



**TECHNISCHE
UNIVERSITÄT
DRESDEN**

Department of Computer Science Institute for System Architecture, Chair for Computer Networks

APPLICATION DEVELOPMENT FOR MOBILE AND UBIQUITOUS COMPUTING

Seminar Task First Presentation

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Dresden, November 3, 2011

Bluemote

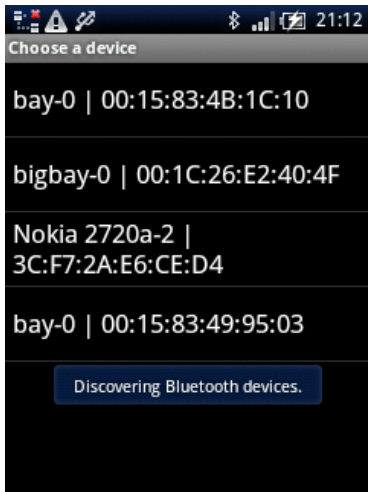


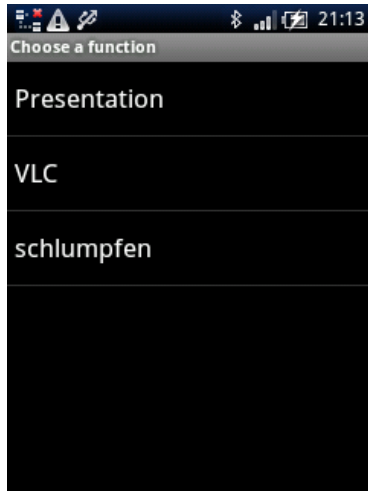
- mobil remote control for stationary devices
- do the next presentation with it!
- watch a movie on a PC while sitting on a couch
- be easy (for developers) to adept to new devices

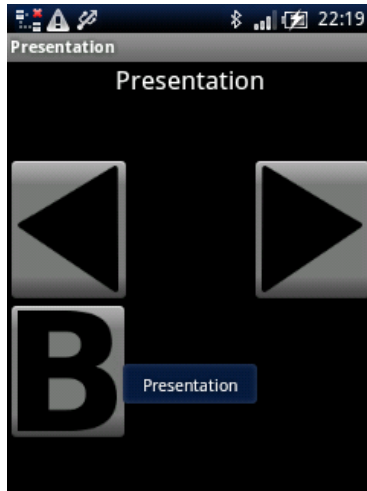
- we have an Android 2.1 phone
- we have PCs
- Bluetooth instead of WLAN for communication
- ~~act as a Bluetooth HID keyboard~~
- emulate keys on the PC via little bluetooth server
- communicate via Bluetooth RFCOMM











- seamless integration
 - connect automatically to known devices
 - start last used remote control function
 - ~~no change on the stationary device~~
- ~~seamless integration~~
 - little bluetooth server necessary
 - connect a USB stick with it to the PC
- context awareness
 - pause media player on call
- extensible software
 - easy (not hacky) addition of remote control functions

- prototype and learn more about Android SDK
- presentation remote control function
- media player (VLC) remote control function
- movie night (gathering bug reports)
- fixing bugs, stabilize

- if there is time, implementing first known HID keyboard service for Android phones

