Ruby - Bug #21204

`TestEtc#test_ractor_parallel` is still flaky result with ModGC/MMTk

03/28/2025 03:32 AM - hsbt (Hiroshi SHIBATA)

Status:	Assigned		
Priority:	Normal		
Assignee:	eightbitraptor (Matt V-H)		
Target version:			
ruby -v:		**Backport:**	3.1: UNKNOWN, 3.2: UNKNOWN, 3.3: UNKNOWN, 3.4: UNKNOWN

Description

https://github.com/ruby/ruby/actions/runs/14121185441/job/39561623937?pr=13004

```
  1) Failure:
TestEtc#test_ractor_parallel [/home/runner/work/ruby/ruby/src/test/etc/test_etc.rb:178]:
pid 150540 killed by SIGABRT (signal 6) (core dumped)
| [BUG] pthread_mutex_lock: Owner died (EOWNERDEAD)
| ruby 3.5.0dev (2025-03-28T03:13:46Z pull/13004/merge 4cfbc634ea) +PRISM +GC[mmtk] [x86_64-linu
x]
|
| -- Control frame information -----------------------------------------------
|
| malloc_consolidate(): unaligned fastbin chunk detected
|
| -- Threading information --------------------------------------------------
| Total ractor count: 1
```

History

#1 - 03/28/2025 10:29 AM - Eregon (Benoit Daloze)

- Assignee set to eightbitraptor (Matt V-H)

This seems a ModGC bug as the failure seems to happen (from what I heard) only in the ModGC workflow, cc @eightbitraptor (Matt V-H) @peterzhu2118 (Peter Zhu)
The test has been omitted only for the ModGC workflow: https://github.com/ruby/etc/pull/55

#2 - 03/28/2025 10:30 AM - Eregon (Benoit Daloze)

- Subject changed from `TestEtc#test_ractor_parallel` is still flaky result to `TestEtc#test_ractor_parallel` is still flaky result with ModGC/MMTk

#3 - 03/28/2025 10:56 AM - eightbitraptor (Matt V-H)

- Status changed from Open to Assigned

#4 - 04/02/2025 08:58 AM - hsbt (Hiroshi SHIBATA)

TestSocket#test_timestamp is failed sometimes on ModGC workflow.

```
  1) Failure:
TestSocket#test_timestamp [/home/runner/work/ruby/ruby/src/test/socket/test_socket.rb:493]:
<[[#<Socket:fd 7>], [], []]> expected but was
<nil>.
```

https://github.com/ruby/ruby/actions/runs/14212913556/job/39823279828?pr=13037