

Project Description for the summer course TIG-055

Andreas Löfman
Felix Barring

2014-06-23

Abstract

We want to create an application for the android system so that the user can connect a phone or tablet to a PC(Linux/Mac/Windows) and be able to send mouse and keyboard events. Essentially the android device will act as a controller for the PC. The android application will feature a GUI that provides easy means to controll the the desktop computer, consisting of a qwerty keyboard and a rectangular area for a trackpad. We might also attempt to use the gyro functionality to controll the mouse, depending on our owerall progress.

Technical Details

To achieve our goals we will need to implement the following features.

- An android application that have an easy to use GUI consisting of a view for keyboard and track pad as well view for settings and connection to a java server.
- A java server that is responsible for the comunication between the PC and the android device.
- A swing user interface on the PC that will be sesponsible for connecting to the server.
- More shit...