The personal computer is at the center of attention for a large portion of our daily lives. In electronics education and research it is used to write code, design and simulate circuits, take measurments and to write about the the results. This project focuses on the borderlands between the latter two; connecting lab equipment and results presentation.

0.1 Background

Doing lab work often includes tedious, repetitive and time-consuming tasks. Some times good solutions are lacking, for example when a large series of values need to be measured at different signal frequencies, or when students are encouraged to take photographs of the oscilloscope screen for presenting in lab reports.

0.2 Purpose

The goal of this project was to investigate weather Matlab could be used to create a common interface to speed up and streamline electronic lab tasks and documentation.