Subject: Re: Find number of processors on a machine?
Posted by Pierre V. on Sun, 24 Dec 2006 01:30:52 GMT
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Look at the system structure !CPU. The field HW_NCPU is the number of
CPUs in your PC. Note if you have an Intel machine with
hyperthreading, then each physical CPU will be counted as two.

-Pierre

Subject: Re: Find number of processors on a machine?
Posted by Chris[2] on Sun, 24 Dec 2006 01:34:28 GMT
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IDL> help,!cpu,/structure

** Structure !CPU, 6 tags, length=24, data length=24:

HW_VECTOR LONG 0

VECTOR_ENABLE LONG 0

HW_NCPU LONG 1

TPOOL_NTHREADS LONG 1

TPOOL_MIN_ELTS LONG 100000

TPOOL_MAX_ELTS LONG 0

"Richard G. French" <rfrench@wellesley.edu> wrote in message
news:C1B3173E.9B94%rfrench@wellesley.edu...
> Can anyone tell me how to find out the number of processors on a machine
> from within IDL (OSX/Unix)? I am happy to spawn a system call, but I don't
> know how to find out characteristics of the machine from the shell,
> either.
> I'm trying to implement and IDL_IDLBridge program that sets up bridges to
> nproc-1 child IDL processes when there are nproc processors.
>
> Thanks,
> Dick French
>