Ruby master - Feature #13883
Change from gperf 3.0.4 to gperf 3.1
09/09/2017 02:16 AM - duerst (Martin Dürst)

Status: Closed
Priority: Normal
Assignee: nobu (Nobuyoshi Nakada)
Target version: 

Description
There are several places in Ruby where gperf 3.0.4 is assumed.
The newest version of gperf is 3.1. In the long term, we should update Ruby so that it can be compiled with gperf 3.1.

Associated revisions
Revision a4804fbd - 12/08/2017 05:51 AM - nobu (Nobuyoshi Nakada)
support gperf 3.1
  • tool/gperf.sed: extracted sed commands to a script. ANSI-C code
    produced by gperf 3.1 declares length arguments as size_t. it
    causes conflict with existing declarations, and needs casts for
    a local variable and return statements. [Feature #13883]
git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@61076 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 61076 - 12/08/2017 05:51 AM - nobu (Nobuyoshi Nakada)
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Revision 7c4306e6 - 12/15/2017 02:42 PM - nobu (Nobuyoshi Nakada)
gperf.sed: static declarations
  • tool/gperf.sed: comment out arguments part only, to keep the
    following declarations static. [Feature #13883]
git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@61282 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 61282 - 12/15/2017 02:42 PM - nobu (Nobuyoshi Nakada)
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History

#1 - 09/10/2017 02:41 PM - nobu (Nobuyoshi Nakada)
Seems the code generated by gperf 3.1 without -n option has a problem with Apple clang.

defs/keywords:57:32: error: implicit conversion loses integer precision: 'size_t' (aka 'unsigned long') to 'unsigned int' [-Werror,-Wshorten-64-to-32]
    register unsigned int hval = len;
    ^~~

#2 - 12/04/2017 10:54 AM - duerst (Martin Dürst)
This issue may have been fixed with https://svn.ruby-lang.org/cgi-bin/viewvc.cgi?view=revision&revision=60976. Nobu, please close if that's true.

#3 - 12/08/2017 05:51 AM - nobu (Nobuyoshi Nakada)
- Status changed from Open to Closed

Applied in changeset trunk|r61076.

support gperf 3.1

- tool/gperf.sed: extracted sed commands to a script. ANSI-C code produced by gperf 3.1 declares length arguments as size_t. It causes conflict with existing declarations, and needs casts for a local variable and return statements. [Feature #13883]