

CrystaX NDK - Bug #1131

clock_nanosleep() return EXXX in errno rather than as return value

11/09/2015 10:34 PM - Dmitry Moskalchuk

Status:	Closed	Start date:	11/09/2015
Priority:	High	Due date:	
Assignee:	Dmitry Moskalchuk	% Done:	100%
Category:	libcrystax	Estimated time:	0.00 hour
Target version:	10.3.0	Android version:	
CPU Architecture:		CrystaX Version:	
Host OS:			
Toolchain:			

Description

According to POSIX, if clock_nanosleep() was failed, it should return EXXX (EINTR, EINVAL, etc) as its return value. On Android, it doesn't. Instead it set errno to EXXX.

History

#1 - 11/09/2015 10:35 PM - Dmitry Moskalchuk

Here are corresponding test cases:

https://github.com/crystax/android-vendor-openpts/blob/master/conformance/interfaces/clock_nanosleep/9-1.c
https://github.com/crystax/android-vendor-openpts/blob/master/conformance/interfaces/clock_nanosleep/10-1.c
https://github.com/crystax/android-vendor-openpts/blob/master/conformance/interfaces/clock_nanosleep/11-1.c
https://github.com/crystax/android-vendor-openpts/blob/master/conformance/interfaces/clock_nanosleep/13-1.c

#2 - 11/10/2015 05:13 AM - Dmitry Moskalchuk

- Subject changed from clock_nanosleep() return EINTR in errno rather than as return value to clock_nanosleep() return EXXX in errno rather than as return value

- Description updated

#3 - 11/15/2015 01:45 AM - Dmitry Moskalchuk

- Status changed from Open to In Progress

#4 - 11/15/2015 02:04 AM - Dmitry Moskalchuk

- Status changed from In Progress to Closed

- % Done changed from 0 to 100

"Fixed": <https://github.com/crystax/android-platform-ndk/commit/2ae99604e7583fb053dae49817dde2228fdcad0c>