Backport21 - Backport #9524

Please backport r45021 for "RUBY_GC_HEAP_OLDOBJECT_LIMIT_FACTOR".

02/17/2014 04:42 AM - ko1 (Koichi Sasada)

Status: Closed
Priority: Normal
Assignee:

Description
Please backport r45021
to introduce new environment variable
"RUBY_GC_HEAP_OLDOBJECT_LIMIT_FACTOR".

This fix doesn't change a default behavior, but we can tune
full GC frequency with this environment variable.

Associated revisions
Revision 56b6eed3 - 02/19/2014 06:00 AM - naruse (Yui NARUSE)
merge revision(s) 45021,45022,45028: [Backport #9524]

* gc.c: introduce new environment variable
  "RUBY_GC_HEAP_OLDOBJECT_LIMIT_FACTOR" to control major/minor GC
  frequency.
  Do full GC when the number of old objects is more than R * N
  where R is this factor and

* test/ruby/test_gc.rb: add a test.

* gc.c (get_envparam_double): fix a warning message.

Revision 45044 - 02/19/2014 06:00 AM - naruse (Yui NARUSE)
merge revision(s) 45021,45022,45028: [Backport #9524]

* gc.c: introduce new environment variable
  "RUBY_GC_HEAP_OLDOBJECT_LIMIT_FACTOR" to control major/minor GC
  frequency.
  Do full GC when the number of old objects is more than R * N
  where R is this factor and

* test/ruby/test_gc.rb: add a test.

* gc.c (get_envparam_double): fix a warning message.

History
#1 - 02/17/2014 04:43 AM - ko1 (Koichi Sasada)
And also r45022 only change warning message.

#2 - 02/18/2014 08:03 AM - naruse (Yui NARUSE)
- Status changed from Open to Feedback

Those commits conflict with current ruby_2_1

#3 - 02/19/2014 06:01 AM - naruse (Yui NARUSE)
- Status changed from Feedback to Closed
- % Done changed from 0 to 100

Applied in changeset r45044.

merge revision(s) 45021,45022,45028: [Backport #9524]
* gc.c: introduce new environment variable
  "RUBY_GC_HEAP_OLDOBJECT_LIMIT_FACTOR" to control major/minor GC
  frequency.
  Do full GC when the number of old objects is more than R * N
  where R is this factor and

* test/ruby/test_gc.rb: add a test.

* gc.c (get_envparam_double): fix a warning message.