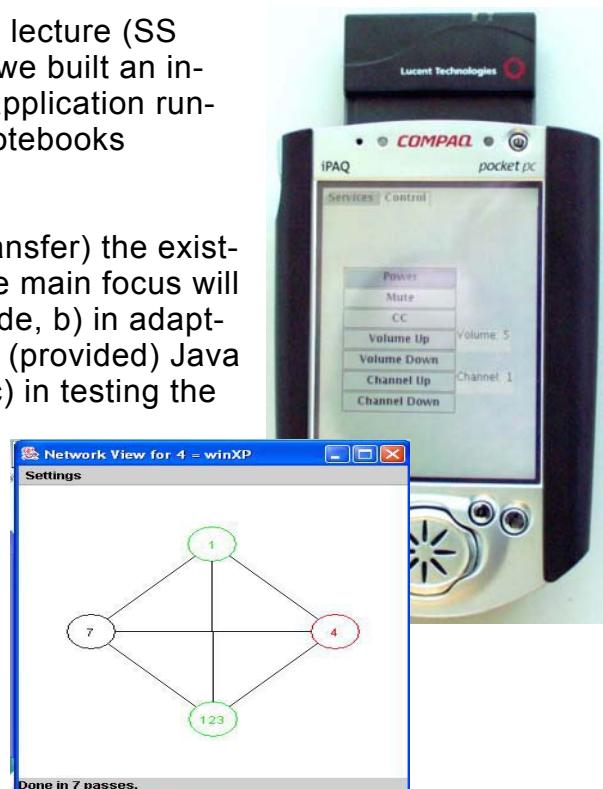


Semester Thesis “Wireless LAN IPAQ”

In the exercises of the “Mobile Computing” lecture (SS 2002) and in subsequent student projects we built an instant messenger and network monitoring application running on an ad-hoc network consisting of notebooks equipped with Wireless LAN cards.

In a first part of this thesis you will port (transfer) the existing Java code to an IPAQ PDA device. The main focus will consist a) in understanding the existing code, b) in adapting the software such that it executes on a (provided) Java Virtual Machine for the IPAQ device, and c) in testing the resulting application. If time permits, you will have the opportunity to extend the existing application with additional features.



Skills

- Interest (maybe even experience) in programming “exotic” devices
- Experience gained in exercises of lecture Mobile Computing will be of help

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