

Ruby - Bug #18445

Make Ruby 3.0.3 on Solaris 10 by gmake with gcc 4.5.1 Assembler: main.c errors

12/28/2021 09:18 PM - dklein (Dmitri Klein)

Status:	Closed	Backport: 2.6: UNKNOWN, 2.7: UNKNOWN, 3.0: UNKNOWN, 3.1: UNKNOWN
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:		

Description

gmake

```
BASERUBY = echo executable host ruby is required. use --with-baseruby option.; false
CC = /usr/local/gcc4/bin/gcc -std=gnu99
LD = /usr/ccs/bin/ld
LD_SHARED = /usr/local/gcc4/bin/gcc -std=gnu99 -G
CFLAGS = -g -erroff=E_STATEMENT_NOT_REACHED -erroff=E_INIT_SIGN_EXTEND -erroff=E_INIT_DOES_NO
T_FIT -erroff=E_INITIALIZATION_TYPE_MISMATCH
XCFLAGS = -DRUBY_EXPORT -I. -I.ext/include/i386-solaris2.10 -I./include -I. -I./enc/unicode/12
.1.0
CPPFLAGS = -D_XOPEN_SOURCE=600
DLD_FLAGS =
SOLIBS = -lz -lpthread -lrt -lrt -lrt -lsocket -ldl -lcrypt -lm
LANG =
LC_ALL =
LC_CTYPE =
MFLAGS =
```

gcc (GCC) 4.5.1
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warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

compiling ./main.c
Assembler: main.c
"/var/tmp/cclewYzk.s", line 10 : Illegal mnemonic
Near line: " .cfi_sections .debug_frame"
"/var/tmp/cclewYzk.s", line 10 : Syntax error
Near line: " .cfi_sections .debug_frame"
"/var/tmp/cclewYzk.s", line 10 : Illegal mnemonic
Near line: " .cfi_sections .debug_frame"
"/var/tmp/cclewYzk.s", line 14 : Syntax error
Near line: " .file 1 "/usr/include/sys/stat_impl.h""
"/var/tmp/cclewYzk.s", line 15 : Illegal mnemonic
Near line: " .loc 1 163 0"
"/var/tmp/cclewYzk.s", line 15 : Syntax error
Near line: " .loc 1 163 0"
"/var/tmp/cclewYzk.s", line 16 : Illegal mnemonic
Near line: " .cfi_startproc"
"/var/tmp/cclewYzk.s", line 16 : Syntax error
Near line: " .cfi_startproc"
"/var/tmp/cclewYzk.s", line 19 : Illegal mnemonic
Near line: " .cfi_def_cfa_offset 8"
"/var/tmp/cclewYzk.s", line 19 : Syntax error
Near line: " .cfi_def_cfa_offset 8"
"/var/tmp/cclewYzk.s", line 21 : Illegal mnemonic
Near line: " .cfi_offset 5, -8"
"/var/tmp/cclewYzk.s", line 21 : Syntax error
Near line: " .cfi_offset 5, -8"
"/var/tmp/cclewYzk.s", line 23 : Illegal mnemonic

```
Near line: "    .cfi_def_cfa_register 5"
"/var/tmp//cclewYzk.s", line 23 : Syntax error
Near line: "    .cfi_def_cfa_register 5"
"/var/tmp//cclewYzk.s", line 25 : Illegal mnemonic
Near line: "    .loc 1 164 0"
"/var/tmp//cclewYzk.s", line 25 : Syntax error
Near line: "    .loc 1 164 0"
"/var/tmp//cclewYzk.s", line 34 : Illegal mnemonic
Near line: "    .loc 1 165 0"
"/var/tmp//cclewYzk.s", line 34 : Syntax error
Near line: "    .loc 1 165 0"
"/var/tmp//cclewYzk.s", line 36 : Illegal mnemonic
Near line: "    .cfi_restore 5"
"/var/tmp//cclewYzk.s", line 36 : Syntax error
Near line: "    .cfi_restore 5"
"/var/tmp//cclewYzk.s", line 38 : Illegal mnemonic
Near line: "    .cfi_def_cfa 4, 4"
"/var/tmp//cclewYzk.s", line 38 : Syntax error
Near line: "    .cfi_def_cfa 4, 4"
"/var/tmp//cclewYzk.s", line 40 : Illegal mnemonic
Near line: "    .cfi_endproc"
"/var/tmp//cclewYzk.s", line 40 : Syntax error
Near line: "    .cfi_endproc"
"/var/tmp//cclewYzk.s", line 51 : Syntax error
Near line: "    .file 2 \"./main.c\""
"/var/tmp//cclewYzk.s", line 52 : Illegal mnemonic
Near line: "    .loc 2 38 0"
"/var/tmp//cclewYzk.s", line 52 : Syntax error
Near line: "    .loc 2 38 0"
"/var/tmp//cclewYzk.s", line 53 : Illegal mnemonic
Near line: "    .cfi_startproc"
"/var/tmp//cclewYzk.s", line 53 : Syntax error
Near line: "    .cfi_startproc"
"/var/tmp//cclewYzk.s", line 56 : Illegal mnemonic
Near line: "    .cfi_def_cfa_offset 8"
"/var/tmp//cclewYzk.s", line 56 : Syntax error
Near line: "    .cfi_def_cfa_offset 8"
Too many errors - Goodbye
gmake: *** [main.o] Error 1
```

Related issues:

Is duplicate of Ruby - Bug #18429: Configure ruby-3.0.3 on Solaris 10 Unknown...

[Feedback](#)

History

#1 - 12/28/2021 09:24 PM - dklein (Dmitri Klein)

trying "make" gives similar result:

make

```
BASERUBY = echo executable host ruby is required.  use --with-baseruby option.; false
CC = /usr/local/gcc4/bin/gcc -std=gnu99
LD = /usr/ccs/bin/ld
LD_SHARED = /usr/local/gcc4/bin/gcc -std=gnu99 -G
CFLAGS = -g -erroff=E_STATEMENT_NOT_REACHED -erroff=E_INIT_SIGN_EXTEND -erroff=E_INIT_DOES_NOT_FIT -erroff=E_INITIALIZATION_TYPE_MISMATCH
XCFLAGS = -DRUBY_EXPORT -I. -I.ext/include/i386-solaris2.10 -I./include -I. -I./enc/unicode/12.1.0
CPPFLAGS = -D_XOPEN_SOURCE=600
DLDFLAGS =
SOLIBS = -lz -lpthread -lrt -lrt -lrt -lsocket -ldl -lcrypt -lm
LANG =
LC_ALL =
LC_CTYPE =
MFLAGS =
```

gcc (GCC) 4.5.1

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```
compiling vm.c
Assembler: vm.c
"/var/tmp/ccDBY19s.s", line 10 : Illegal mnemonic
Near line: "    .cfi_sections    .debug_frame"
"/var/tmp/ccDBY19s.s", line 10 : Syntax error
Near line: "    .cfi_sections    .debug_frame"
"/var/tmp/ccDBY19s.s", line 10 : Illegal mnemonic
.....
Near line: "    .cfi_def_cfa_offset 8"
"/var/tmp/ccDBY19s.s", line 51 : Syntax error
Near line: "    .cfi_def_cfa_offset 8"
Too many errors - Goodbye
*** Error code 1
The following command caused the error:
/usr/local/gcc4/bin/gcc -std=gnu99 -g -erroff=E_STATEMENT_NOT_REACHED -erroff=E_INIT_SIGN_EXTEND -erroff=E_INIT_DOES_NOT_FIT
-erroff=E_INITIALIZATION_TYPE_MISMATCH -DRUBY_EXPORT -l. -l.ext/include/i386-solaris2.10 -l./include -l. -l./enc/unicode/12.1.0
-D_XOPEN_SOURCE=600 -o vm.o -c vm.c
make: Fatal error: Command failed for target `vm.o'
```

pwd

/export0/home/telegraf/fluend/ruby_versions/ruby3/ruby-3.0.3

#2 - 12/29/2021 04:40 AM - mame (Yusuke Endoh)

Looks like there is something wrong in your gcc installation. Maybe you are using GCC with Solaris's as commend. I have no idea that GCC supports such a setup.

#3 - 12/29/2021 05:06 AM - nobu (Nobuyoshi Nakada)

- Related to Bug #18429: Configure ruby-3.0.3 on Solaris 10 Unknown keyword 'URL' in './ruby.tmp.pc' added

#4 - 12/29/2021 05:07 AM - nobu (Nobuyoshi Nakada)

- Related to deleted (Bug #18429: Configure ruby-3.0.3 on Solaris 10 Unknown keyword 'URL' in './ruby.tmp.pc')

#5 - 12/29/2021 05:07 AM - nobu (Nobuyoshi Nakada)

- Is duplicate of Bug #18429: Configure ruby-3.0.3 on Solaris 10 Unknown keyword 'URL' in './ruby.tmp.pc' added

#6 - 12/29/2021 08:47 AM - hsbt (Hiroshi SHIBATA)

- Status changed from Open to Closed