

Instructions

Transfer between Yoshiko C++ and Yoshiko Java is shown in Fig.1. Yoshiko C++ side output file is named out.gml; the Yoshiko Java side generated file is named in.sif.

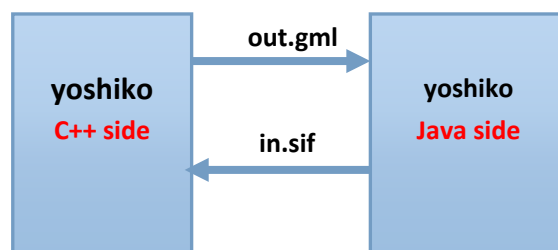


Fig. 1 Schematic diagram of the relationship between data transmission

Test steps:

1. In Cytoscape Open " ex1.cys". (In the menu, select File → Import → Network → File)
2. Add the Yoshiko App and run it, choice Connect options - > PATH, then fill "D:" in the text box. As shown in Fig. 2.

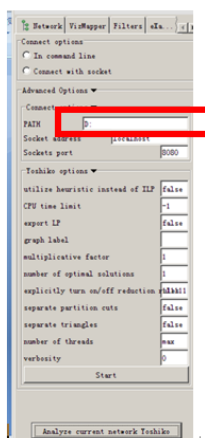


Fig.2 Operator Interface

3. Click on the "Analyze current network Yoshiko" button, will generate a "in.sif" file in the D disk.
4. Under linux environment yoshiko C++ side run instruction ". / Yoshiko-F 2-f in.sif-O 2-o out out_1.gml", It will be to generate out_1.gml files in the D disk.
5. Manual import the out_1.gml file in Cytoscape. The results will be see.

Note:

1. Currently automatically import out_1.gml function in cytoscape is not implemented. If we use sockets to connect the C++ side and java side, this function has little meaning.
2. Upload file contains yoshiko java side source code and test files ex1.cys.
3. Java side program is written based on MCODE, some current code is redundant, finally will be revised.