.TH GET\_LEVEL\_ALLOC 2 04/08/2020 get\_level\_alloc "System Call"

.SH NAME

get\_level\_alloc - system call that allow the allocation for a given level to be obtained.

.SH SYNOPSIS

get\_level\_alloc (int level)

.PP

syscall(337, int level)

.PP

level - integer process level based on the tag’s LSBs

.SH DESCRIPTION

get\_level\_alloc is a system call that attempts to get the allocated time at that level.

It checks for the specific level and then goes in the running queue to obtain its time value and return it.

If the level is not valid, the system call will return -1.

.SH ERRORS

For any errors, a condition were to fail which it then would return -1.

Such cases include but not limited too:

.PP

a) Invalid level input, a non-numeric input from the range of 0-3.

.SH NOTES

There are several contradictions within the guideline. The ruling outcome is as given:

.PP

a) Four major levels of processes, corresponding to the four levels a process tag may hold (The Major LevelL).

b) Each level is allocated the CPU time with the corresponding allocation time for that level.

.SH SEE ALSO

get\_alloc (3)

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