Deprecate rb_gc_force_recycle

I'm proposing to deprecate rb_gc_force_recycle and make it a no-op function because it is a burden to maintain and makes changes to the GC difficult. It is also easy to incorrectly use this function and cause memory leaks such as #18065.

Associated revisions

Revision aeaee6e28 - 11/08/2021 07:05 PM - peterzhu2118 (Peter Zhu)
[Feature #18290] Remove all usages of rb_gc_force_recycle

This commit removes usages of rb_gc_force_recycle since it is a burden to maintain and makes changes to the GC difficult.

Revision 30940648 - 11/08/2021 07:05 PM - peterzhu2118 (Peter Zhu)
[Feature #18290] Deprecate rb_gc_force_recycle and remove invalidate_mark_stack_chunk

This commit deprecates rb_gc_force_recycle and coverts it to a no-op function. Also removes invalidate_mark_stack_chunk since only rb_gc_force_recycle uses it.

Revision 39d3d24a - 11/08/2021 08:39 PM - peterzhu2118 (Peter Zhu)
[Feature #18290] Remove tests that test use of rb_gc_force_recycle

Remove tests that assume objects get force recycled.

Revision e014c9d6 - 11/08/2021 09:41 PM - peterzhu2118 (Peter Zhu)
[ci skip] Update NEWS.md for [Feature #18290]

History

#1 - 11/08/2021 07:06 PM - peterzhu2118 (Peter Zhu)
- Status changed from Open to Closed

Applied in changeset git|aeae6e2842e1702dfb89b8ae69b48c4f5f64c662.

[Feature #18290] Remove all usages of rb_gc_force_recycle

This commit removes usages of rb_gc_force_recycle since it is a burden to maintain and makes changes to the GC difficult.