Hello,

   I am brand new to IDL programming. I am using version 5.3.1 on a PC and started going through some examples from my Digital Image Processing (DIP) class as well as some from the online manuals and Dave Fanning's book. I got to wondering if there exists (either built-in or developed by someone else) a list of named indices. Such a beast would be useful for specifying things line styles using names instead of numbers.

For example,

   PLOT, time, curve, LineStyle=LongDash

makes more sense to me than

   PLOT, time, curve, LineStyle=5

One idea I had was to create a structured system variable named !I (for indices) which then has the various indices as fields. For example:

  !I.Solid = 0
  !I.Dot = 1
  !I.Dash = 2
  !I.DashDot = 3
  !I.Dash3Dot = 4
  !I.LongDash = 5

I couldn't find a reference to such a system variable. Furthermore, I don't even know if it is possible to create new system variables like this. Finally, if something like this can be created, I don't want to reinvent the wheel if it already exists.

Any and all advice is greatly welcomed.

Thanks,
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