Subject: Re: Problem with GetTickCount on Linux
Posted by steffen on Wed, 30 May 2012 10:36:03 GMT
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Hi Mirek,
Thank you for the fast reponse. I see you changed the argument name in SetSysTime from ATime
to time, could you please also run a search and replace to correct all the references?

Zbych,
My first version actually was calling the gettimeofday part if the call to CLOCK_MONOTONIC was
failing, but I don't know if that was correct and I could not test it on any of my systems.
With the macros you found it would be safe to do something like this:

```
#ifdef PLATFORM_POSIX
dword GetTickCount() {
#if defined(_POSIX_TIMERS) && defined(_POSIX_MONOTONIC_CLOCK)
 struct timespec tp;
 if (clock_gettime(CLOCK_MONOTONIC, &tp) == 0)
 {
  return (dword)((tp.tv_sec * 1000) + (tp.tv_nsec / 1000000));
 }
#endif
 struct timeval tv[1];
 struct timezone tz[1];
 memset(tz, 0, sizeof(tz));
 gettimeofday(tv, tz);
 return (dword)tv->tv_sec * 1000 + tv->tv_usec / 1000;
}
#endif
```