Subject: Re: pointer question
Posted by R.Bauer on Sun, 25 Mar 2001 17:24:43 GMT
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Ted Graves wrote:
>
> Hi all,
>
> Another lurker question ... let's say you define a pointer using the PTR_NEW
> function and assign to a variable x. As long as you keep track of x and don't
> reassign x and lose the pointer to the heap variable, things are great. You
> can remove the heap variable from memory using the PTR_FREE procedure.
>
> But now let's say i have a function TEST that takes a pointer as an argument,
> and i want to create a pointer on the fly to use in TEST. So i do something
> like
>
> result = TEST(PTR_NEW(value))
>
> where value is whatever i want the heap variable to be. What happens to the
> heap variable assigned in this statement after TEST returns? I'm assuming
> from that because of the way it was created, a heap variable now exists that i
> can't easily get rid of without using HEAP_GC.
>
> Me and my sloppy programming ...
>
> Ted Graves
> Magnetic Resonance Science Center, UCSF

We have a routine in our library which I am using often in this case.

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_source/idl_ html/dbase/download/rec_ptr_free.tar.gz

For further routines and licensing please look at
http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.h tml

regards

Reimar

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http://www.fz-juelich.de/icg/icg1/
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a IDL library at ForschungsZentrum Jï¿½lich
http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.h tml

http://www.fz-juelich.de/zb/text/publikation/juel3786.html
