
Subject: self programming IDL needed?

Posted by [alpha](#) on Mon, 11 Nov 1996 08:00:00 GMT

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Hello,

on my adventures with execute I discovered:

it only accepts 65 commas (ie parameters) in its string

i tried execute("print,a,a,a,a,a,a,.....") for this.

if you use a variable for the content it may be different,
i will have to research...

the limit 131 chars is not found on IDL 4.0.1. I successfully
processed strings of the length 1738 chars.

to my questions

i want to define a REALLY NEW variable (names depends on other
variables!

Imagine:

```
i=0L
for i=1,20 do begin
  a="testname_"+string(i)
  b=a+'=findgen(i)'
  out=execute{b}
endfor
help
print,"well? all vars defined?"
```

It is obvious that i CANNOT declare the variable names eg with another
execute... (watch out for the warning in execute-manpage)

My idea in this was to programm a new file with idl in front...:

```
openw,lun,"dyndef.pro"
printf,lun,"pro dyndef"
for i=1,20 do begin
  printf,lun,"testname_"+string(i)+"=BYTE(0)"
endfor
printf,lun,"exit"
```

; now call my dynamic definitions procedure...

dyndef

will this work our is there a more elegant way to declare the vars?

any hint wanted...

Panther/Hendrik

```
--
Panther in the Jungle
-BELIEVE AND DECEIVE-
http://www.ang-physik
.uni-kiel.de/~hendrik
```