
Subject: Re: IDL5 and large structures: Program code area full
Posted by [Theo Brauers](#) on Tue, 09 Dec 1997 08:00:00 GMT
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Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi

no problem with my IDL:

IDL> help, !version, /structure

** Structure !VERSION, 5 tags, length=40:

```
ARCH      STRING  'x86'
OS        STRING  'Win32'
OS_FAMILY STRING  'Windows'
RELEASE   STRING  '5.0.2'
BUILD_DATE STRING  'Jul 23 1997'
```

IDL> help, some_variable, /str

** Structure _REFIMA, 51 tags, length=786696:

```
DISP      INT      Array[256, 256, 3]
DISP_3D    INT      Array[256, 256, 3]
IDENT      INT       0
IMAGE_TYPE INT       0
FILENAME   STRING    ""
PIX        FLOAT     Array[3]
DIM        INT      Array[3]
DIM_OLD    INT      Array[3]
NUM_PLANES INT       0
START_PLANE INT      0
FRAME      INT       0
FRAME_OLD  INT       0
NUM_FRAMES INT      0
GATE       INT       0
GATE_OLD   INT       0
NUM_GATES  INT       0
BED_POS    INT       0
BED_POS_OLD INT     0
NUM_BED_POS INT     0
HEADER_SIZE LONG      0
OFFSET     FLOAT     Array[3]
ANGLES     FLOAT     Array[3]
CENTER     FLOAT     Array[3]
INTERPOLATION INT     0
INV_FLAG   INT       0
```

```

SCALE_FACTOR  FLOAT      0.000000
MIN           INT         0
MAX           INT         0
SCAL          INT      Array[2]
DIFF          INT      Array[2]
SURF          INT      Array[2]
GRAD          INT      Array[2]
CONT          INT      Array[2]
QUANT         FLOAT  Array[10]
NUM_CONTOURS  INT         0
CONTOUR_MODE  INT         0
SIGMA         FLOAT      0.000000
AVERAGE      INT      Array[3]
FILTER_TYPE   INT         0
KERNEL_SIZE   INT         0
COLOR_TABLE   INT         0
GAMMA         FLOAT      0.000000
VOX_FLAG      INT         0
RENDER_CONTROL INT         0
VIEWPORT      INT      Array[3]
ROTATION       FLOAT  Array[3, 3]
SURF_LEVELS   INT      Array[2]
MASK          INT      Array[2]
INT_OFF        INT         0
INT_LEN        INT         0
ANNOTATION     STRING  "

```

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** Structure !VERSION, 5 tags, length=40:

```

ARCH          STRING  'x86'
OS            STRING  'Win32'
OS_FAMILY     STRING  'Windows'
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```

IDL> help, some_variable, /str

** Structure _REFIMA, 51 tags, length=786696:

```

DISP          INT      Array[256, 256, 3]
DISP_3D        INT      Array[256, 256, 3]
IDENT          INT         0
IMAGE_TYPE     INT         0
FILENAME       STRING  "
PIX           FLOAT  Array[3]
DIM           INT      Array[3]
DIM_OLD        INT      Array[3]
NUM_PLANES     INT         0
START_PLANE    INT         0
FRAME          INT         0
FRAME_OLD      INT         0

```

```

NUM_FRAMES    INT      0
GATE          INT      0
GATE_OLD      INT      0
NUM_GATES     INT      0
BED_POS       INT      0
BED_POS_OLD   INT      0
NUM_BED_POS   INT      0
HEADER_SIZE   LONG     0
OFFSET        FLOAT    Array[3]
ANGLES        FLOAT    Array[3]
CENTER        FLOAT    Array[3]
INTERPOLATION INT      0
INV_FLAG      INT      0
SCALE_FACTOR  FLOAT    0.000000
MIN           INT      0
MAX           INT      0
SCAL          INT      Array[2]
DIFF          INT      Array[2]
SURF          INT      Array[2]
GRAD          INT      Array[2]
CONT          INT      Array[2]
QUANT         FLOAT    Array[10]
NUM_CONTOURS  INT      0
CONTOUR_MODE  INT      0
SIGMA         FLOAT    0.000000
AVERAGE      INT      Array[3]
FILTER_TYPE   INT      0
KERNEL_SIZE   INT      0
COLOR_TABLE   INT      0
GAMMA         FLOAT    0.000000
VOX_FLAG      INT      0
RENDER_CONTROL INT     0
VIEWPORT      INT      Array[3]
ROTATION      FLOAT    Array[3, 3]
SURF_LEVELS   INT      Array[2]
MASK          INT      Array[2]
INT_OFF       INT      0
INT_LEN       INT      0
ANNOTATION     STRING   ""

```

Best Theo

Alex Schuster wrote:

```

>
> Hi there!
>
> There is this program, I didn't use it for a long time, and today I
> started it for the first time under IDL 5.02. I have heard about some

```

> strange bugs with structures containing many tags, but as I didn't have
> problems with IDL 4, I am surprised I got a 'Program code full error'.
>
> Any ideas? Hey, didn't RSI tell us all limitations are gone now? And why
> do I have more limitations than before?
>
> This is the code:
>
> ...

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Content-Type: text/x-vcard; charset=us-ascii; name="vcard.vcf"

Content-Transfer-Encoding: 7bit

Content-Description: Card for Theo Brauers

Content-Disposition: attachment; filename="vcard.vcf"

begin: vcard
fn: Theo Brauers
n: Brauers;Theo
org: Forschungszentrum Juelich

email;internet: Th.Brauers@fz-juelich.de
tel;work: +49-2461-61-6646
tel;fax: +49-2461-61-5346
x-mozilla-cpt: ich355.ich.kfa-juelich.de;2
x-mozilla-html: FALSE
version: 2.1
end: vcard

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