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To Fork or Not to Fork

Fork! Yes its outdated, its terrible for many reasons, but, when designing my own OS I would include the Fork system call. Hopefully by the end of this short paper you will agree with me. My argument is simple. Compatibility. The issue with stripping fork out of an operating system all together is that too many process already use the fork system call. These programs would be rendered useless until someone wrote a patch or completely re formatted the code to use thread instead. Similarly, windows users would like to run Unix based programs. Yes some are compatible with both operating systems, but this is only when the producers of the program have written different versions for each OS. To eliminate this issue, an ideal OS would not only have Fork, but also thread. This would allow for the best compatibility.