ReadDateTime Copy clock-chip time to Time variable

#include <OSUtils.h> **Operating System Utilities**

```
OSErr     ReadDateTime( secs );
long      *secs ;        receives number of seconds since 01/01/04
          returns        error reading clock; 0=no error
```

ReadDateTime accesses the clock chip directly and stores its return value into the low-memory variable Time (at 0x020C) and into the specified variable. Applications normally use **GetDateTime** or **GetTime**.

secs is the address of a 4-byte variable. Upon return, it contains the number of seconds since January 1, 1904 (as tracked by the real-time clock hardware).

Returns: an OSErr; an integer Error Code. It will be one of:

noErr	(0)	No error
clkRdErr	(-85)	Clock read error

Notes: You can convert the *secs* value to a more easily understood value (i.e., a DateTimeRec) via **Secs2Date**.

You can set the clock-chip to a new time/date using **SetDateTime**; though this is normally performed via the Control Panel DA.

Since the base date for the any "raw seconds" value is 1/1/1904 and since *secs* is a 32-bit value, you won't be able to calculate with dates beyond February 6, 2040.