

Network project

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1 Introduction

The project for this network course will form part of your assessment. Each group (2 students per project) must give a presentation from the 10th December. Each presentation will last 15 min (11 min presentation + 4 min questions). The aim of this project is to practice and learn how a particular aspect of a network works. This means that, through this project, you need to learn how the lower layers interact!

During this project, do not waste time on GUI! Spend time on understanding how client and server interact.

2 Overview (2014-10-17)

Beforehand, each group will need to give a short overview defining:

- the name of the project,
- the objectives of the project,
- what you want to learn with this project,
- how you will organize yourselves to share the code (USB key, email, git, svn...).

3 Report and Presentation (2014-12-10)

The report and the presentation (**both** pdf files) must be sent by email (To: teaching@auzias.net, Cc:your-partner@email.mail), with the subject: **[NETWORK] student1's name - student2's name**, before the 10th December 2014 08:00 AM.

3.1 Report

A 5-page-pdf report will be handed in containing:

- the name of the project,
- the objectives of the project (and the differences, if any, with the Overview's Objectives),
- what you wanted to learn with this project and what you really learned,
- how you did share the code,
- between 3 and 6 specific captured packets and their explanations,
- the challenges encountered and how you overcame them (this part can be a *subsubsection* of what you really learned).

If the report is made with L^AT_EX, extra credit will be given.

3.2 Presentation

A 15 minute presentation (11 presentation + 4 questions) to promote your project, especially what you learned (and how the lower layers' nodes interact).

If the presentation is made with beamer, extra credit will be given.