

This Secure Turing-Complete Sandbox supports C or C++ binary files. Once the program's binaries, either `powerOf2.c` or `first10Fib.c` has been passed and memory set over 4500000 bytes then the sandbox will then fork a process creating a whole new memory space for the child process and limit the memory to the passed argument using `setrlimit`. The sandbox uses piping in order to receive output from the child process (sample program) and creates another fork to display output to console, that way the parent process can exit. This sandbox is Turing-complete because it provides a limited amount of resources for a program to run and it can compute any computable problem.