

Backport193 - Backport #7946

1.9.3-p385 clang error: implicit conversion loses integer precision

02/25/2013 02:06 AM - d6rkaiz (Isao Sugimoto)

Status:	Closed	
Priority:	Normal	
Assignee:	usa (Usaku NAKAMURA)	
Description		
=begin		
OS X 10.8.2 clang ruby 1.9.3-p385 clang		
1.9.3-p385 1.9.3-p392		
BUILD FAILED		
Inspect or clean up the working tree at /var/folders/t0/n008mdzj4nz0_cswflz6xwch0000gn/T/ruby-build.20130223143931.52037 Results logged to /var/folders/t0/n008mdzj4nz0_cswflz6xwch0000gn/T/ruby-build.20130223143931.52037.log		
Last 10 log lines: compiling safe.c compiling signal.c compiling sprintf.c compiling st.c st.c:520:35: error: implicit conversion loses integer precision: 'st_index_t' (aka 'unsigned long') to 'int' [-Werror,-Wshorten-64-to-32] i = table->num_entries++; ~ ~~~~~^ 1 error generated. make: *** [st.o] Error 1 make: *** Waiting for unfinished jobs....		
clang		
\$ clang -v Apple LLVM version 4.2 (clang-425.0.24) (based on LLVM 3.2svn) Target: x86_64-apple-darwin12.2.1 Thread model: posix		
http://qiita.com/items/e7c4374d25ba2056a7b7		
=end		
Related issues:		
Related to Ruby trunk - Bug #7938: Stack consistency error while compiling 2....		Third Party's Issue 02/24/2013

Associated revisions

Revision ac24e257 - 02/26/2013 12:57 AM - usa (Usaku NAKAMURA)

- st.c (st_add_direct): int is not always same with st_index_t. some version of clang reports error.
- thread.c (vm_living_thread_num): ditto.
reported by d6rkaiz (Isao Sugimoto) at [ruby-dev:47096]
[Backport #7946]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@39503 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

This issue was solved with changeset [r39503](#).
Isao, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

- `st.c (st_add_direct)`: `int` is not always same with `st_index_t`. some version of clang reports error.
- `thread.c (vm_living_thread_num)`: ditto.
reported by d6rkaiz (Isao Sugimoto) at [ruby-dev:47096]
[Backport [#7946](#)]