Development Diary

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| **Date and time** | **Summary** | **Issues encountered** | **Notes/thoughts** |
| 22/11/2018 17:00-19:45 | Started work on stage 1. Started solution for chdir and getcwd. | Initially struggled to find out how to create system calls. |  |
| 23/11/2018 15:00-18:00 | Continued work on stage 1. Added all the required pieces for system calls to function. Continued building solution for chdir and getcwd. | Repeated cd calls weren’t adding to the CWD but were instead replacing it. |  |
| 24/11/2018 12:00-14:00 | Rewrote solution for chdir. Solution seems to work now.  Started work on stage 2. Added required pieces for the new system calls but no actual functionality. | If an attempt gets made to run some program (e.g. typing bob into the CLI, when making valid cd calls after this, the CWD will be full of unintended characters). | Does stage 1 need to check if the directories exist before making changes to myProcess()->Cwd? Seems right now just to be a glorified string appender. |
| 30/11/2018 15:00-18:00 | Fixed bug with chdir that meant the new directory after a 'cd' wouldn't be terminated correctly.  Added some more things for ls (makefile changes, ls.c) and some basic path of execution for when ls is called (when certain response codes are returned by opendir, readdir, etc.). | Initially did not understand the issue causing the chdir but, but soon found (with Wayne's help) that the safestrcpy method was not doing any terminating. | I currently do not know how best to get the current directory for when 'ls' is called without a directory specified. I also do not know how best to handle creating a directory descriptor. |
| 01/12/2018 15:00-15:30 | Added in functionality to support ‘cd ..’ to go up a directory. | None. | Could possibly implement something like cd ‘../../’ another time. |
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