

Ruby master - Feature #11597

Add Linux-specific setsuid(2)/setfsuid(2)

10/15/2015 07:36 PM - vihai (Daniele Orlandi)

Status:	Open
Priority:	Normal
Assignee:	
Target version:	
Description	
I would be helpful if you add a binding to the Linux-specific syscalls	
setsuid(2) setfsuid(2)	
Their purpose is to change the uid/gid with which filesystem access control is performed. Their main usage is simulating fs access on behalf of other users.	
Differently from setuid/setreuid/etc... these calls have thread-local effect, thus they may be useful in solving some problems when needing to temporarily drop privileges in multi-threaded applications.	

History

#1 - 10/15/2015 10:08 PM - normalperson (Eric Wong)

Given Ruby already supports Kernel#syscall, I wonder if we should support something a generated syscall.rb file in the stdlib with all the available syscall numbers exported as constants:

```
SYS_setsuid = 138
SYS_setfsuid = 139
...
```

This could kill off a lot of C extensions :)

I've been happily using Danga::Socket + Sys::Syscall in Perl the past few years. Sure there have been occasional problems, but I still prefer always having the source file with me without worrying about mis-installed objects (a frequent source of bug reports on redmine), compile times, etc...