

Exercise 4

Instructions:

- The exercises are to be done individually (direct copying of code from friends is not allowed), but you can of course ask your friends for advice. Good place for discussing the assignments and the course in general is channel **#aaltomomib** at IRCNet.
 - Some individuals will be asked to present their work to the group at the exercise sessions.
 - Support for Android development is provided by the course staff.
 - You can also use IOS, Windows phone, Meego etc., but with less support.
 - Testing on real mobile devices is recommended, but not mandatory.
- Be prepared to demo and explain your solution at the exercise session 8.5.2013 **14-16** in T6.

Assignment

You can use either your own solution to exercise 3, or the example solution as the basis for completing this assignment.

Based on the CoAP server you used in assignment 3, create a simple website where you can see a list of connected mobile devices, and stream video from their cameras. Make sure that the website also works on mobile browsers.

Bonus assignment: create a version of the aforementioned website where you can view the video streamed from multiple mobile devices at the same time on one webpage.

Hints for developers:

Jcoap library itself contains a simple in-memory-database, and a http server. You can utilize them in creating the website.

A well-known example of including rtsp content on a webpage is <http://m.youtube.com>.