

Maturitätsarbeit

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Ich würde gern meine Arbeit auf Englisch schreiben. Zudem sind die meisten Begriffe sowieso schon auf Englisch

Goal

The goal is to learn how a computer's os works and therefore I want to write a functioning Operating System from Scratch. Here "functioning" is left open for now, because I am not really sure what I can fit into the limited time (obviously, I never wrote an os before). I reckon that text interface, keyboard and rw disk should be possible.

Question

What is required for a basic (left open intentionally) OS and how do the components work together?

Rough Schedule / Plan

1. Get to know C++ better (outside school)
2. Follow some basic tutorials from wiki.osdev.org & youtube to get the basic idea

3. Take what's needed from the tutorials and complement it with some code to achieve the final goal
4. (Question your existence while debugging)
5. Present the final product

Product

As previously said, this is left open for now, because I am not sure what I can achieve. Here's what I hope to hack together:

- A booting os (might just use grub to boot) with:
 - Text Support
 - Disk Read & Write
 - Keyboard Support
 - Basic Execution of programs