

Homework 7: Listings and Project

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The goal of this homework was to keep introducing the students on the files of the Kernel and some ideas and keep the development of the project.

This assignment was splitted in two big sides, the first one about the kernel structure and the second one about the project. On the first part we had to find some files and get some outputs from the boot and the kernel structure, showing the differences between two boot ups time. The difference found on the comparison was approximately 4 seconds faster for the second boot after removing quite from uEnv.txt.

On big trouble found during this step was to really install the kernel on the bone, the instructions were complete but a little bit confusing, making the installation a little bit harder than it really is. After some explanations from Dr. Yoder the installation and found the files was pretty straight forward.

About the project, the group got some neon pixel grids to work on it, and start think about some cool interfaces and connections between the LEDs and other sensors, like audio sensors or proximity sensors, to make the helmet more interactive with the ambient.

All the tasks were successfully achieved without big difficulties or problems.