bioWES – basic use

Creating an account

1. Connect to public server - http://160.217.215.251/ (insert address into your web browser)
2. Click on “Registration”
3. Fill in required data and click on “Create the user account”
4. Return to the homepage “Home/Sign-in”
5. Use your login name and password to log into the system
6. Your user account is now activated

Installing the system on your PC

7. Download the latest installation of the bioWES client from this address http://www.biowes.org/biowes-client/
8. Run the downloaded file
9. Install the client into a folder with write and read rights (use default settings)
10. After the installation has ended, run the bioWES client using the bioWES desktop icon
11. Log in using your login name and password that you created in the first step

Using the system

Client – software installed on your PC (bioWES icon on your desktop)

- Creating a report template
- Filling in a report
- Attaching data
- Connecting reports

Web interface (http://160.217.215.251/)

- Viewing connected reports
- Data download
- Report sharing
- Report search

Testing: you can use this demo account to test the system

Name: test@test.cz

Password: test

In order to test individual modules, these modules must be installed from the download section on www.biowes.org. These modules are prepared for testing: Visualization framework – demo, Image representation and analysis (consists of two modules – Entropy calculation and Object marker), Aquatic organism behaviour analysis.

The following protocols are available:

- Protocol: Biocompatibility - TiGr2 – Contract, Biocompatibility – microscopy, Biocompatibility – segmentation, Biocompatibility – TiGr2 - Contact
    - Testing: Verification of web interface and report manager
    - Used to test interlinked individual reports by gradually measuring and processing data.
- Protocol: Upscaling mortality
    - Testing: Verifying functionality of visualization framework.
    - File: 11M-1M.txt
    - Contains data suitable for visualizations using visualization framework demo modules.
- Protocol: Scenedesmus – entropy recalculation
    - Testing: Verifying functionality of the module Image representation and analysis
    - File: All image files
- Protocol: Fish light regime study – measurement
    - Testing: Verifying functionality of the module Aquatic organism behaviour analysis
    - File: All files attached to report