

Linux Kernel Programming Preparation for Project 06

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Project 06 preparation

- ▶ In project 06 you will develop a simple **non-volatile storage system working with flash memory**
- ▶ You will not start from nothing: a basic prototype will be given to you
 - ▶ Kernel module code + user-space support
- ▶ The prototype presents some serious limitations that you will be asked to **identify and solve**
 - ▶ Solving a specific limitation will be imposed
 - ▶ Other limitations to solve can be picked up in a list
- ▶ Assignment PDF + prototype description and code will be **released in advance so you can study it and identify the limitations before the actual project start date**
- ▶ **We will review the limitations list before the project start date in a lecture session**

Timeline

- ▶ Tuesday 04/04:
 - ▶ **PDF + prototype code released: need to study it and identify the limitations**
 - ▶ Relatively quick and straightforward work, the **prototype textual description** (in the PDF) should help in identifying most of the limitations
 - ▶ Lecture concerning flash memory
- ▶ Thursday 04/06:
 - ▶ **Send an email by the morning to the instructor with the list of limitations** and a one/two sentence(s) description of each item in the list
 - ▶ In the evening lecture session, we **review the limitations and discuss about solutions**
- ▶ Friday 04/07: **actual start of the project**, will run until the end of the semester (05/03)