CMSI 387-01

OPERATING SYSTEMS

Spring 2013

Assignment 0312 Feedback

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Your commit log shows that you did some work here, but the final state of your repository shows a kernel patch file of 0 length. You might want to re-checkout some prior commits to retrace your steps and figure out where the patch file creation process might have gone wrong.

However, despite the issues with the committed patch file, your "how-to" web page should not have been affected, and this was not seen under your *my.cs.lmu.edu* account. This one does clearly affect your other proficiencies. Meanwhile, I will leave most other outcomes unevaluated.

1a — Proficiency pending resolution of patch file problem; unevaluated for now. (**O**)

2a — Proficiency pending resolution of patch file problem; unevaluated for now. (**O**)

2b — Proficiency pending resolution of patch file problem; unevaluated for now. (**O**)

4a — Proficiency pending resolution of patch file problem; unevaluated for now. (**O**)

4b — Proficiency pending resolution of patch file problem; unevaluated for now. (**O**)

4c — Proficiency pending resolution of patch file problem; unevaluated for now. (**O**)

4d — Based on the files preceding the most recent commit, you appear to have built a kernel successfully. However, even if you did, the "how-to" web page is missing, and that drags down this proficiency no matter what. (**/**)

4e — Commits of kernel files noted but the miscue with the patch file and the apparent committing of the entire source tarball suggests some issues with version control use. (**/**)

4f — Presumed to be submitted a day late. (**|**)

Updated proficiencies covering commits up to April 28:

1a — You have successfully committed a patch file, but it is binary only. It appears that you only went as far as building a kernel, but did not make it to the creation of a new system call. I can see now why your original patch file ended up with a length of 0—no source was touched after all. For this outcome, you do show command-line proficiency, so we will let that stand. (**+**)

2a — You have successfully built and deployed an operating system kernel. However, this is an *unmodified* operating system kernel, and thus at the source level does understandably produce a zero-length patch. An understanding of the process should have triggered an explanation for the zero-length patch, and that explanation (whether as a text file, an email to me, or some other form of contact) was never seen. (**|**)

2b — There is no evidence in your work, either in the committed patch nor your how-to web page, that you successfully implemented a new system call. (**–**)

4a — New system call code was not successfully written for this assignment. (**–**)

4b — Without new system call code, separation of concerns was not demonstrated. (**–**)

4c — Without new system call code, there was nothing to read. (**–**)

4d — The how-to page is noted, and it has the correct information for the process that it documents, which is the building and installation of an unmodified kernel. However, it is missing the section for writing and implementing your own system call. (**|**)

4e — With the updated files, it is safe to conclude that your problems were not due to version control use, but due to the unsuccessful implementation of a system call. Version control otherwise went fine. (**+**)