
Subject: Re: Solve memory problems

Posted by [Craig Markwardt](#) on Thu, 15 Jan 2009 07:41:14 GMT

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On Jan 14, 12:55 pm, "mgal...@gmail.com" <mgal...@gmail.com> wrote:

>

> That said, IDL does not have the same garbage collection algorithms.

> HEAP_GC is *slow* when you have a lot of heap variables. I would

> support IDL adding real garbage collection, but what is currently in

> IDL is a debugging tool only.

It doesn't really have to be garbage collection. Python uses reference-counting, and IDL could easily do the same kind of thing, with extremely low overhead. Internal to IDL, what is needed is one additional integer for each heap variable and three extra instructions per pointer assignment.

Garbage collection might still be useful for when cycles occur.

Craig
