
Subject: Releasing memory in IDL

Posted by [Jaime](#) on Wed, 23 Jan 2008 14:44:11 GMT

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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 ZPARCHECK

Compiled Functions:

FXPAR FXPOSIT GETTOK

HEADFITS READFITS READ_ASCII REVERSE

SEARCH3D SXPAR TAG_EXIST UNIQ

VALID_NUM
