Treelets Documentation

This page contains the documentation of the Treelets phraseology extraction tool. The main topics covered here include:

- Configuring and running the Treelets docker container, which includes the Postgres database, Java API, angular web application, nginx server etc.
- Parsing and indexing corpora, generating and searching automatic combinatorial dictionaries extracted with Treelets

Any issues related to Treelets should be reported to the contact[at]pelcra.pl.

Docker Installation

Treelets can be installed locally as a Docker container on any major operating system. The installation process varies for different operating systems. The following pages explain how to install Treelets on:

- Ubuntu 18.04/19.10
- Linux Mint
- Mac OS 10.15 Catalina
- Windows 10 Professional
- Windows 10 Home

Requirements

- Unix environment, Windows 10 Home or Professional, Mac OS environment
- Docker Desktop for Windows 10 Professional or Mac OS
- Docker Toolbox on Windows 10 Home

Docker useful commands

```
# View instances with container id
sudo docker ps
# Logs
sudo docker-compose logs

# Monitoring
sudo docker stats

# Connect sql command
sudo docker exec -it {container_id} sh
psql -U treelets treelets
select * from info.config;
select version();
\q
```

```
exit
# Stop
sudo docker-compose stop
# Remove
sudo docker-compose down
```

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