuring WProofreader Server in WYSIWYG Editors
- WProofreader Customization Options