
Subject: Releasing memory in IDL
Posted by [Jaime](#) on Wed, 23 Jan 2008 14:44:11 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi,

I am trying to run a function (clumpfind) several times with different parameters, however, after I call it once not enough memory is available. I checked with 'help, /memory' to find variables that I could destroy to release memory, without luck (see below).

Is this the expected behavior of IDL? how can I release memory from the main function?

Best,
Jaime

```
IDL> help, /memory
heap memory used: 1726888467, max: 1726888502, gets: 3486942, frees:
3486559
IDL> help
% At RUN2           15 /Volumes/negra/clfind-oph/run2/run2.pro
% $MAIN$
DIR      STRING  = '../filt-0.77-1.100'
I        INT     =    9
RMS      FLOAT   =   0.110000
STEP     FLOAT   =   1.10000
THRE     FLOAT   =   0.770000
Compiled Procedures:
$MAIN$ CHECK_FITS CLFIND CLPROPS CLSTATS
DEFCLUMP DEFREG DOSTATS EXTAST
FITSAXES FXADDPAR FXADDPAR_CONTPAR
FXADDPAR_CONTWARN MK_HDR
MRD_HREAD READHD REMCHAR RUN2
SXDELPAR TESTBAD WCSXY2SPH
WCS_ROTATE WRITEFITS XY2AD XYAD ZPARCHCHECK
```

Compiled Functions:

```
FXPAR FXPOSIT GETTOK
HEADFITS READFITS READ_ASCII REVERSE
SEARCH3D SXPAR TAG_EXIST UNIQ
VALID_NUM
```
