

Re: How do I get the PC's Processor speed?

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On Nov 6, 2007 1:18 PM, <kyosohma@xxxxxxxxxx> wrote:

Hi,

We use a script here at work that runs whenever someone logs into their machine that logs various bits of information to a database. One of those bits is the CPU's model and speed. While this works in 95% of the time, we have some fringe cases where the only thing returned is the processor name. We use this data to help us decide which PCs need to be updated, so it would be nice to have the processor speed in all cases.

Currently, this script is run on Windows boxes only, most of which have Windows XP on them. Right now I am having Python check the following registry key for the CPU info: HKEY_LOCAL_MACHINE\HARDWARE\DESCRIPTION\System\CentralProcessor\0

I've also used Tim Golden's WMI module like so:

<code>

```
import wmi
c = wmi.WMI()
for i in c.Win32_Processor():
    cputype = i.Name
```

</code>

On the problem PCs, both of these methods give me the same information (i.e. only the processor name). However, if I go to "System Properties" and look at the "General" tab, it lists the CPU name and processor speed. Does anyone else know of another way to get at this information?

You'd want the MaxClockSpeed property. There's a few other clock speed properties as well, see <http://msdn2.microsoft.com/en-us/library/aa394373.aspx>.

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MSDN should always be your first stop with WMI questions, by the way.