

SMART-GUI (SMART Graphic User Interface)

SMART-GUI was made to make easier the use of SMART. It allows to view all the results of the tests in real-time in a graph and to compare the single algorithms of the experiments (also of old experiments) through the tabs.

The execution of SMART-GUI is totally independent from SMART, it uses the multi-thread to execute the gui and the smart process to don't affect the efficiency of smart.

What SMART-GUI can do?

It allows to run any tests of your smart folder that can be linked through the menu button "Setup SMART-GUI". Moreover, any results of tests will be showed in a graph in tabs during the running of smart, while the text output of smart will be showed next to the graph.

SMART-GUI makes easy the customization of the tests through input text parameters and checkbox to choose the output format (txt, LaTeX, PDF, etc.) and the text buffer (protein, genoma, rand2 etc.).

As smart, it can select algorithms or add new algorithms and run tests on it. During any test it shows the status through a progress bar. When a single experiments ends the GUI shows more statistics results through a web view opening the html format result.