
Subject: Re: Structure of Structure

Posted by [alpha](#) on Wed, 25 Mar 1998 08:00:00 GMT

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"Thomas A. McGlynn" <am@sil.k.gsfc.nasa.gov> writes:

> Stephan Oerder wrote:
> with additional optional arguments to create an array of
> structures or to define the structure type. If you request a
> structure of more than 128 elements, then the routine automatically
> creates substructures, putting the first 64 elements in the
> top level structure, the next 64 in a structure as the 65th element
> and so forth. I believe this has run successfully on VAXes
> for versions of IDL > 3.6.

this is similar to my IDL 5.0 bug i found in idl 4.01 at 23.Dec. 96
which is known to RSI as an internal kernel-Bug of IDL!

i wrote a programm that hung the maschine:

pro fail

```
for te=1,105 do begin
  anzahl=te
  tname=strarr(anzahl)
  for i=0,anzahl-1 do tname(i)='TN_'+strcompress(string(i),/remove_all)

  ttyp=strarr(anzahl)
  ; zum ausuchen / try one of it
  ttyp(*)=""String-test""
  ttyp(*)="fltarr(10)"
  ttyp(*)="dcomplexarr(102)"

  ziel=byte(0)
  estring='ziel={'
  for i=0,anzahl-1 do begin
    if i gt 0 then estring=estring+', '
    estring=estring+tname(i)+':'+ttyp(i)
  endfor
  estring=estring+'}'

  if execute(estring) then begin
    print,' Execute OK: ',te
  endif else begin
    goto,abbruch
  endelse
endfor
```

```
abbruch:
print, ' Execute failed at ',te
end
```

Even worse is the switchng of the data-type every time!

Panther

```
> It's available in the IDL Astronomy library at:
> http://idlastro.gsfc.nasa.gov/ftp/pro/structure/mrd_struct.p ro
> Good luck,
> Tom McGlynn
> tam@silv.gsfc.nasa.gov
--
```

Panther in the Jungle
-BELIEVE AND DECEIVE-
http://www.ang-physik
.uni-kiel.de/~hendrik