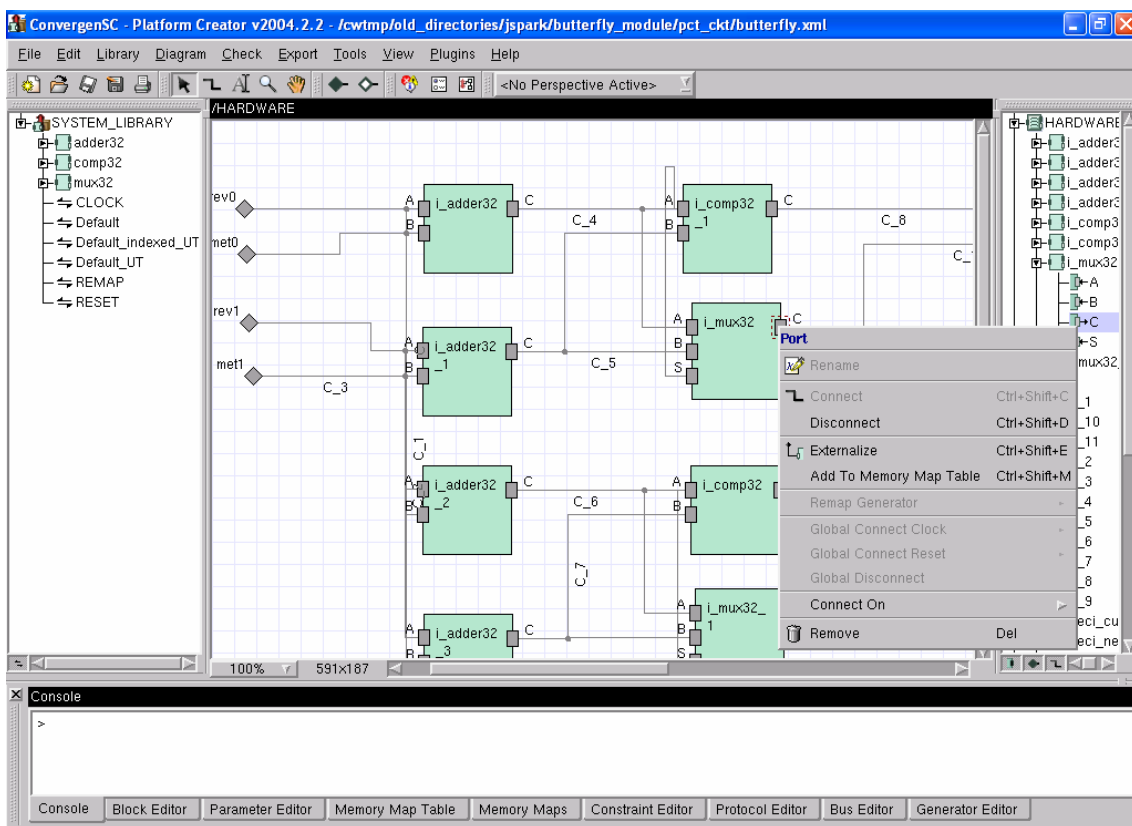


Constructing the synthesizable code from Platform Creator

1. Import the systemC code which contains the basic component modules such as adder, mux and etc. (Please refer to [component.cpp](#) under [top](#) directory.)
2. Construct the platform using imported component modules.
3. When making the input and output port, right click on the port that you want to make as the input/output port and externalize it.



4. After constructing the platform, export Hardware under the folder of your choice.
5. The file HARDWARE.h contains the synthesizable code. But, you need to modify this file a bit to use it as a complete SystemC code. The parts you need to modify are the name of the sc_module and sc_ctor. Please refer to perl script [hw2sc.pl](#) under [top](#) directory.
6. You can use above described procedure to construct hierarchical code.

You can find the sample example of butterfly module under [pct_ckt](#) directory.