Configure ruby-3.0.3 on Solaris 10 Unknown keyword 'URL' in './ruby.tmp.pc'

12/23/2021 04:51 PM - dklein (Dmitri Klein)

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

Description
./configure
...
configure: ruby library version = 3.0.0
configure: creating ./config.status
config.status: creating Makefile
config.status: creating ruby-3.0.pc
Unknown keyword 'URL' in './ruby.tmp.pc'

both doesn't work neither with cc=/usr/sfw/bin/gcc nor cc=/usr/bin/cc

Config log is attached FYI. Thanks!

Related issues:
Has duplicate Ruby master - Bug #18442: Make Ruby 3.0.3 on Solaris 10 with "T... Closed
Has duplicate Ruby master - Bug #18448: Configuring Ruby 3.0.3 on Solaris 10 ... Closed
Has duplicate Ruby master - Bug #18445: Make Ruby 3.0.3 on Solaris 10 by gmak... Closed

History
#1 - 12/23/2021 05:13 PM - mame (Yusuke Endoh)
As far as I remember, that error message is produced by an old version of pkg-config. Please try using opencsw's pkg-config. Maybe setting PKG_CONFIG = "/opt/csw/bin/pkg-config" will help you.

#2 - 12/23/2021 06:45 PM - dklein (Dmitri Klein)

# PKG_CONFIG_PATH=/usr/bin; export PKG_CONFIG_PATH
# PKG_CONFIG=/usr/bin/pkg-config; export PKG_CONFIG

./configure
....
/ext/include/i386-solaris2.10/ruby/config.h unchanged
configure: ruby library version = 3.0.0
configure: creating ./config.status
config.status: creating Makefile
config.status: creating ruby-3.0.pc
Unknown keyword 'URL' in './ruby.tmp.pc'

#3 - 12/23/2021 06:48 PM - dklein (Dmitri Klein)

opencsw's pkg-config is not available on the box

#4 - 12/23/2021 06:53 PM - dklein (Dmitri Klein)

Installation of was successful.

# /opt/csw/bin/pkg-config --version
0.25
#

#5 - 12/23/2021 07:04 PM - dklein (Dmitri Klein)

PKG_CONFIG_PATH=/opt/csw/lib/pkgconfig;export PKG_CONFIG_PATH
PKG_CONFIG=/opt/csw/bin/pkg-config;export PKG_CONFIG

03/16/2022
configure

... 
config.status: creating ruby-3.0.pc
ld.so.1: pkg-config: fatal: relocation error: file /opt/csw/bin/pkg-config: symbol g_malloc0_n: referenced symbol not found
./configure: line 1132: 1512 Killed PKG_CONFIG_PATH=. $PKG_CONFIG --print-errors
ruby.tmp
#

#6 - 12/23/2021 07:26 PM - dklein (Dmitri Klein)
Same for ruby-2.7.5 source:

PKG_CONFIG_PATH=/opt/csw/lib/pkgconfig; export PKG_CONFIG_PATH
PKG_CONFIG=/opt/csw/bin/pkg-config; export PKG_CONFIG
PATH=/opt/csw/bin:/usr/sbin:/usr/bin:/usr/sfw/bin:/usr/ccs/bin; export PATH

c./configure

.....
configure: ruby library version =
configure: creating ./config.status
configure: creating Makefile
configure: creating ruby-2.7.pc
ld.so.1: pkg-config: fatal: relocation error: file /opt/csw/bin/pkg-config: symbol g_malloc0_n: referenced symbol not found
./configure: line 1132: 19994 Killed PKG_CONFIG_PATH=. $PKG_CONFIG --print-errors
ruby.tmp

========
PATH=/usr/sbin:/usr/bin:/usr/sfw/bin:/usr/ccs/bin:/opt/csw/bin;
export PATH
PKG_CONFIG_PATH=/usr/lib/pkgconfig; export PKG_CONFIG_PATH
PKG_CONFIG=/usr/bin/pkg-config; export PKG_CONFIG

c./configure

.....
.ext/include/i386-solaris2.10/ruby/config.h unchanged
configure: ruby library version =
configure: creating ./config.status
configure: creating Makefile
configure: creating ruby-2.7.pc
Unknown keyword 'URL' in './ruby.tmp.pc'
#

#7 - 12/23/2021 07:33 PM - dklein (Dmitri Klein)

# ldd -d /opt/csw/bin/pkg-config
libglib-2.0.so.0 => /usr/lib/libglib-2.0.so.0
libintl.so.8 => /opt/csw/lib/i386/libintl.so.8
lib.so.1 => /lib/libc.so.1
libiconv.so.2 => /opt/csw/lib/i386/libiconv.so.2
libm.so.2 => /lib/libm.so.2
#

#8 - 12/23/2021 07:39 PM - dklein (Dmitri Klein)
Should those env.var be used - RUBY_CONFIGURE_OPTS -?

#9 - 12/23/2021 10:38 PM - hsbt (Hiroshi SHIBATA)
- Project changed from 14 to Ruby master

#10 - 12/24/2021 01:26 AM - mame (Yusuke Endoh)

ld.so.1: pkg-config: fatal: relocation error: file /opt/csw/bin/pkg-config: symbol g_malloc0_n: referenced symbol not found

03/16/2022 2/10
I don't think your opencsw installation is working properly. Try another distribution of pkg-config, or please contact your administrator.

#11 - 12/27/2021 08:08 PM - dklein (Dmitri Klein)
- Portback set to 2.6: UNKNOWN, 2.7: UNKNOWN, 3.0: UNKNOWN, 3.1: UNKNOWN
- Tracker changed from Feature to Bug
- File config.log added

./configure

....

 config: ruby library version = 3.0.0
 config: creating ./config.status
 config: status: creating Makefile
 config: status: creating ruby-3.0.pc

 Unknown keyword 'URL' in './ruby.tmp.pc'

#

====

# cat ruby.tmp.pc

....

URL: https://www.ruby-lang.org
Cflags: -I${rubyarchhdrdir} -I${rubyhdrdir}
Libs: ${DLDFLAGS} ${LIBRUBYARGS_SHARED} ${LIBS}

Requirements:

#12 - 12/27/2021 08:29 PM - dklein (Dmitri Klein)
configure: ruby library version = 3.0.0
configure: creating ./config.status
config: status: creating Makefile
config: status: creating ruby-3.0.pc

Unknown keyword 'URL' in './ruby.tmp.pc'
# echo $PKG_CONFIG
/usr/bin/pkg-config
# /usr/bin/pkg-config --version
0.15.0

#13 - 12/27/2021 08:37 PM - dklein (Dmitri Klein)

It has been configured now as per:

Configuration summary for ruby version 3.0.3

* Installation prefix: /usr/local
* exec prefix: $[prefix]
* arch: i386-solaris2.10
* site arch: $[arch]
* RUBY_BASE_NAME: ruby
* ruby lib prefix: ${libdir}/${RUBY_BASE_NAME}
* site libraries path: ${rubyprefix}/${sitearch}
* vendor path: ${rubypref}/vendor_ruby
* target OS: solaris2.10
* compiler: /usr/sfw/bin/gcc -std=gnu99
* with pthread: yes
* with coroutine: ucontext
* enable shared libs: no
* dynamic library ext: so
* CFLAGS: $[optflags] $[debugflags] $[warnflags]
* LDFLAGS: -L
* optflags: -O3
* debugflags: -ggdb3
* warnflags: -Wall -Wdeprecated-declarations
   -Wimplicit-function-declaration -Wimplicit-int
   -Wpointer-arith -Wwrite-strings
   -Wimplicit-fallthrough=0 -Wmissing-noreturn
   -Wno-long-long -Wno-packed-bitfield-compat

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#14 - 12/27/2021 08:37 PM - dklein (Dmitri Klein)

make:
....
vm_exec.c:137: confused by earlier errors, bailing out
*** Error code 1
The following command caused the error:
make: Fatal error: Command failed for target `vm.o'

#15 - 12/27/2021 08:45 PM - dklein (Dmitri Klein)
# /usr/sfw/bin/gcc --version
gcc (GCC) 3.4.3 (csl-sol210-3_4-branch+sol_rpath)

#16 - 12/27/2021 09:14 PM - dklein (Dmitri Klein)
make
...
cc: acomp failed for vm.c
*** Error code 2
The following command caused the error:
cc -D_STDC_C99= -g -erroff=E_STATEMENT_NOT_REACHED -erroff=E_INIT_SIGN_EXTEND -erroff=E_INIT_DOES_NOT_FIT -erroff=E_INITIALIZATION_TYPE_MISMATCH -DRUBY_EXPORT -I. -I.ext/include/i386-solaris2.10 -I./include -I. -I./enc/unicode/12.1.0 -std=gnu99 -D_XOPEN_SOURCE=600 -o vm.o -c vm.c
make: Fatal error: Command failed for target `vm.o'

#17 - 12/28/2021 05:38 AM - nobu (Nobuyoshi Nakada)
dklein (Dmitri Klein) wrote in #note-15:
# /usr/sfw/bin/gcc --version
gcc (GCC) 3.4.3 (csl-sol210-3_4-branch+sol_rpath)

We can't support such old version.

#18 - 12/28/2021 07:39 AM - mame (Yusuke Endoh)
FYI: our Solaris 10 CI uses opencsw's gcc.
$ /opt/csw/bin/gcc --version
gcc (GCC) 5.5.0

#19 - 12/28/2021 04:51 PM - dklein (Dmitri Klein)
In our case:
# /opt/csw/bin/gcc --version
/opt/csw/bin/gcc: cannot execute
#
# ls -la /opt/csw/bin/gcc

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```bash
#20 - 12/28/2021 05:18 PM - dklein (Dmitri Klein)
# /opt/csw/bin/gcc-5.5 --version
gcc-5.5 (GCC) 5.5.0
# cc=/opt/csw/bin/gcc-5.5 ./configure

Configuration summary for ruby version 3.0.3

  * Installation prefix: /usr/local
  * exec prefix:     ${prefix}
  * arch:            i386-solaris2.10
  * site arch:       ${arch}
  * RUBY_BASE_NAME:  ruby
  * site libraries path: ${rubylibprefix}/${sitearch}
  * vendor path:     ${rubylibprefix}/vendor_ruby
  * target OS:       solaris2.10
  * compiler:        cc -D_STDC_C99=
  * with pthread:    yes
  * with coroutine:  ucontext
  * enable shared libs: no
  * dynamic library ext: so
  * CFLAGS:          ${optflags} ${debugflags} ${warnflags}
  * LDFLAGS:         -L. 
  * debugflags:      -g
  * warnflags:       -erroff=E_STATEMENT_NOT_REACHED \
                     -erroff=E_INIT_SIGN_EXTEND \ 
                     -erroff=E_INIT_DOES_NOT_FIT \ 
                     -erroff=E_INITIALIZATION_TYPE_MISMATCH
  * strip command:   gstrip -S -x
  * install doc:     rdoc
  * JIT support:     yes
  * man page type:   man

# gmake

  BASERuby = echo executable host ruby is required. use --with-baseruby option.; false
  CC = /opt/csw/bin/gcc-5.5
  LD = /usr/csw/bin/ld
  LDSHARED = /opt/csw/bin/gcc-5.5 -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.-/enc/unicode/12.1.0
  CPPFLAGS = -D_XOPEN_SOURCE=600
  LDLDFLAGS = 
  SOLIBS = -lz -lpthread -lrt -lsocket -ldl -lcrypt -lm
  LANG =
  LC_ALL =
  LC_TYPE =
  MFLAGS =

  gcc-5.5: error: unrecognized command line option '-V'
gcc-5.5: fatal error: no input files
compilation terminated.
gmake: [showflags] Error 1 (ignored)
compiling ./main.c
ld.so.1: cc1: fatal: libisl.so.15: open failed: No such file or directory
gcc-5.5: internal compiler error: Killed (program cc1)
Please submit a full bug report,
with preprocessed source if appropriate.
gmake: *** [main.c] Error 4

#21 - 12/28/2021 07:50 PM - dklein (Dmitri Klein)

In our case:

# /usr/local/gcc4/bin/gcc --version
```
```bash
# gcc (GCC) 4.5.1

```
gmake

```
BASERUBY = echo executable host ruby is required. use --with-baseruby option.; false
CC = /usr/local/gcc4/bin/gcc
LD = /usr/ccs/bin/1d
LDSHARED = /usr/local/gcc4/bin/gcc -G
CFLAGS = -g -erroff=E_STATEMENT_NOT_REACHED -erroff=E_INIT_SIGN_EXTEND -erroff=E_INIT_DOES_NOT_FIT -e
erroff=E_INITIALIZATION_TYPE_MISMATCH
XCCFLAGS = -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 -lsocket -ldl -lcrypt -lm
LANG =
LC_ALL =
LC_CTYPE =
MFLAGS =
gcc: '-V' option must have argument
make: [showflags] Error 1 (ignored)
compiling ./main.c Error 1 (ignored)
ld.so.1: ccl: fatal: libmpc.so.2: open failed: No such file or directory
gcc: Internal error: Killed (program ccl)
Please submit a full bug report.
make: *** [main.o] Error 1
```

```
#====

```
gmake

```
BASERUBY = echo executable host ruby is required. use --with-baseruby option.; false
CC = /usr/local/gcc4/bin/gcc
LD = /usr/ccs/bin/1d
LDSHARED = /usr/local/gcc4/bin/gcc -G
CFLAGS = -g -erroff=E_STATEMENT_NOT_REACHED -erroff=E_INIT_SIGN_EXTEND -erroff=E_INIT_DOES_NOT_FIT -e
erroff=E_INITIALIZATION_TYPE_MISMATCH
XCCFLAGS = -DRUBYEXPORT -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 -lsocket -ldl -lcrypt -lm
LANG =
LC_ALL =
LC_CTYPE =
MFLAGS =
gcc: '-V' option must have argument
make: [showflags] Error 1 (ignored)
The following command caused the error:
/usr/local/gcc4/bin/gcc -V
compiling vm.c
ld.so.1: ccl: fatal: libmpc.so.2: open failed: No such file or directory
gcc: Internal error: Killed (program ccl)
Please submit a full bug report.
make: *** [vm.o] Error 1
```

```
#=

```
make

```
BASERUBY = echo executable host ruby is required. use --with-baseruby option.; false
CC = /usr/local/gcc4/bin/gcc
LD = /usr/ccs/bin/1d
LDSHARED = /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 -e
erroff=E_INITIALIZATION_TYPE_MISMATCH
XCCFLAGS = -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 -lsocket -ldl -lcrypt -lm
```

```
####

```
make

```
BASERUBY = echo executable host ruby is required. use --with-baseruby option.; false
CC = /usr/local/gcc4/bin/gcc
LD = /usr/ccs/bin/1d
LDSHARED = /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 -e
erroff=E_INITIALIZATION_TYPE_MISMATCH
XCCFLAGS = -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 -lsocket -ldl -lcrypt -lm
```

```
#22 - 12/28/2021 08:41 PM - dklein (Dmitri Klein)

```
gmake

```
BASERUBY = echo executable host ruby is required. use --with-baseruby option.; false
CC = /usr/local/gcc4/bin/gcc
LD = /usr/ccs/bin/1d
LDSHARED = /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 -e
erroff=E_INITIALIZATION_TYPE_MISMATCH
XCCFLAGS = -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 -lsocket -ldl -lcrypt -lm
Has duplicate Bug #18442: Make Ruby 3.0.3 on Solaris 10 with "The following command caused the error: cc -D_STDCC99=" added

dklein (Dmitri Klein) wrote in #note-20:

```
# /opt/csw/bin/gcc-5.5 --version
gcc-5.5 (GCC) 5.5.0
# cc= /opt/csw/bin/gcc-5.5 ./configure
```

It should be `CC=/opt/csw/bin/gcc-5.5 ./configure.

Seems the necessary library is not installed.

Related to Bug #18445: Make Ruby 3.0.3 on Solaris 10 by gmake with gcc 4.5.1 Assembler: main.c errors added

Has duplicate Bug #18448: Configuring Ruby 3.0.3 on Solaris 10 by gcc 4.5.1 with error: configure: error: cannot compute sizeof (long long) added

Related to deleted (Bug #18445: Make Ruby 3.0.3 on Solaris 10 by gmake with gcc 4.5.1 Assembler: main.c errors)

Has duplicate Bug #18445: Make Ruby 3.0.3 on Solaris 10 by gmake with gcc 4.5.1 Assembler: main.c errors added

We are using newer version of gcc now:

```
/usr/local/gcc4/bin/gcc --version
gcc (GCC) 4.5.1
```

```
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
LDSHARED = /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
```
Assembler: main.c
"/var/tmp/ccERyFfi.s", line 10 : Illegal mnemonic
Near line: "    .cfi_sections .debug_frame"
"/var/tmp/ccERyFfi.s", line 10 : Syntax error
Near line: "    .cfi_sections .debug_frame"
"/var/tmp/ccERyFfi.s", line 10 : Illegal mnemonic
Near line: "    .cfi_sections .debug_frame"
"/var/tmp/ccERyFfi.s", line 14 : Syntax error
Near line: "    .file 1 "/usr/include/sys/stat_impl.h"
"/var/tmp/ccERyFfi.s", line 15 : Illegal mnemonic
Near line: "    .loc 1 163 0"
"/var/tmp/ccERyFfi.s", line 15 : Syntax error
Near line: "    .loc 1 163 0"
"/var/tmp/ccERyFfi.s", line 16 : Illegal mnemonic
Near line: "    .cfi_startproc"
"/var/tmp/ccERyFfi.s", line 16 : Syntax error
Near line: "    .cfi_startproc"
"/var/tmp/ccERyFfi.s", line 19 : Illegal mnemonic
Near line: "    .cfi_def_cfa_offset 8"
"/var/tmp/ccERyFfi.s", line 19 : Syntax error
Near line: "    .cfi_def_cfa_offset 8"
"/var/tmp/ccERyFfi.s", line 21 : Illegal mnemonic
Near line: "    .loc 1 164 0"
"/var/tmp/ccERyFfi.s", line 21 : Syntax error
Near line: "    .loc 1 164 0"
"/var/tmp/ccERyFfi.s", line 23 : Illegal mnemonic
Near line: "    .cfi_def_cfa_register 5"
"/var/tmp/ccERyFfi.s", line 23 : Syntax error
Near line: "    .cfi_def_cfa_register 5"
"/var/tmp/ccERyFfi.s", line 25 : Illegal mnemonic
Near line: "    .loc 1 164 0"
"/var/tmp/ccERyFfi.s", line 25 : Syntax error
Near line: "    .loc 1 164 0"
"/var/tmp/ccERyFfi.s", line 34 : Illegal mnemonic
Near line: "    .loc 1 165 0"
"/var/tmp/ccERyFfi.s", line 34 : Syntax error
Near line: "    .loc 1 165 0"
"/var/tmp/ccERyFfi.s", line 36 : Illegal mnemonic
Near line: "    .cfi_restore 5"
"/var/tmp/ccERyFfi.s", line 36 : Syntax error
Near line: "    .cfi_restore 5"
"/var/tmp/ccERyFfi.s", line 38 : Illegal mnemonic
Near line: "    .cfi_def_cfa 4, 4"
"/var/tmp/ccERyFfi.s", line 38 : Syntax error
Near line: "    .cfi_def_cfa 4, 4"
"/var/tmp/ccERyFfi.s", line 40 : Illegal mnemonic
Near line: "    .cfi_endproc"
"/var/tmp/ccERyFfi.s", line 40 : Syntax error
Near line: "    .cfi_endproc"
"/var/tmp/ccERyFfi.s", line 51 : Syntax error
Near line: "    .file 2 "/main.c"
"/var/tmp/ccERyFfi.s", line 52 : Illegal mnemonic
Near line: "    .loc 2 38 0"
"/var/tmp/ccERyFfi.s", line 52 : Syntax error
Near line: "    .loc 2 38 0"
"/var/tmp/ccERyFfi.s", line 53 : Illegal mnemonic
Near line: "    .cfi_startproc"
"/var/tmp/ccERyFfi.s", line 53 : Syntax error
Near line: "    .cfi_startproc"
"/var/tmp/ccERyFfi.s", line 56 : Illegal mnemonic
Near line: "    .cfi_def_cfa_offset 8"
"/var/tmp/ccERyFfi.s", line 56 : Syntax error
Near line: "    .cfi_def_cfa_offset 8"
Too many errors - Goodbye
gmake: *** [main.o] Error 1
Could you please show the full output of gcc -v and check the "Configured with:" line?

On Intel Solaris, it seems that gcc configured with --with-gnu-as is needed to compile recent Ruby versions. i.e. gcc configured with --without-gnu-as cannot be used to build Ruby on Intel Solaris.

This also suggests that Sun Workshop (Sun Studio, Oracle Developer Studio) cc is not suitable to compile Ruby on Intel Solaris.

(On the other hand, on SPARC platform, gcc configured with --without-gnu-as --with-as=/usr/ccs/bin/as and Oracle Developer Studio 12.5 can be used to compile Ruby.)

Thanks. We have tried three different gcc compilers:

```
/usr/sfw/bin/gcc --version
gcc (GCC) 3.4.3 (csl-sol210-3_4-branch+sol_rpath)
```

```
/usr/local/gcc4/bin/gcc --version
gcc (GCC) 4.5.1
```

```
/opt/csw/gcc5/bin/gcc --version
gcc (GCC) 5.5.0
```

None of the could make ruby-3.0.3 on Solaris.

Please advice.

```
/usr/sfw/bin/gcc -v
Reading specs from /usr/sfw/lib/gcc/i386-pc-solaris2.10/3.4.3/specs
Configured with: /builds/sfw10-gate/usr/src/cmd/gcc/gcc-3.4.3/configure --prefix=/usr/sfw --with-as=/usr/sfw/bin/gas --with-gnu-as
--with-ld=/usr/ccs/bin/ld --without-gnu-ld --enable-languages=c,c++ --enable-shared
Thread model: posix
gcc version 3.4.3 (csl-sol210-3_4-branch+sol_rpath)
```

```
/opt/csw/gcc5/bin/gcc -v
Reading specs from /opt/csw/lib/gcc/i386-pc-solaris2.10/5.5.0/specs
Configured with: /home/dam/mgar/pkg/gcc5/trunk/work/solaris10-i386/build-isa-pentium_pro/gcc-5.5.0/configure --prefix=/opt/csw
--exec_prefix=/opt/csw --bindir=/opt/csw/bin --sbindir=/opt/csw/sbin --libexecdir=/opt/csw/libexec --datadir=/opt/csw/share --sysconfdir=/etc/opt/csw
--sharedstatedir=/opt/csw/share --localstatedir=/var/opt/csw --libdir=/opt/csw/lib --infodir=/opt/csw/share/info --includedir=/opt/csw/include
--mandir=/opt/csw/share/man --enable-cloog-backend=isl --enable-java-awt=xlib --enable-languages=ada,c,c++,fortran,go,java,objc --enable-libada
--enable-libssp --enable-nls --enable-objc-gc --enable-threads=posix --program-suffix=.5 --with-cloog=/opt/csw --with-gmp=/opt/csw
--with-included-gettext --with-id=/usr/ccs/bin/id --without-gnu-ld --with-libiconv-prefix=/opt/csw --with-mpf=/opt/csw --with-ppl=/opt/csw
--with-system-zlib=/opt/csw --without-gnu-as --with-as=/opt/csw/bin/gas
Thread model: posix
gcc version 5.5.0 (GCC)
```

```
/usr/local/gcc4/bin/gcc -v
Using built-in specs.
COLLECT_GCC=/usr/local/gcc4/bin/gcc
COLLECT_LTO_WRAPPER=/usr/local/gcc4/libexec/gcc/i386-pc-solaris2.10/4.5.1/lto-wrapper
Target: i386-pc-solaris2.10
Configured with: ../configure --with-gnu-as --with-as=/usr/local/bin/gas --without-gnu-ld --with-id=/usr/ccs/bin/id --enable-nls --enable-threads=posix
```

```
03/16/2022
9/10
```
--prefix=/usr/local/gcc4 --enable-shared --enable-multilib --enable-languages=c,c++,objc --enable-bootstrap --with-mpfr=/usr/local
--with-mpc=/usr/local --with-gmp=/usr/local
Thread model: posix
gcc version 4.5.1 (GCC)

#35 - 01/18/2022 09:15 PM - dklein (Dmitri Klein)
Looks like all of our GCCs are configured with --with-gnu-as!

#36 - 01/18/2022 09:15 PM - dklein (Dmitri Klein)
Gmake has been stopped at:
Generating RDoc documentation
uh-oh! RDoc had a problem:
    ld.so.1: ruby: fatal: Init_ripper: can't find symbol
Can you help with that, please? Many thanks!

Files
---
<table>
<thead>
<tr>
<th>File</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>config.log</td>
<td>1.63 MB</td>
<td>12/23/2021</td>
<td>dklein (Dmitri Klein)</td>
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<tr>
<td>config.log</td>
<td>1.59 MB</td>
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<td>dklein (Dmitri Klein)</td>
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