

1- About stopping/ending processes:

Ask yourself about

- who:
 - <user name>
- what happens:
 - [can/cannot] end
 - [can/cannot] stop
- with regard to what:
 - a process identified by a PID equal to <PID number>
- why (explanation, cause):
 - because [is/is not] the process' owner

Examples

a) **dacomo** cannot end a process identified by a PID equal to 1653 because **dacomo** is not the process' owner.

b) **dacomo** can end a process identified by a PID equal to 1683 because **dacomo** is the process' owner.

2- About the nice initial value with command nice

Ask yourself about

- who:
 - <user name>
- what happens - First part:
 - [can/cannot] start
- with regard to what:
 - a new instance of <program name>
- what happens - Second part:
 - with an [increment/decrement] from its nice default value equal to <nice value requested>
- why (explanation, cause):
 - because only root user can start processes with a priority higher than its default priority.
 - because standard users can start processes with a priority lower than its default priority.

Examples

a) **dacomo** cannot start a new instance of **geany** with an decrement from its nice default value equal to 5 because only root user can start processes with a priority higher than its default priority.

b) **dacomo** can start a new instance of **geany** with an increment from its nice default value equal to 3 because standard users can start processes with a priority lower than its default priority.

3- Changing the nice value of a process with command renice

Ask yourself about

- who:
 - <user name>
- what happens - First part:
 - [can/cannot] change
- with regard to what:
 - the nice value of process <PID number>
- why (explanation, cause):
 - because only the root user can increase the priority of a process.
 - because any standard user can decrease the priority of a process he/she owns.

Examples

a) **dacomo** cannot change the nice value of process 1647 because only the root user can increase the priority of a process.

b) **dacomo** can change the nice value of process 18423 because because any standard user can decrease the priority of a process he/she owns.