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Section G

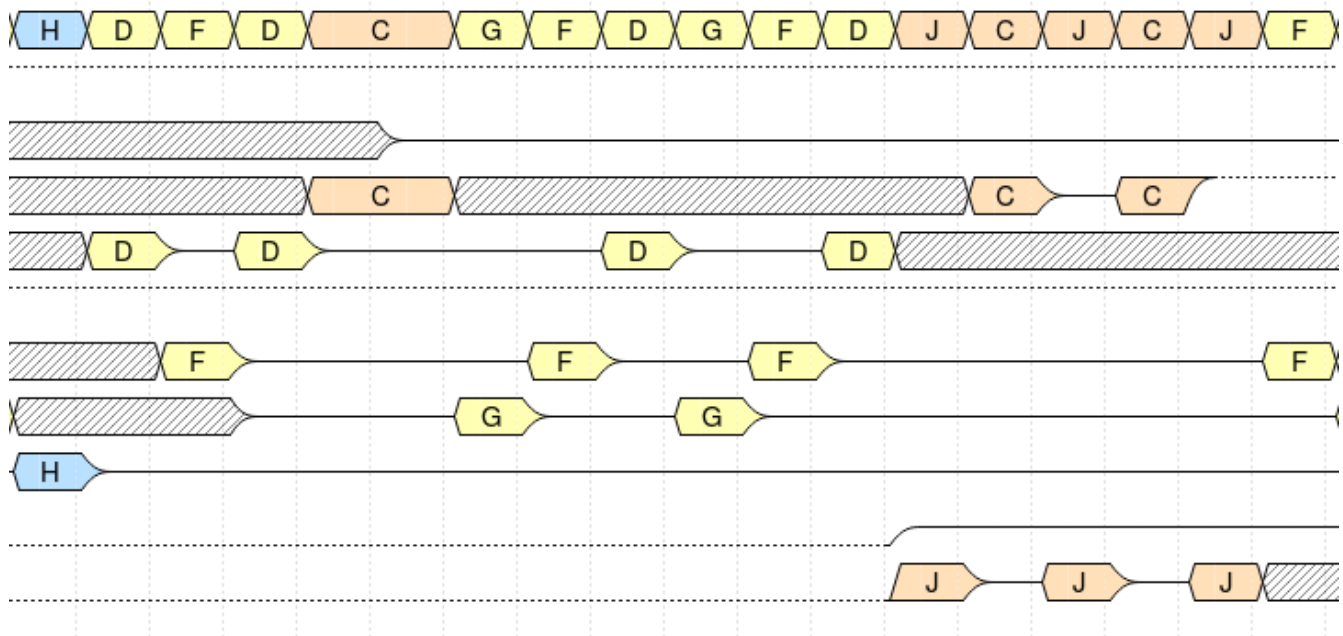
Lab 6

3/29/18

Summary

Through the lab I encountered a handful of issues in developing the solutions, but overall felt the lab was very informative and rewarding. My greatest obstacle was implementing the SRTN algorithm as I did not fully grasp the interface for the scheduler originally.

The most satisfying portion of the lab was the round robin schedulers. They produced some of the most satisfying graphs I have ever seen:



The custom algorithm I implemented is a derivative of the priority round robin. Every time the schedule is checked (on the 1-tick increments) the scheduler will pick a random priority's queue to cycle and cycle either that queue or the queue whose priority would typically be cycled (if possible). In general, the graphs rrr produces are of similar satisfaction level to the other round robin graphs.

Overall, I learned a fair bit about schedulers from this lab and felt it was well-conceived.