.TH GET\_TAG 2 03/01/2020 get\_tag "System Call"

.SH NAME

get\_tag - system call that gets the tag of a process

.SH SYNOPSIS

get\_tag(int pid)

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syscall(335, int pid)

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pid - integer process id of target process

.SH DESCRIPTION

get\_tag is a system call that attempts to get the tag of the process identified by pid.

It checks if the pid is a valid running process and then goes in the process to obtain its tag value and return it.

If the pid 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:

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a) Invalid pid input, a pid of a non-running process.

.SH NOTES

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

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a) "The MSB shall be set to 0 always" it means that if new\_tag has a MSB of 1, you should return -1 and not set the tag..SH SEE ALSO

get\_tag(3), retrieve\_get\_tag\_params(3), interpret\_get\_tag\_result(3)

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