USER'S MANUAL

References for commands up to R4

Team Runtime Terror

CS 450 @ WVU

Spring 2021

Commands

alarm

- Description: Creates a message to be displayed at a chosen time
- Syntax: All values must be inputted as alarm-message-hour-minute-second

clear

- Description: Removes all text from the terminal

deletePCB

- Description: Removes PCB from appropriate queue and frees all associated memory.

getDate

- Description: Returns the full date back to the user in decimal form.

getTime

- Description: Retrieves and returns the time values for hours, minutes, and seconds form the clock register. This is in 24 Hour time.

help

- Description: If Help is typed alone, it prints a list of other commands able to be called. If Help is followed by another command, there is helpful information about that command.
- Example: For help with setTime, “help-setTime”

loadInf

- Description: Loads the infinite process

loadr3

- Description: Loads the test processes for R3

resume

- Description: Places a PCB in the not suspended state and reinserts it into the appropriate queue.

setDate

- Description: Sets the date register to the new values that the user inputed
- Syntax: All values must be inputted as setDate-Day-Month-Millennium-Year
- Example: For December 14, 1990 you should input, “setDate-14-12-19-90”

setPriority

- Description: Sets PCB priority and reinserts the process into the correct place in the correct queue.

setTime

- Description: Sets the time register to the new values that the user inputed. This is in 24 Hour time.
- Syntax: All values must be inputted as setTime-Hours-Minutes-Seconds
- Example: For 6:35:51PM you should input, “setTime-18-35-51”

showAll

- Description: Displays the process name, class, state, suspended status, and priority of all PCB in the ready and blocked queues.

showBlocked

- Description: Displays the process name, class, state, suspended status, and priority of all PCB in the blocked queue.

showPCB

- Description: Brief Description: Displays the process name, class, state, suspended status, and priority of a PCB.

showReady

- Description: Displays the process name, class, state, suspended status, and priority of all PCB in the ready queue.

shutdown

- Description: Turns the terminal off

suspend

- Description: Places a PCB in the suspended state and reinserts it into the appropriate queue.

version

- Description: Returns the version of the operating system