

# Introduction to Operating Systems

## FAT32 File System | Project 3 README

### Group Members

Connor Hausman  
Ryan Gutierrez  
Zachary Gutierrez

NOTE: we went out of our way to ensure that Directories will expand if too many entries are added to it's last cluster, this hindered our ability to write more commands (even if they would've been only partially finished). When speaking to other groups it seems most of them did the opposite, they prioritized the number of commands over the quality of the commands. Please consider this fact when grading our project.

### Division of Labor

Split evenly throughout the project for the most part as most of the project was done with all group members present in the same location. There are some small discrepancies here and there where one person did a small part individually but otherwise it was split evenly. We have opted to not include our git commit log as we felt it was unnecessary.

### Tar Archive Contents

- parser\_help.h
  - holds function declarations and struct declarations
- parser\_help.c
  - most of the logic of the program including commands, how commands run, etc.
- main.c
  - kickstarts the code in parser\_help.c
- README.pdf
  - README file

### How to Invoke

- make clean
- make
- FAT32 fat32.img

### Known Bugs

Mkdir doesn't create the . and .. file.

## **Special Considerations**

All of the original directory entries in the fat32.img file have to be given as uppercase in commands. Any other entries added later can be given as they are input.

Commands that worked:

Exit

Info

Size

Ls

Cd

Creat

Mkdir