
Subject: memory vs cpu

Posted by [aetherlux](#) on Wed, 12 Nov 2008 12:15:58 GMT

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Hi,

I have detected a feature??? for all my programs written in IDL and I would like to have some feedback about if it is a possible problem with the code, hardware, etc.

My usual configurations are:

* idl 6.0 ; Debian GNU/Linux; core2 Quad 2.4; 4GB RAM

* idl 6.0 ; Debian GNU/Linux; core 2 Duo 2.0; 2GB RAM

99.9% of the programs that I run suck 99% of the CPU and 0.1-0.2%. An example of a typical top output:

```
PID USER   PR NI  VIRT  RES  SHR S %CPU %MEM    TIME+  
COMMAND  
13964 juan   25  0 50296 5640 3432 R  100  0.2  21481:08 idl
```

My tipical code has several do and if loops, in some cases big arrays, and sometimes a hard work reading from files and written new ones. I usually include basic mathematical operations with floatings.

I have basic knowledge of programming and I would like to know possible causes and if you think that it is possible to solve/improve it.
