Subject: Re: BUG: How to crash IDL using !null
Posted by R.Bauer on Mon, 21 Feb 2011 10:45:01 GMT

Am 20.02.2011 06:48, schrieb M. Katz:
> Here's a serious crash I found in IDL 8.0.1 (Mac) {not tested on other
> platforms yet} having to do with !null as an array index in a
> structure field that happens to be an array.
>
> THIS WORKS NORMALLY:
>
> a = fltarr(10)
> w = where(a EQ 99, /null) ;--- here w will be !null
> a[w] = 1.   ;--- these two are interchangeable since w is !null
> a[!null] = 1.
>
> THIS CRASHES IDL:
>
> a = {b:fltarr(10)}   ;--- create a structure with an array
> w = where(a.b EQ 99, /null) ;--- here w will be !null
> print, w   ;--- show us that w is !null

IDL> f = {test:[1,2]}
IDL> print, f.test[!null]

crashes it too, looks like it is not consitantly for all types implementd

Reimar

> a.b[w] = 1 ;--- here it crashes for me.
> a.b[!null] = 1 ;--- this equivalent statement also crashes.
>
> I haven't yet tried this with all forms of lists and hashes, pointers
> etc.
> Anyone have any ideas besides, "Don't do that."
>
> M.