Ruby master - Bug #18240
Random segfault on a local Rails server
10/05/2021 08:52 AM - Benoit_Tigeot (Benoit Tigeot)

Status: Closed
Priority: Normal
Assignee:
Target version:
ruby -v: 3.0.2
Backport: 2.6: UNKNOWN, 2.7: UNKNOWN, 3.0: UNKNOWN

Description
Hello

I am having random segfault locally when rails a basic rails app.

The control frame is weird:

```
| -- Control frame information -----------------------------------------------
web  | c:0073 p:---- s:0470 e:000469 CFUNC :append_features
web  | c:0072 p:---- s:0467 e:000466 CFUNC :include
```

History

#1 - 10/05/2021 02:43 PM - jeremyevans0 (Jeremy Evans)
Unfortunately, I don’t think there is enough information provided to help diagnose the specific cause of the issue (the general cause is likely to be memory corruption). The following 3rd party C-extensions are in use:

nio4r
bindex
byebug
stackprof
bcrypt
panko_serializer
oj
ffi
puma
pg
nokogiri
bootsnap
msgpack

A memory issue in any of those could cause a segfault in append_features. If it is possible to disable the use of all or most of the external C extensions and see if that makes that problem go away, that would be one way to go about diagnosing the problem.

#2 - 10/05/2021 03:33 PM - Benoit_Tigeot (Benoit Tigeot)
Thanks Jeremy for your answer. We're gonna try to disable the C extensions one by one to identify if one behaves badly.

I think the ticket can be marked as closed, we will publish our result here.

#3 - 10/05/2021 03:37 PM - jeremyevans0 (Jeremy Evans)
- Status changed from Open to Closed

Files

<table>
<thead>
<tr>
<th>Untitled.txt</th>
<th>724 KB</th>
<th>10/05/2021</th>
<th>Benoit_Tigeot (Benoit Tigeot)</th>
</tr>
</thead>
</table>

03/16/2022