

Automated “Real-Life” Event Scheduler

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Abstract

How many times have you heard someone whine that there are not enough hours in a day? This is a growing complaint among professionals, parents and everyday people with planners packed full of appointments and other miscellaneous information. As a result, individuals work hard to fit the demands of their day to day life into 24 hour blocks. So, people are inundated with large amounts of information that needs to be operated upon in a finite amount of time. This presentation proposes a solution to the problem using CPU real-time scheduling algorithms. We used the Earliest Deadline First algorithm as a basis for automated scheduling of real life tasks. We present a formal definition of this scheduling problem and an algorithm that automatically schedules these real life tasks. Please visit the website for further www.spelman.edu/~hardnett/XS/ncur04/.