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1 Math 480: Open Source Mathematical Software

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1.1 Lectures 3: Using SageMathCloud (part 2 of 2)

1.2 Topics for today

- Backups
 - Exercise: open a file from a backup; copy a file from a backup
- Deleting stuff:
 - deleting files
 - * Exercise: delete a file, then empty the trash
 - hiding projects
 - * Exercise: hide your project from yourself, confirm in project list, then unhide it
 - creating/deleting projects
 - * Exercise: delete and undelete your project.
- Jupyter notebooks
 - Exercise: create a jupyter notebook, then evaluate $2+3$, then try some of the kernels (e.g., a little R or Julia code).

- More about task lists
 - Exercise: Create a todo list for the course with what you need to do HW1!! and note it is due at 6pm tonight!
- Writing and running programs in various languages: Python, Java, C/C++, Go, Fortran
 - For now, you put the code in a file and edit it, then compile and run it using a terminal (just like I did in 1991 as an undergrad)
 - Exercise: Write/copy a hello world Java program, compile it (using javac) and run it. Google at will for how to do this.