MLFQ multi level feedback queue.

In situations where you can adoptively learn from history, do so,

Gool of MIFQ Reep interactive processes interactive

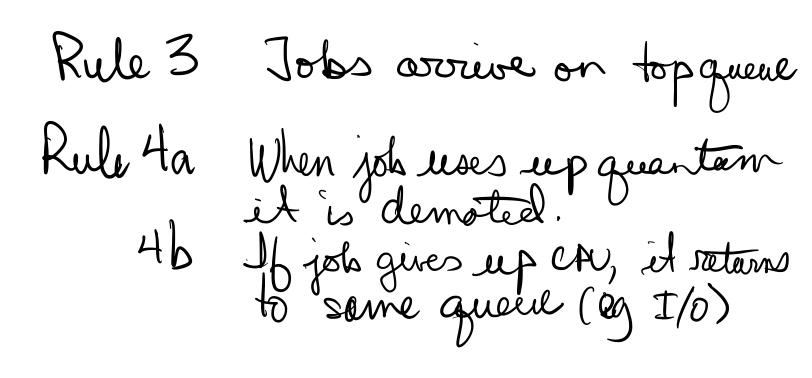
Original Unix scheduler - i.e. the one in the original V6

The more you run, the lower your priority

The lower your priority, the less you sun.

The less you ruen, the higher your prisely

Interactive processes (agi Vi) spends most of its time waiting for input ... not running ... so provit Stays high. MLFQ assumptions: *Multiple levels of priority. *Each has a queue of runnables
*Running tasks are not on any queue #Waiting/blocked tosks are not *on one quete if Pri(A) > Pri(B) run A... ie Aison queve above B. Rule 2 RR* for tasks on same queue * or other algorithm.



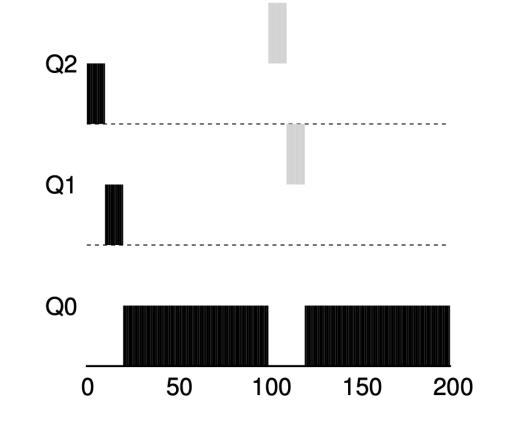
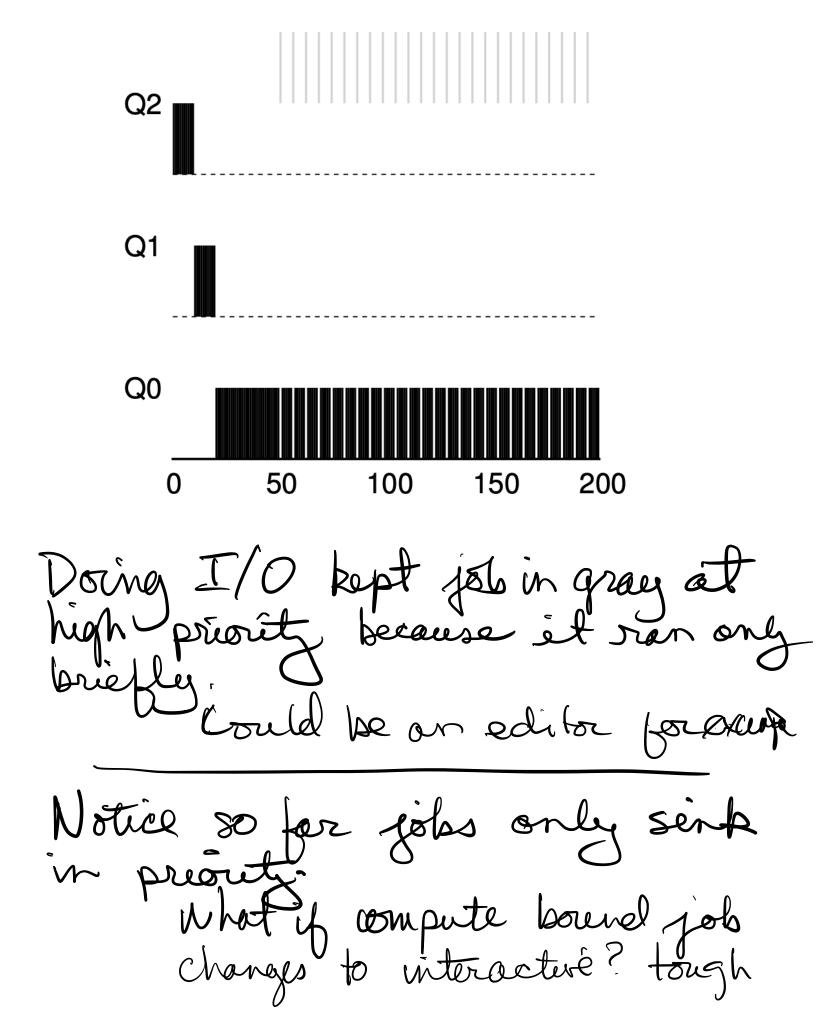


Figure 8.3: Along Came An Interactive Job

See how short job ferrished geirchely? even w/o knowing a head of time?



Rule 5 Ofter a while (called EPXXH) put every job back on highest priority queue and Start over.

Revise Rule H- no more oppty to cheat. Time on you measured comulatives - can't cheat be doing an I/O

MLFQ is basis Scheduler Con BSD dereiratives Solories Windows NT —> Win 11