User manual

System requirement

- Mono 2.0 and above or .Net Framework 2.0 and above

- GTK# 2.12.0 and above

- library `monoclips`

    - For `Linux` it is nessesary to make symbolic link to `libCLIPSLib.so` from one of the standart paths, listed in the `LD_LIBRARY_PATH`, or to add current location of the file to the variable.

    - For `Windows` it is enough to place `CLIPSLib.dll` in the same directory as `CLIPSNet.dll`, or to place it to `Windows/SYSTEM32` folder.

Run an example

To run a machine learning platform, one should run file `MLPlatform.GtkInterface.exe`. Once it is loaded, to see an example, user have to open list of platform's components (Figure 1)
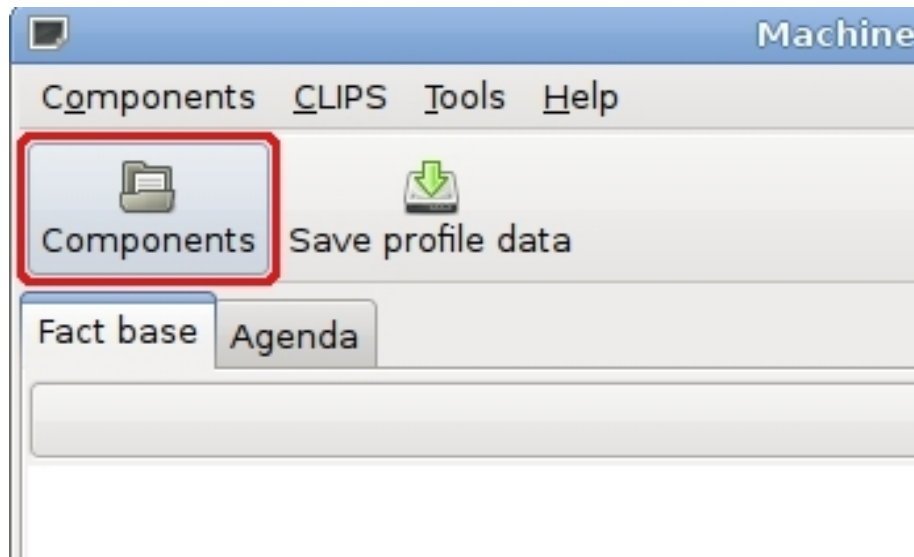

Figure 1: Open components list

For the first launch, the list is empty so assembleys that contains components should be loaded (Figure 2).
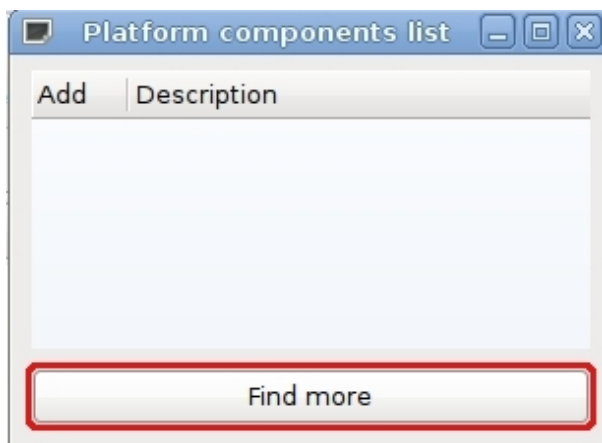

Figure 2: Empty list of components

To run an example files marked on Figure 3 should be added (`JSM.dll` and `WeaponTest.dll`).

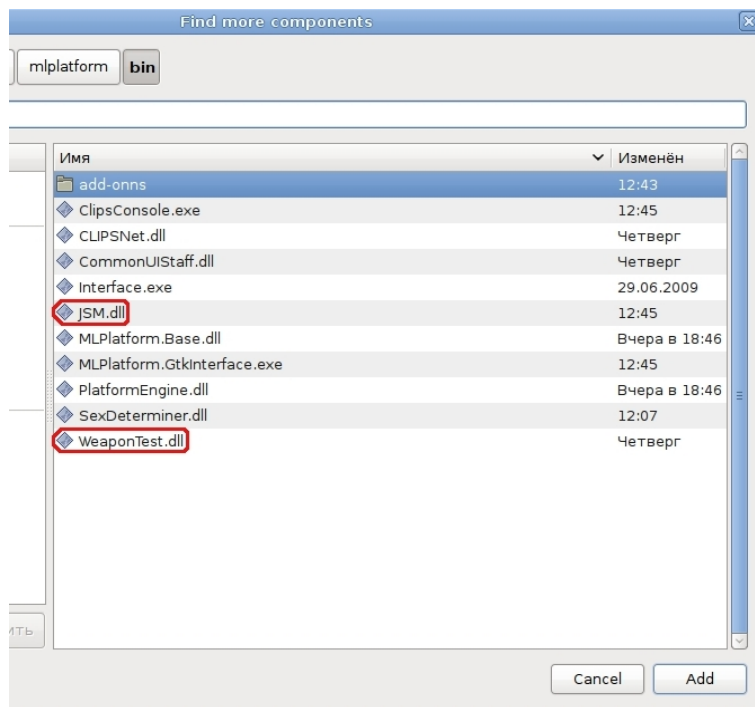

Figure 3: Example files

As these assembleys are opened, components are loaded but not registered in the system. The checkboxes shoud be checked to register the components (Figure 4).
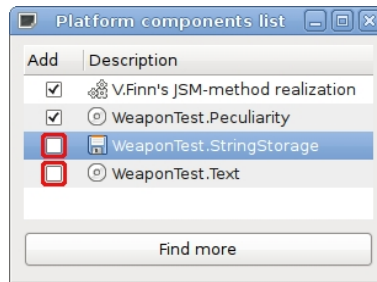

Figure 4: Registering components

After registering components, rules should be loaded (Figure 5).
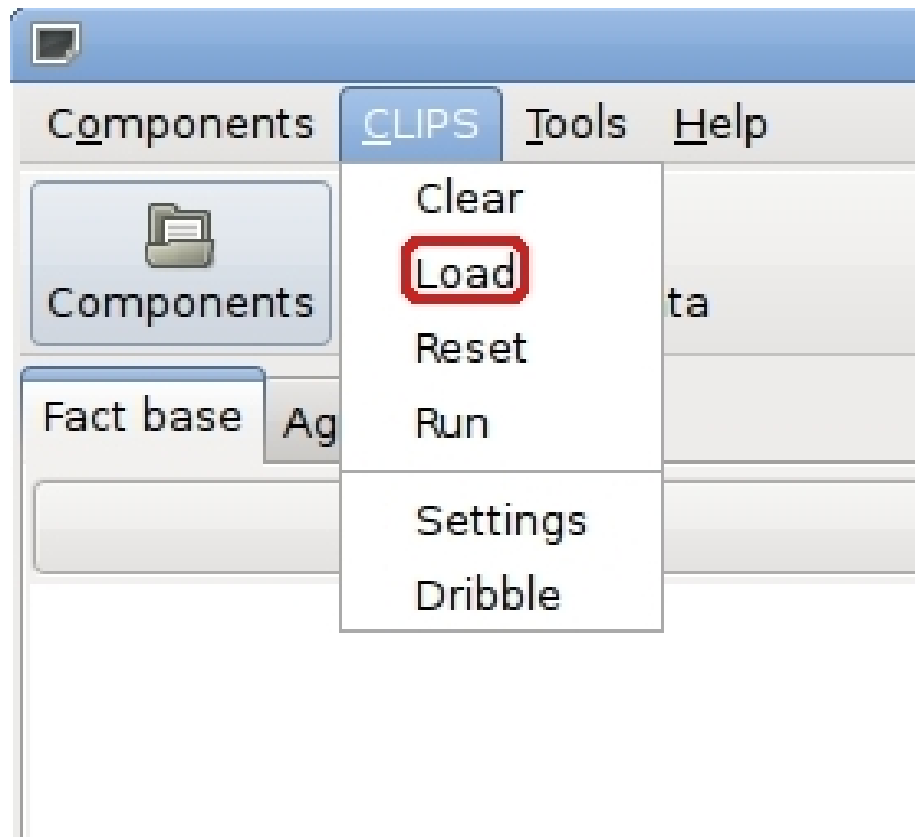

Figure 5: Load education rules

Rules for this example contains calls of external (for CLIPS) functions, and if one loads rules before registering an education engine, CLIPS would fail to parse the rules file.

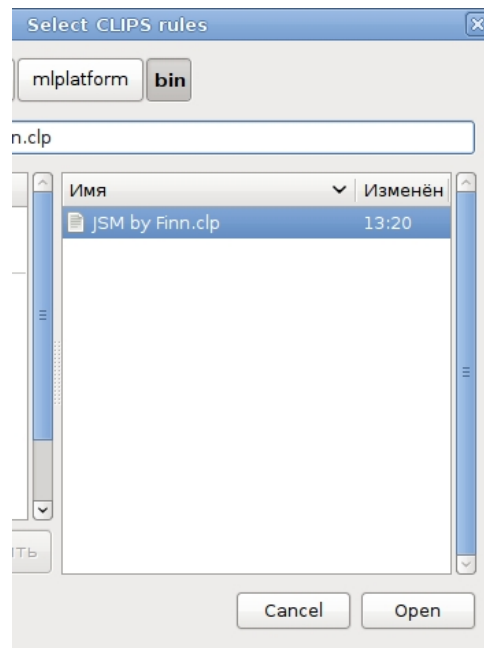For this example `JSM by Finn.clp` file should be used (Figure 6).

Figure 6: Education rules

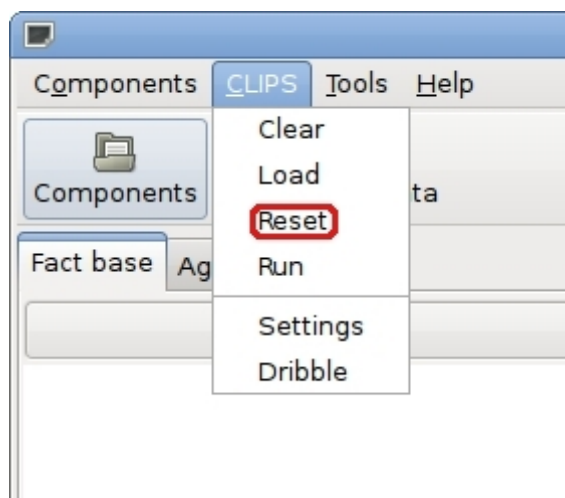After successfull load of rules, CLIPS should be reseted (Figure 7).

Figure 7: Reseting CLIPS

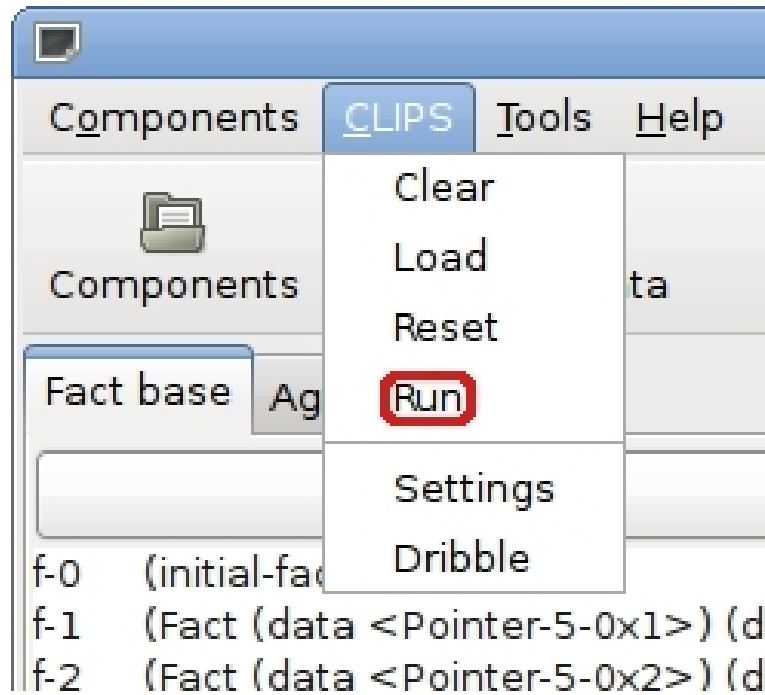After CLIPS is successfully reseted, the education process can be started (Figure 8).

Figure 8: Starting learning process

During learning process (as before it and after), user can change the view to see facts of certain template by chosing that template's name in the form (Figure 9).
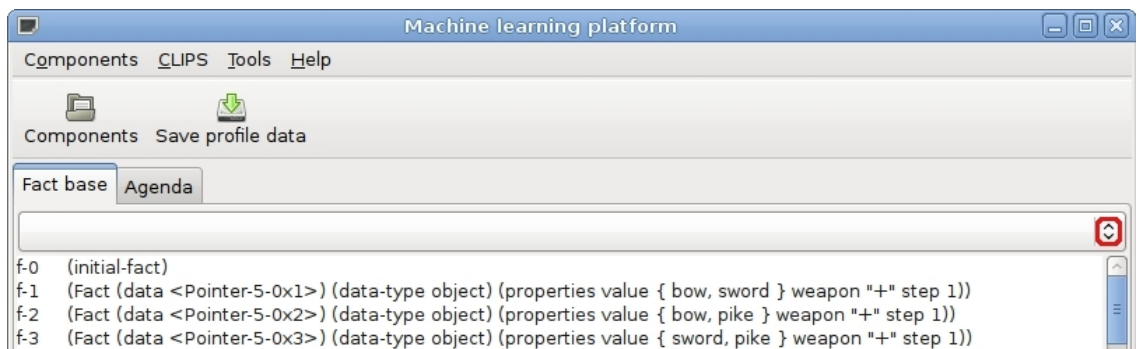

Figure 9: Show certain facts only

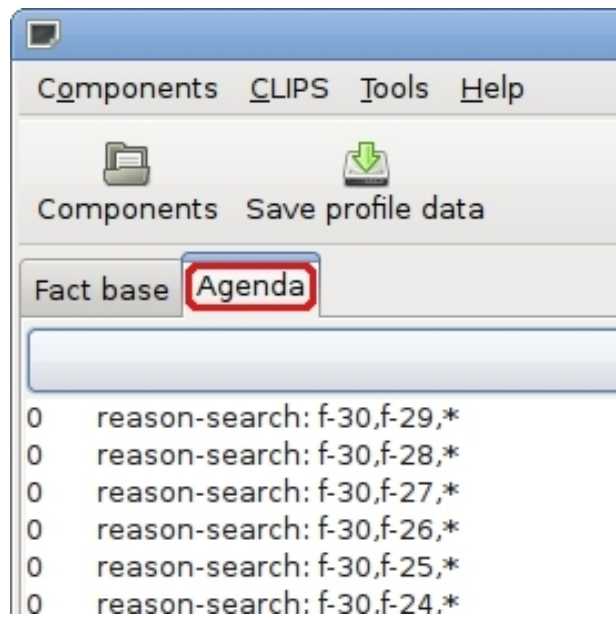During learning process (as before it and after), user can switch the view, to see the agenda (Figure 10).

Figure 10: Show agenda

As it is with facts view, user can change the view of agenda to see activations of a certain rule, by chosing the rule name in the form (Figure 11).
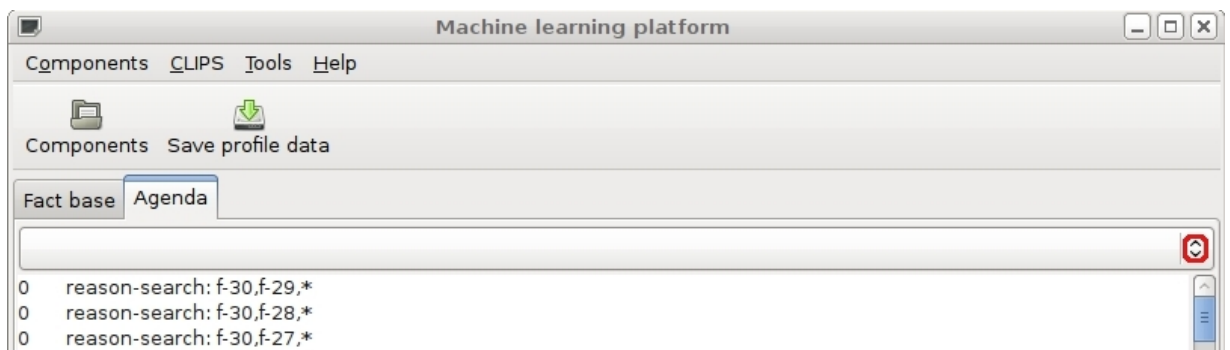

Figure 11: Show activations of a certain rule

After education process is complete, profiling data can be saved to an XML file (Figure 12).
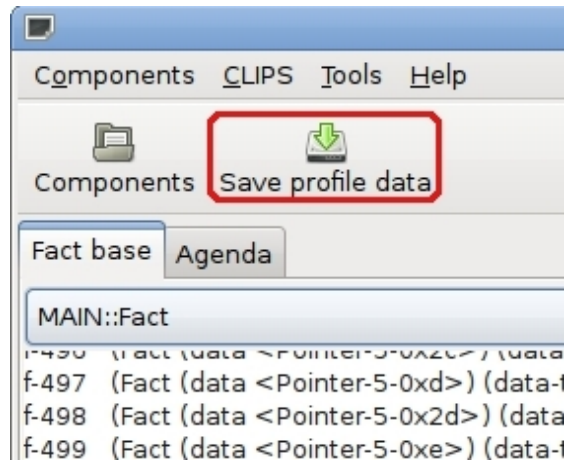

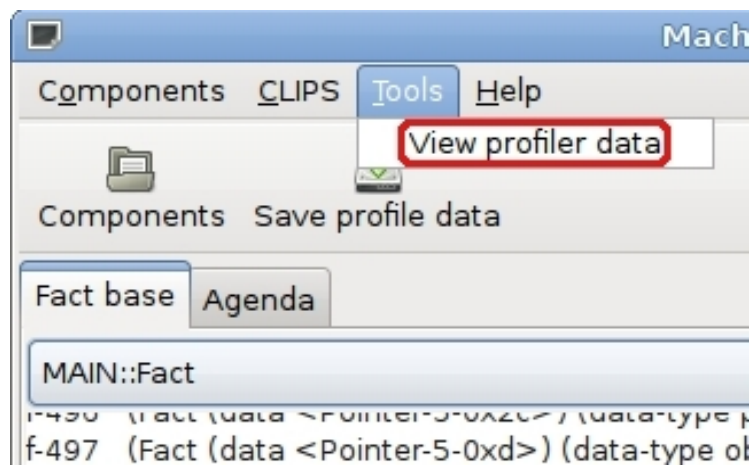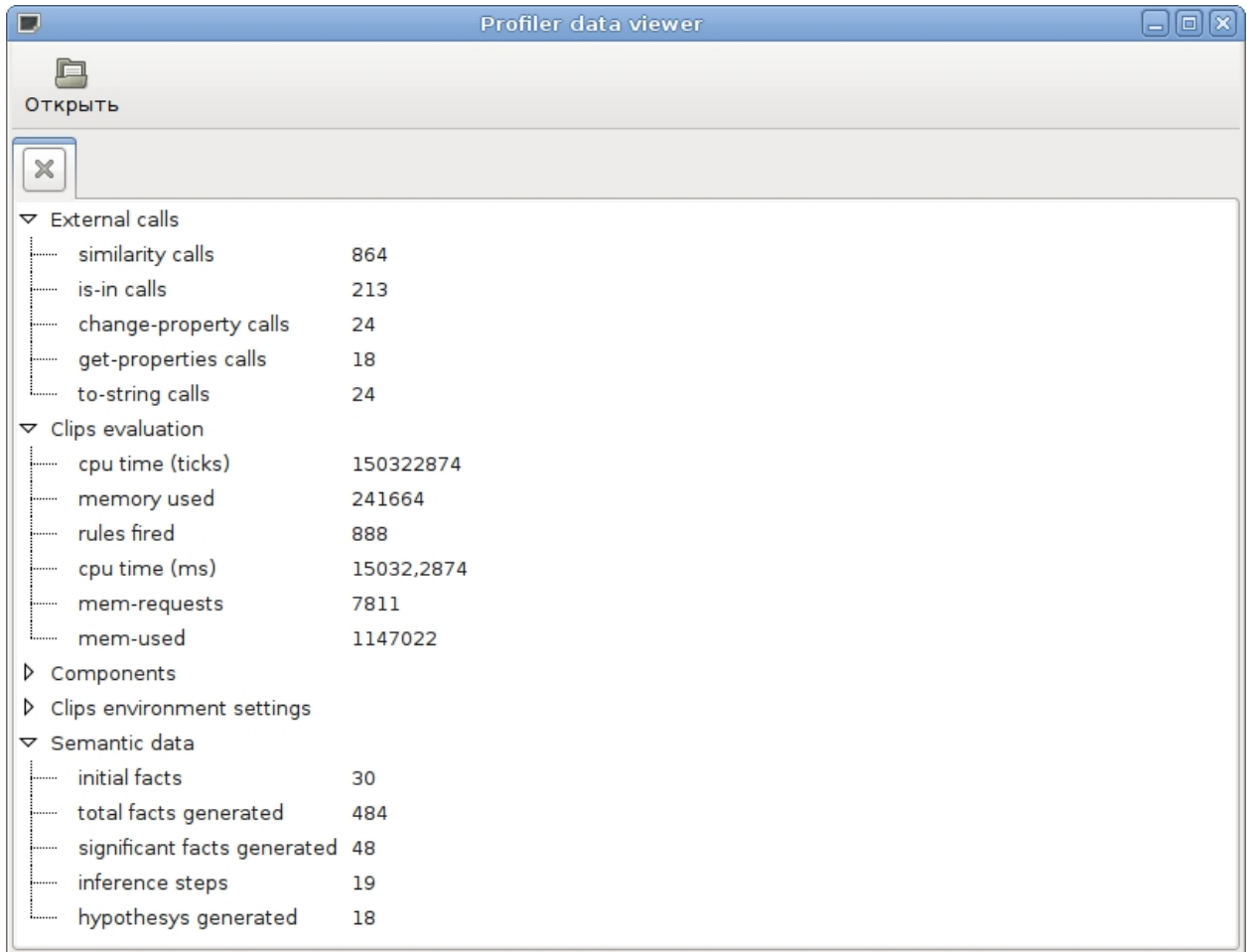Figure 12: Save profiling data

Or it can be viewd in a form (Figure 13, 14).

Figure 13: Show profiling data

Figure 14: View profiling data