

translate5 > 5.8.0 - needed visualreview to docker migration

With version 5.8.0 translate5 is able to run completely in docker containers - making installation and scaling much more easier.

Therefore all services were migrated into docker containers or already existing docker containers are used.



An existing translate5 installation may remain as it is, only users of the non public VisualReview Plug-In has to setup and configure the following needed services as docker containers as explained below.

In other words: if you setup translate5 completely with docker containers the steps in this manual here is not needed!

Since the VisualReview Plug-In is not public, the pdfconverter container is also not public. In order to use it, we have to provide you an access token to docker hub. Please ask for that! See also [translate5 docker installation manual](#) for additional information.

The [translate5 docker installation manual](#) contains a docker-compose configuration file for all services and more advanced information.

Docker containers and local DNS configuration

```
# with the execution (and download) of the following docker containers you agree the licenses of the software
in the containers!
docker run -d --restart unless-stopped --name visualbrowser -p 127.0.0.2:3000:3000/tcp -e
CONNECTION_TIMEOUT=600000 -e DEFAULT_IGNORE_HTTPS_ERRORS=true -e MAX_PAYLOAD_SIZE=50mb browserless/chrome
docker run -d --restart unless-stopped --name pdfconverter -p 127.0.0.2:8086:8086/tcp translate5/pdfconverter

# get the docker internal IP address of the above started visualbrowser container:
docker inspect visualbrowser | grep -i IPAddress

echo "127.0.0.2      pdfconverter" >> /etc/hosts
echo "IP_ADDRESS_GREPPED_ABOVE      visualbrowser" >> /etc/hosts
```



The IP address of visualbrowser must be updated in /etc/hosts after a renew/restart of the visualbrowser container!

This is an open todo to make it static: <https://stackoverflow.com/questions/27937185/assign-static-ip-to-docker-container>

Apache config

The following code block must be added to the apache vhost section serving translate5 - replace ABSOLUTE_PATH_TO_TRANSLATE5 with your local translate5 directory path:

Restart apache after that.

Add to your apache vhost of translate5

```
Alias /visual "/ABSOLUTE_PATH_TO_TRANSLATE5/data/visual"
<Directory "/ABSOLUTE_PATH_TO_TRANSLATE5/data/visual">
    AllowOverride All
    Options Indexes FollowSymLinks
    # Options Indexes FollowSymLinks SymLinksIfOwnerMatch
    Order allow,deny
    Allow from all
</Directory>
```

Translate5 config

The following configurations contains the URLs pointing to the services in the docker containers. They are set correctly by default if you add the above entries to /etc/hosts.

- runtimeOptions.plugins.VisualReview.pdfconverterUrl
- runtimeOptions.plugins.VisualReview.dockerizedHeadlessChromeUrl

The old "runtimeOptions.plugins.VisualReview.shellCommandGoogleChrome" is removed in favour of the above URL based configuration.