



# psGUI release

Ljubomir Hrboka

GN5-1 Work Package 6 Task 3

Monitoring and Management

4th European perfSONAR User Workshop

14th - 16th May 2024 Trondheim, Norway

Public (PU)

## pScheduler GUI

Graphical user interface for starting on-demand measurements via pScheduler API and display the results graphically.

This GUI is a part of the [perfSONAR project](#).

perfSONAR

This GUI is hosted by

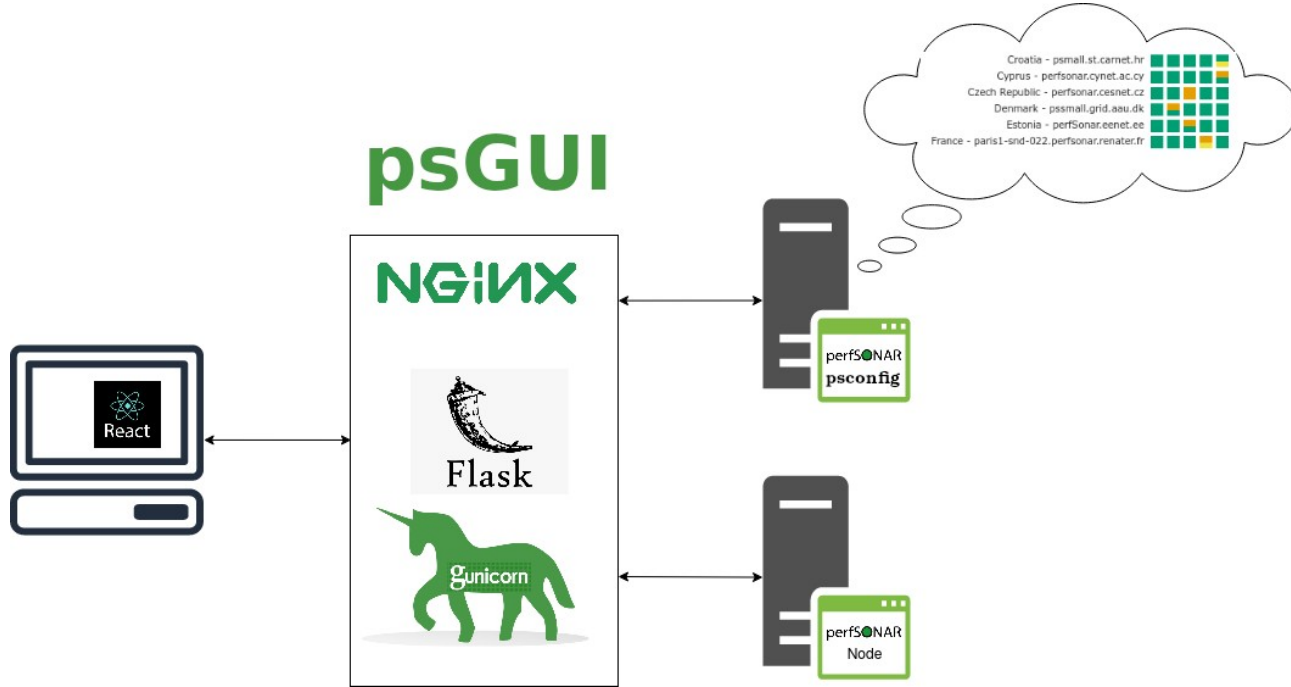
GÉANT

as a part of the [Performance Measurement Platform \(PMP\)](#)

This GUI instance is connected to the <https://pmp-central.geant.org/maddash-webui/>.

Please report any issues at [psGUI perfSONAR github repository](#)

# psGUI architecture



# Code

- Frontend and docker files  
<https://github.com/perfsonar/psgui>
- Backend  
<https://github.com/perfsonar/psproxy>
  
- Release tagged v5.1.0-b1.0

# Docker

- `build_single_image`  
If you want to create your own custom image
- `local_development`  
if you want to use this for local development
- `simple_install`  
If you want to get things set up and running quickly

## local\_development

- Intended for testing purposes or for running the app from your local pc
- **docker-compose up --build -d**
- **docker-compose down**

# build\_single\_image

- `custom_config.py` - Backend config to customize PSCONFIG location of your mash
- `custom_TestDefaultValues.js` - Frontend config to customize URL location of your mash
- `Dockerfile`
- `entrypoint.sh` - script for executing yarn build to include `custom_TestDefaultValues.js`
- `.htpasswd` - default user:pass are psgui:psgui
- `nginx.conf` - custom nginx config
- `nginx.crt` - nginx self-signed certificate
- `nginx.key` - nginx self-signed certificate key
- `supervisord.conf` - supervisor config to run stuff inside container
  
- **`docker build -t psgui .`**
- **`docker run -d -p 443:443 psgui`**

# simple\_install

- `custom_config.py` - Backend config to customize PSCONFIG location of your mash
- `custom_TestDefaultValues.js` - Frontend config to customize URL location of your mash
- `docker-compose.yml`
- Dockerfile
- `.htpasswd` - default user:pass are psgui:psgui
- `nginx.conf` - custom nginx config
- `nginx.crt` - nginx self-signed certificate
- `nginx.key` - nginx self-signed certificate key
  
- **`docker-compose up --build -d`**
- **`docker-compose down`**





# Thank You!

**ljubomir@carnet.hr**

[www.geant.org](http://www.geant.org)



Co-funded by  
the European Union