

Assignment – performance analysis

- Produce detailed speed estimation for:
 - New user registration
 - User authentication to server
 - Obtain list of other users
 - Prepare protected message for another user
 - Unprotect message from another user
- Which function(s) is consuming most of the CPU?
 - provide a list with %, discuss possible improvements
- Upload:
 - 2xA4 with performance analysis

Assignment – code review

- Static code analysis –use 2 tools
- Use some analysis tools
 - gcc -Wall -Wextra
 - MSVS:Project→C/C++ →General →Warning level (/W4 /Wall)
 - call graphs (e.g., Doxygen, <http://cecko.eu/public/doxygen>)
 - Cppcheck (C/C++, Windows) <http://cppcheck.sourceforge.net/>
 - Code complexity
 - ...
- Upload:
 - analysis