

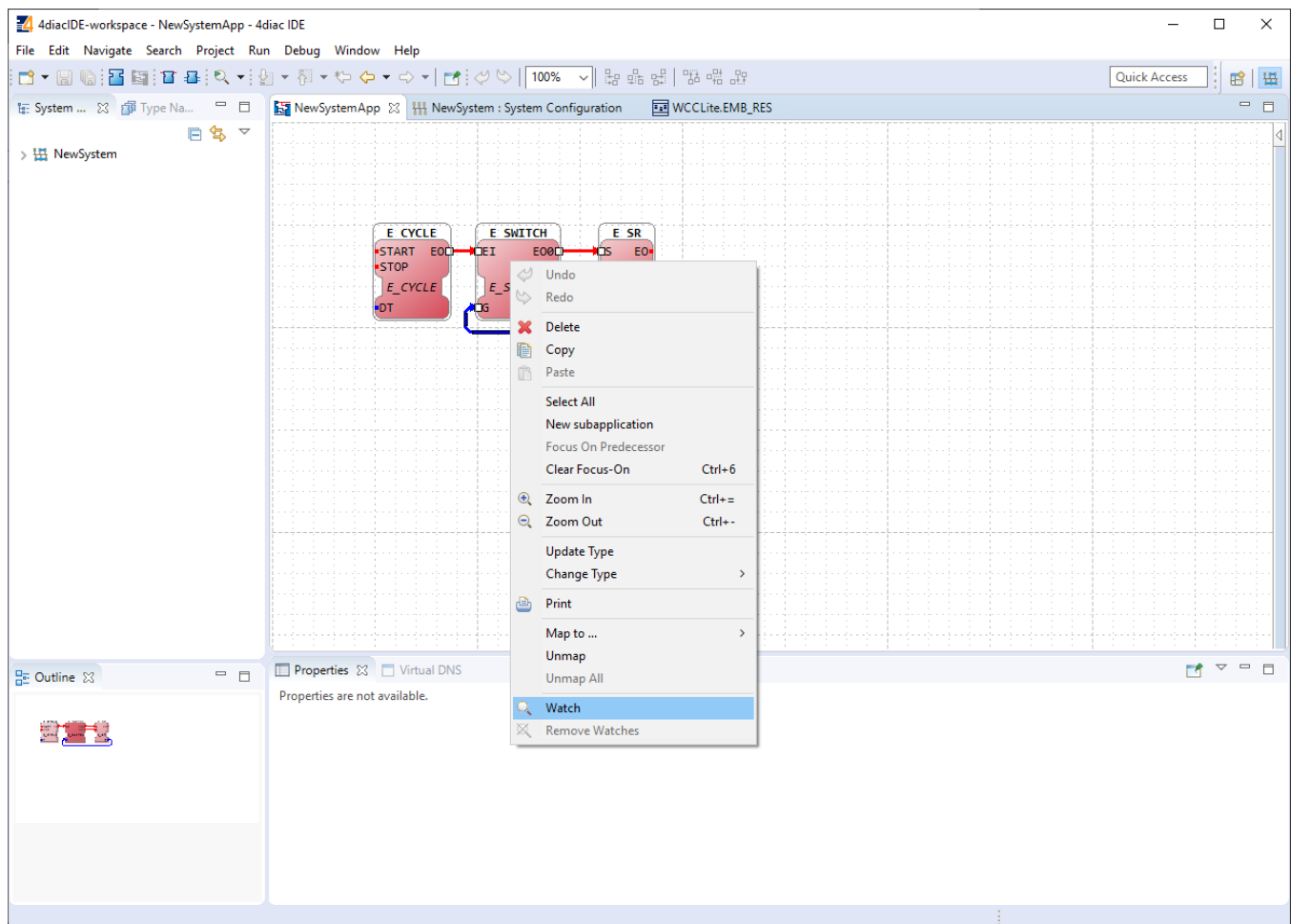
20.5 Debugging an IEC 61499 application

After a project has been built and bound to an existing Excel configuration, a user would normally want to check if every part is working according to the prior requirements before compiling the finished project and uploading it to production. Both the 4Diac framework and WCC Lite offer tools for flexible debugging.

There is a possibility that 4Diac FORTE might not start as a process. It may happen if multiple faults occur and the process has stopped. The process is also programmed to not start if no Excel configuration file is found, therefore a user should make sure that Excel configuration is uploaded and ready for use.

Individual function blocks can be set to Watch mode: events can be triggered and values can be forced at inputs or outputs (look into images below). To monitor the function blocks, the application should be deployed and the IDE should be in Online mode (Debug --> Monitor System --> NewSystem).

Selecting watch mode:



Function blocks in watch mode:

