Jump to bottom

heap-use-after-free in ecma_bytecode_ref #4056



New issue

⊙ Closed owl337 opened this issue on Jul 25, 2020 · 0 comments · Fixed by #4068

Assignees • bug Labels

```
owl337 commented on Jul 25, 2020
JerryScript revision
 da5b058
Build platform
Ubuntu 16.04.6 LTS (Linux 4.15.0-99-generic x86_64)
    ./tools/build.py --clean --debug --compile-flag=-fsanitize=address \
--compile-flag=-m32 --compile-flag=-fno-omit-frame-pointer \
--compile-flag=-fno-common --compile-flag=-g --strip=off \
--system-allocator=on --logging=on --linker-flag=-fuse-ld=gold \
--error-messages=on --profile=es2015-subset --lto=off
Test case
    function echo(RegExp) {
   try { (r).compile(r).compile(RegExp.prototype) } catch (err) { }
    var suppressLastIndex = false;
    var suppressRegExp = false;
var suppressIndex = false;
    function safeCall(f) {
          var args = [];
for (var a = 1; a < arguments.length; ++a)</pre>
                 args.push(arguments[a]);
                 return f.apply(this, args);
          } catch (ex) {
   echo("EXCEPTION");
    function dump(o) {
          var sb = [];
if (o === null)
                 sb.push("null");
          else if (o === undefined)
    sb.push("undefined");
           else if (o === true)
          sb.push("true");
else if (o === false)
          sb.push("false");
else if (typeof o === "number")
          sb.push(o.toString());
else if (typeof o == "string") {
   if (o.length > 8192)
    sb.push("<long string>");
   else {
                        e \
sb.push("\"");
var start = -1;
for (var i = 0; i < o.length; i++) {
    var c = o.charCodeAt(i);</pre>
                               c = 0.com cover([]);
if (c <32 || c > 127 || c == '"'.charCodeAt(θ) || c == '\\'.charCodeAt(θ)) {
   if (start >= θ)
                                      sb.push(o.substring(start, i));
start = -1;
sb.push("\\u");
                                       sb.push(String.fromCharCode(hex.charCodeAt((c >> 12) & 0xf)));
                                      sb.push(String.fromCharCode(hex.charCodeAt((c >> 8) \& 0xf)));\\ sb.push(String.fromCharCode(hex.charCodeAt((c >> 4) \& 0xf)));\\
                                      sb.push(String.fromCharCode(hex.charCodeAt((c >> 0) & 0xf)));
                               else {
                                      if (start < 0)
                                           start = i;
                              }
                        if (start >= 0)
                        sb.push(o.substring(start, o.length));
sb.push("\"");
           else if (o instanceof RegExp) {
                 elr (o intendence negety) {
var body = o.source;
sb.push("/");
var start = -1;
for (var i = 0; i < body.length; i++) {
var c = body.charCodeAt(i);
```

```
if (c < 32 \mid \mid c > 127) {
                        if (start >= 0)
                        sb.push(body.substring(start, i));
start = -1;
                        \label{eq:sb:push} $$ sb.push("\setminus u"); $$ sb.push(String.fromCharCode(hex.charCodeAt((c >> 12) & 0xf))); $$
                        sb.push(String.fromCharCode(hex.charCodeAt((c >> 8) \& 0xf)));\\ sb.push(String.fromCharCode(hex.charCodeAt((c >> 4) \& 0xf)));\\ sb.push(String.fromCharCode(hex.charCodeAt((c >> 0) \& 0xf)));\\ sb.push(String.fromCharCode(hex.charCodeAt((c >> 0) & 0xf)));\\
                  else {
                        if (start < 0)
start = i;
            }
if (start >= 0)
                  sb.push(body.substring(start, body.length));
             sh.nush("/"):
             if (o.global)
                  sb.push("g");
            if (o.ignoreCase)
sb.push("i");
            if (o.multiline)
    sb.push("m");
            if (!suppressLastIndex && o.lastIndex !== undefined) {
                  sb.push(" /*lastIndex=");
                  sb.push(o.lastIndex);
                  sb.push("*/ ");
      else if (o.length !== undefined) {
            sb.push("[");
for (var i = 0; i < o.length; i++) {
                 if (i > 0)
sb.push(",");
                  sb.push(dump(o[i]));
             sb.push("]");
             if (!suppressIndex && (o.input !== undefined || o.index !== undefined))
                  sb.push(" /*input=");
sb.push(dump(o.input));
                  sb.push(", index=");
sb.push(dump(o.index));
                  sb.push("*/ ");
       else if (o.toString !== undefined) {
            sb.push("<object with toString>");
      else
      sb.push(o.toString());
return sb.join("");
function pre(w, origargs, n) {
   var sb = [w];
      sb.push("(");
for (var i = 0; i < n; i++) {
    if (i > 0) sb.push(", ");
    sb.push(dump(origargs[i]));
      if (origargs.length > n) {
    sb.push(", ");
    sb.push(dump(origargs[n]));
            origargs[0].lastIndex = origargs[n];
       sb.push(");");
      echo(sb.join(""));
function post(r) {
      if (!suppressLastIndex) {
   echo("r.lastIndex=" + dump(r.lastIndex));
      if (!suppressRegExp) {
           (|suppressing=n, | var sb = [];

sb.push("RegExp.${_,1,...,9}=[");

sb.push(dump(RegExp.$_));

for (var i = 1; i <= 9; i++) {
                  sb.push(",");
                  sb.push(dump(RegExp["$" + i]));
            sb.push("]");
             echo(sb.join(""));
     }
function exec(r, s) {
   pre("exec", arguments, 2);
   echo(dump(r.exec(s)));
function test(r, s) {
   pre("test", arguments, 2);
   echo(dump(r.test(s)));
      post(r);
function replace(r, s, o) {
   pre("replace", arguments, 3);
       echo(dump(s.replace(r, o)));
      post(r);
function split(r, s) {
    pre("split", arguments, 2);
      echo(dump(s.split(r)));
post(r);
function match(r, s) {
```

```
pre("match", arguments, 2);
            echo(dump(s.match(r)));
            nost(r):
     function search(r, s) {
           pre("search", arguments, 2);
echo(dump(s.search(r)));
           post(r);
   function bogus(r, o) {
   echo("bogus(" + dump(r) + ", " + dump(o) + ");");
            try { new RegExp(r, o); echo("FAILED"); } catch (e) { echo("PASSED"); }
    r = /a*/g;
s = "cdsddfs";
    exec(r, s);
Output
    ==80830==ERROR: AddressSanitizer: heap-use-after-free on address 0x66502022 at pc 0x08073345 bp 0xffe00ad8 sp 0xffe00ac8 READ of size 2 at 0x66502022 thread T0
           #1 0x80b41fb in ecma_op_create_regexp_from_bytecode /home/jerryscript/jerry-core/ecma/operations/ecma-regexp-object.c:362
            #2 0x8133fe1 in ecma_builtin_regexp_prototype_compile /home/jerryscript/jerry-core/ecma/builtin-objects/ecma-builtin-regexp-prototype.c:320
            #3 @x813455b in ecma_builtin_regexp_prototype_dispatch_routine /home/jerryscript/jerry-core/ecma/builtin-objects/ecma-builtin-regexp-prototype.c:567
           #4 0x808281d in ecma_builtin_dispatch_routine /home/jerryscript/jerry-core/ecma/builtin-objects/ecma-builtins.c:1216 #5 0x80829c3 in ecma_builtin_dispatch_call /home/jerryscript/jerry-core/ecma/builtin-objects/ecma-builtins.c:1240
           #6 0x8098e38 in ecma_op_function_call_simple /home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c:845 #7 0x8099c3f in ecma_op_function_call /home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c:1142 #8 0x80fb2f7 in opfunc_call /home/jerryscript/jerry-core/vm/vm.c:778
           #9 0x810e095 in vm_execute /home/jerryscript/jerry-core/vm/vm.c:4690 #10 0x810e5d9 in vm_run /home/jerryscript/jerry-core/vm/vm.c:4792
           #11 0x8099320 in ecma_op_function_call_simple /home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c:943
#12 0x8099c3f in ecma_op_function_call /home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c:1142
           #13 0x80fb2f7 in opfunc_call /home/jerryscript/jerry-core/vm/vm.c:778
#14 0x810e095 in vm_execute /home/jerryscript/jerry-core/vm/vm.c:4690
#15 0x810e5d9 in vm_run /home/jerryscript/jerry-core/vm/vm.c:4792
             \verb|#16 0x8099320 in ecma_op_function_call_simple / home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c: 943 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
           #17 0x8099c3f in ecma_op_function_call /home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c:1142
#18 0x80fb2f7 in opfunc_call /home/jerryscript/jerry-core/vm/vm.c:778
#19 0x810e095 in vm_execute /home/jerryscript/jerry-core/vm/vm.c:4690
           #20 0x810e5d9 in vm_run /home/jerryscript/jerry-core/vm/vm.c:4792 #21 0x8099320 in ecma_op_function_call_simple /home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c:943
           #22 0x8099c3f in ecma_op_function_call /home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c:1142    #23 0x80fb2f7 in opfunc_call /home/jerryscript/jerry-core/vm/vm.c:778
           #24 0x810e095 in vm_execute /home/jerryscript/jerry-core/vm/vm.c:4690 #25 0x810e5d9 in vm_run /home/jerryscript/jerry-core/vm/vm.c:4792 #26 0x80f9aff in vm_run_global /home/jerryscript/jerry-core/vm/vm.c:339
            #27 0x804def4 in jerry_run /home/jerryscript/jerry-core/api/jerry.c:579
           #28 0x804acbf in main /home/jerryscript/jerry-main/main-unix.c:759 #29 0xf7888646 in _libc_start_main (/lib/i386-linux-gnu/libc.so.6+0x18646)
            #30 0x8048fb0 (/home/jerryscript/build/bin/jerry+0x8048fb0)
     0xf6502022 is located 2 bytes inside of 24-byte region [0xf6502020,0xf6502038)
     freed by thread T0 here:
#0 0xf7abda84 in free (/usr/lib32/libasan.so.2+0x96a84)
           #1 0x80c2885 in jmem_heap_free_block_internal /home/jerryscript/jerry-core/jmem/jmem-heap.c:476
#2 0x80c2c1d in jmem_heap_free_block /home/jerryscript/jerry-core/jmem/jmem-heap.c:685
            #3 0x80738ff in ecma_bytecode_deref /home/jerryscript/jerry-core/ecma/base/ecma-helpers.c:1467
            ## 0x813450b in ecma_builtin_regexp_prototype_complete/home/jerryscript/jerry-core/ecma/builtin-objects/ecma-builtin-regexp-prototype_c:319
#5 0x813455b in ecma_builtin_regexp_prototype_dispatch_routine /home/jerryscript/jerry-core/ecma/builtin-objects/ecma-builtin-regexp-prototype_c:567
           #6 0x808281d in ecma_builtin_dispatch_routine /home/jerryscript/jerry-core/ecma/builtin-objects/ecma-builtins.c:1216 #7 0x80829c3 in ecma_builtin_dispatch_call /home/jerryscript/jerry-core/ecma/builtin-objects/ecma-builtins.c:1240
           #8 0x8098e38 in ecma_op_function_call_simple /home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c:845 #9 0x8099c3f in ecma_op_function_call /home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c:1142
           #10 0x80fb2f7 in opfunc_call /home/jerryscript/jerry-core/vm/vm.c:778 #11 0x810e095 in vm_execute /home/jerryscript/jerry-core/vm/vm.c:4690
           #12 0x810e5d9 in vm_run /home/jerryscript/jerry-core/vm/vm.c:4792 #13 0x8099320 in ecma_op_function_call_simple /home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c:943
            #14 0x8099c3f in ecma_op_function_call /home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c:1142
            #15 0x80fb2f7 in opfunc_call /home/jerryscript/jerry-core/vm/vm.c:778
            #16 0x810e095 in vm_execute /home/jerryscript/jerry-core/vm/vm.c:4690
            #17 0x810e5d9 in vm_run /home/jerryscript/jerry-core/vm/vm.c:4792
            #18 0x8099320 in ecma_op_function_call_simple /home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c:943
           #19 0x8099c3f in ecma_op_function_call /home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c:1142
#20 0x80fb2f7 in opfunc_call /home/jerryscript/jerry-core/vm/vm.c:778
            #21 0x810e095 in vm execute /home/ierrvscript/ierrv-core/vm/vm.c:4690
            #22 0x810e5d9 in vm_run /home/jerryscript/jerry-core/vm/vm.c:4792
           #23 0x8099320 in ecma_op_function_call_simple/home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c:943 #24 0x8099c3f in ecma_op_function_call/home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c:1142
            #25 0x80fb2f7 in opfunc_call /home/jerryscript/jerry-core/vm/vm.c:778
           #26 0x810e095 in vm_execute /home/jerryscript/jerry-core/vm/vm.c:4690
#27 0x810e5d9 in vm_run /home/jerryscript/jerry-core/vm/vm.c:4792
           #28 0x80f9aff in vm_run_global /home/jerryscript/jerry-core/vm/vm.c:339 #29 0x804def4 in jerry_run /home/jerryscript/jerry-core/api/jerry.c:579
            #0 0xf7abe144 in interceptor realloc (/usr/lib32/libasan.so.2+0x97144)
            #1 0x80c2bfe in jmem_heap_realloc_block /home/jerryscript/jerry-core/jmem/jmem-heap.c:674
            #2 0x80eb507 in re_compile_bytecode /home/jerryscript/jerry-core/parser/regexp/re-compiler.c:144
#3 0x80b412e in ecma_op_create_regexp_from_pattern /home/jerryscript/jerry-core/ecma/operations/ecma-regexp-object.c:336
            #4 0x8133ff7 in ecma_builtin_regexp_prototype_compile /home/jerryscript/jerry-core/ecma/builtin-objects/ecma-builtin-regexp-prototype.c:323
           #5 0x813455b in ecma_builtin_regexp_prototype_dispatch_routine /home/jerryscript/jerry-core/ecma/builtin-objects/ecma-builtin-regexp_prototype.c:567 #6 0x808281d in ecma_builtin_dispatch_routine /home/jerryscript/jerry-core/ecma/builtin-objects/ecma-builtins.c:1216
            #7 0x80829c3 in ecma_builtin_dispatch_call /home/jerryscript/jerry-core/ecma/builtin-objects/ecma-builtins.c:1240
#8 0x8098e38 in ecma_op_function_call_simple /home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c:845
           #9 0x8099c3f in ecma_op_function_call /home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c:1142
#10 0x80fb2f7 in opfunc_call /home/jerryscript/jerry-core/vm/vm.c:778
            #11 0x810e095 in vm execute /home/ierrvscript/ierrv-core/vm/vm.c:4690
           #12 0x810e5d9 in vm_run /home/jerryscript/jerry-core/vm/vm.ct.4792
#13 0x80e99320 in ecma_op_function_call_simple /home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c:943
            #14 0x8099c3f in ecma_op_function_call /home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c:1142
            #15 0x80fb2f7 in opfunc_call /home/jerryscript/jerry-core/vm/vm.c:778
```

```
#16 0x810e095 in vm_execute /home/jerryscript/jerry-core/vm/vm.c:4690
                  #17 0x810e5d9 in vm_run /home/jerryscript/jerry-core/vm/vm.c:4792
#18 0x8099320 in ecma_op_function_call_simple /home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c:943
#19 0x8099c3f in ecma_op_function_call /home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c:1142
                   #20 0x80fb2f7 in opfunc_call /home/jerryscript/jerry-core/vm/vm.c:778 #21 0x810e095 in vm_execute /home/jerryscript/jerry-core/vm/vm.c:4690
                   #22 0x810e5d9 in vm_run /home/jerryscript/jerry-core/vm/vm.c:4792 #23 0x8099320 in ecma_op_function_call_simple /home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c:943
                   #24 0x8099c3f in ecma op function call /home/jerryscript/jerry-core/ecma/operations/ecma-function-object.c:1142
                   #25 0x80fb2f7 in opfunc_call /home/jerryscript/jerry-core/vm/vm.c:778
#26 0x810e095 in vm_execute /home/jerryscript/jerry-core/vm/vm.c:4690
                  #27 0x810e5d9 in vm_run/home/jerryscript/jerry-core/vm/vm.c:4792

#28 0x80f9aff in vm_run_global /home/jerryscript/jerry-core/vm/vm.c:339

#29 0x804def4 in jerry_run/home/jerryscript/jerry-core/api/jerry.c:579
           SUMMARY: AddressSanitizer: heap-use-after-free /home/jerryscript/jerry-core/ecma/base/ecma-helpers.c:1344 ecma_bytecode_ref
           Shadow bytes around the buggy address:
               0x3eca03b0: fd fd fd fd fa fa fd fd fd fd fa fa fd fd fd fd ox3eca03c0: fa fa fd fd fd fd fa fa fd fd fd fd fa fa fd fd fd fa fa fa
               0x3eca03e0: fd fd fd fa fa fa fd fd fd fd fa fa fd fd fd fa 0x3eca03f0: fa fa fd fd fd fa fa fa fd fd fd fa fa fa fd fd fd fa fa fa fo 00 00
           =>0x3eca0400: 00 fa fa fa[fd]fd fd fa fa fa fd fd fd fa fa fa 0x3eca0410: fd fd fd fa fa fa 00 00 00 fa fa fa fa 00 00 00 fa
               0x3eca0420: fa fa fd fd fd fa fa fa fd fd fd fa fa fa fd fd
               0x3eca0450: fa fa fd fd fd fa fa fd fd fd fa fa fa fd fd
           Shadow byte legend (one shadow byte represents 8 application bytes):
               Addressable:
               Partially addressable: 01 02 03 04 05 06 07
Heap left redzone: fa
Heap right redzone: fb
               Freed heap region:
Stack left redzone:
               Stack mid redzone:
                                                                    f2
                Stack right redzone:
               Stack partial redzone:
               Stack after return:
Stack use after scope:
               Global redzone:
               Global init order:
               Poisoned by user:
Container overflow:
                                                                    fc
               Array cookie:
Intra object redzone:
               ASan internal:
           ==80830==ABORTING
     Credits: This vulnerability is detected by chong from OWL337.
   Representation of Property of the Property of Property of the 
   rerobika added the bug label on Jul 27, 2020
   dbatyai pushed a commit to dbatyai/jerryscript that referenced this issue on Jul 27, 2020
                     Fix a use-after-free in RegExp prototype.compile ...
                                                                                                                                                                                                                                                                                                                                                                                                  X f8b2c39
   dbatyai pushed a commit to dbatyai/jerryscript that referenced this issue on Jul 27, 2020
                     Fix a use-after-free in RegExp prototype.compile ...
                                                                                                                                                                                                                                                                                                                                                                                                  × 7918488
   dbatyai pushed a commit to dbatyai/jerryscript that referenced this issue on Jul 27, 2020
                                                                                                                                                                                                                                                                                                                                                                                                  ✓ bf2c9e1
                     Fix a use-after-free in RegExp.prototype.compile ...
   dbatyai mentioned this issue on Jul 27, 2020
              Fix a use-after-free in RegExp.prototype.compile #4068
              Merged
              LaszloLango closed this as completed in #4068 on Jul 28, 2020
   【☑ LaszloLango pushed a commit that referenced this issue on Jul 28, 2020
                     Fix a use-after-free in RegExp.prototype.compile (#4068) ...
                                                                                                                                                                                                                                                                                                                                                                                                   ✓ 20f83d9
Assianees
ndbatyai
Labels
Projects
Milestone
No milestone
```

Development

Successfully merging a pull request may close this issue.

% Fix a use-after-free in RegExp.prototype.compile dbatyai/jerryscript

3 participants



