Let memory sizes of the various IMEMO object types be reflected correctly

04/27/2019 11:36 PM - methodmissing (Lourens Naudé)

Status: Closed
Priority: Normal
Assignee:
Target version:

Description
References Github PR https://github.com/ruby/ruby/pull/2140
In current trunk only the imemo_tmpbuf type's auxiliary malloc heap buffer is factored into obj_memsize_of. The following IMEMO types also allocate on the malloc heap:

- imemo_env (similar pattern as imemo_tmpbuf, an array of VALUEs)
- imemo_ment (single struct allocated)
- imemo_iseq (massaged the iseq_memsize API a little)
- imemo_ast (more difficult to get right, need to walk buffer elements too)

The imemo_memsize function introduced attempts to be the entry point for object size calculation of the IMEMO types.

I think these are important to reflect actual size for heap dumps etc. too. Thoughts?

Associated revisions
Revision 90c4bd2d - 07/23/2019 07:22 AM - methodmissing (Lourens Naudé)
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[Feature #15805]
Closes: https://github.com/ruby/ruby/pull/2140

History
#1 - 07/23/2019 07:22 AM - nobu (Nobuyoshi Nakada)
- Tracker changed from Misc to Feature

#2 - 07/23/2019 07:26 AM - methodmissing (Lourens Naudé)
- Status changed from Open to Closed

Applied in changeset git|90c4bd2d2bd10b19c2b09834396553742be7e8a4.

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