
Subject: : Qt

Topic: : Work on Qt 5.8 has begun :)

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Date: : 2017/2/5 14:41:36

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@alfkil

dunno if it best, but in e-uae code found this:

<https://sourceforge.net/p/euaepcjit/c...trunk/src/include/sleep.h>

```
/*
 * UAE - The Un*x Amiga Emulator
 *
 * Wrapper for platform-specific sleep routine
 *
 * Copyright 2003-2005 Richard Drummond
 */

#ifdef __BEOS__
# include <be/kernel/OS.h>
#else
# ifdef TARGET_AMIGAOS
# include <proto/dos.h>
# include <clib/alib_protos.h>
# else
# ifdef USE_SDL
# include <SDL_timer.h>
# endif
# endif
#endif

#define ONE_THOUSAND 1000
#define ONE_MILLION (1000 * 1000)

/* The following would offer no advantage since we always call use_msleep() with
 * a constant and all arithmetic can be done at compile time. */
#if 0
/* This may seem a little odd, but using a nice, round binary factor will speed
 * up the arithmetic for only a 2% error (5% for nanosleep). Our target sleep
 * routines are not tha accurate - and even if they were, we don't need more
 * accuracy.
 */
```

```

/
#define ONE_THOUSAND 1024
#define ONE_MILLION (1024 * 1024)
#endif

/*
 * void msleep (int ms)
 *
 * Sleep for ms milliseconds using an appropriate system-dependent sleep
 * functions.
 */
#ifdef __BEOS__
#define uae_msleep(msecs) snooze (msecs * ONE_THOUSAND)
#else
# if 0 //defined _WIN32
# define uae_msleep(msecs) Sleep (msecs)
# else
# if defined TARGET_AMIGAOS
# if defined __amigaos4__ || defined __MORPHOS__
# define uae_msleep(msecs) TimeDelay (0, msecs / ONE_THOUSAND, (msecs % ONE_THOUSAND) * ONE_THOUSAND)
# else
# define uae_msleep(msecs) Delay (msecs <= 20 ? 1 : msecs/20);
# endif
# else
# ifdef HAVE_NANOSLEEP
# define uae_msleep(msecs)
{
if (msecs < 1000) {
struct timespec t = { 0, (msecs) * ONE_MILLION };
nanosleep (&t, 0);
} else {
int secs = msecs / ONE_THOUSAND;
int millisecs = msecs % ONE_THOUSAND;
struct timespec t = { secs, millisecs * ONE_MILLION };
nanosleep (&t, 0);
}
}
# else
# ifdef HAVE_USLEEP
# define uae_msleep(msecs) usleep (msecs * ONE_THOUSAND)
# else
# ifdef USE_SDL
# define uae_msleep(msecs) SDL_Delay (msecs)
# else
# error "No system sleep function found"
# endif
# endif
# endif
# endif
# endif
# endif

```

