Hi all,

I thought I read somewhere that IDL 5 removed all
parameter limits, but I can't find it anywhere in
the docs. I see that there are still some limits
imposed:

  PROCEDURE DEFINITION : 63 parameters maximum.
  FUNCTION DEFINITION : 63 parameters maximum.

These two limits also seem to be imposed on IDL kernel functions
and procedures. For example, CALL_EXTERNAL() is limited to 63
parameters, including the shared image name and entry point name.

  COMMON BLOCKS   : 64 parameters maximum.

  LOCAL VARIABLES : Unlimited ? Compiles with 10,000.
  STRUCTURE TAGS : Unlimited ? Compiles with 10,000.
  VARIABLE NAMES : Unlimited ? I checked 257 characters, that's plenty :-)

  PROCEDURE NAMES : 128 characters, then truncated
  FUNCTION NAMES : 128 characters, then truncated

I would say that most of these limits are reasonable,
but I ran across the PRO parameter limit when I was converting
some legacy fortran code over to IDL...

{ x86 linux unix 5.1 Apr 13 1998}

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