Subject: Re: Way around zeroing of structures on creation?
Posted by David Fanning on Thu, 28 Aug 2008 20:20:45 GMT
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Christopher Thom writes:

> I have a simple routine that defines a structure I use a lot, so that the
> definition is automatic when I call it. e.g.
>
> pro mystrct__define
> tmp = {mystrct, $
> foo:0.0d, $
> bar:2.365434d
> }
> end
>
> The help pages about automatic structure definition are very explicit that
> all fields of a structure that is created by copying in this way will be
> zeroed (or strings converted to null strings).
>
> So...my question is, does anyone know a neat way around this? I want to
> fill my structure with useful constants that will not change, but i'd like
> to avoid having to do it by hand every time I create an instance of the
> structure.

Well, I guess you have thought of the obvious:

```
function mystrct
tmp = {mystrct, $
      foo:0.0d, $
      bar:2.365434d
      }
return, tmp
end

IDL> thisStruct = Mystruct()
```

If you want it to be created the way YOU want it created,
why let IDL fool around with it?

Cheers,

David
--
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Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")