Homework#2 Group 35 Write-up

Yunfan Li, Zhicheng Fu, Xiang Li

April 27, 2015

1 Shortest Seek Time First Algorithm

if request list is not empty

then
        use list_for_each marco to loop over every request in request list
             find the minimal difference of the header sector's position and the current node sector's position

        use list_for_each marco to loop over every request in request list again
             find the node that has the minimal difference and break

        use list_entry marco to get the structure of the request

        use list_del_init function to delete the request from request list

        use elv_dispatch_sort function to insert the request to system pending queue

        update the header sector's position