

Ruby - Bug #13578

Another iseq_set_sequence: adjust bug

05/19/2017 09:06 AM - zenspider (Ryan Davis)

Status:	Closed	Backport: 2.2: DONTNEED, 2.3: DONTNEED, 2.4: DONE
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:	2.4.1p111	
Description This seems to be related to #12613 #!/usr/bin/env ruby -w def process_defn if true then # nothing needed here else if true then case 42 when 42 then return 42 # BOOM when s { 42 } then # nothing needed here end end end end return 42 end causes: wtf.rb:10: [BUG] iseq_set_sequence: adjust bug -2 < 0 ruby 2.4.1p111 (2017-03-22 revision 58053) [x86_64-darwin16] I just built and installed 2.4.1 and it is still there. Also repros in 2.4.0. 2.3 and below seem fine.		

Associated revisions

Revision 5cf363247595a43e58c919f11c5fc5883871b8a9 - 08/05/2017 02:43 AM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 58810,58894: [Backport #13578]

```
compile.c: fix catch-table labels optimization  
  
* compile.c (remove_unreachable_chunk): do not eliminate chunks  
  followed by labels in catch-table entries.  
compile.c: fix possible use of uninitialized value  
  
LABEL::unremovable added by r58810 is not initialized by  
new_label_body(), making the optimization unstable.
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_4@59514 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 5cf36324 - 08/05/2017 02:43 AM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 58810,58894: [Backport #13578]

```
compile.c: fix catch-table labels optimization  
  
* compile.c (remove_unreachable_chunk): do not eliminate chunks  
  followed by labels in catch-table entries.  
compile.c: fix possible use of uninitialized value
```

```
LABEL::unremovable added by r58810 is not initialized by  
new_label_body(), making the optimization unstable.
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_4@59514 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 05/19/2017 09:34 AM - zenspider (Ryan Davis)

Further reduced via IRC:

```
def process_defn  
  if false  
    case 42  
      when s {} then  
        when 42 then  
          return  
        end  
      end  
    end  
    return  
  end  
end
```

#2 - 05/20/2017 03:37 AM - nobu (Nobuyoshi Nakada)

- Status changed from *Open* to *Closed*

- Backport changed from 2.2: UNKNOWN, 2.3: UNKNOWN, 2.4: UNKNOWN to 2.2: DONTNEED, 2.3: DONTNEED, 2.4: REQUIRED

#3 - 05/20/2017 05:14 AM - zenspider (Ryan Davis)

Thank you. While your test code does NOT repro under 2.4.1p111, it does under trunk. I've verified that this and my original code all compile fine under latest trunk.

#4 - 08/05/2017 02:43 AM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 2.2: DONTNEED, 2.3: DONTNEED, 2.4: REQUIRED to 2.2: DONTNEED, 2.3: DONTNEED, 2.4: DONE

ruby_2_4 r59514 merged revision(s) 58810,58894.