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Ideas

A trash collector for Linux. The idea of this project is to make the Linux virtual machine more efficient by eliminating processes that are unimportant and consuming processing power while leaving processes that the user has greenlit or we determine important alone.

Plans

For the moment we plan on using the entirety of early October to discuss the project and do some early prototype development. Later on in the month we would like to have some of the more basic functionalities of the program up and running while doing more testing on the other more complex functionalities. During November we will be focusing on polishing our code, making it take as little processing power as needed and finishing the more complex functionalities of our program.

Deliverables/Functionalities

We expect, at least, to have a basic program that acts as a Java esque trash collector, but for an operating system. This won't just delete processes that the program deems unnecessary, but will attempt to suppress processes that are taking too much processing power while they are being unused. The user can greenlight certain programs and the program will ignore them entirely. We can even implement different levels of greenlighting.

We expect to deliver a baseline of at least unnecessary program deletion and low processing usage from this program. Further than that greelighting, program suppression, and a better user interface are extra functionalities that we are hoping to deliver.