Subject: Re: benchmarking IDL code.
Posted by Alex Schuster on Tue, 04 Sep 2001 11:57:27 GMT

Randall Skelton wrote:

> I am trying to determine how much time, memory, cpu, diskio is being spent
> in each IDL function/procedure I call to determine where I should be
> looking to optimize a few algorithms. It would also be nice to get a
> breakdown of which internal IDL routines are taking the most time but I
> suspect this isn't possible...

The PROFILER at least gives information about the time spent in
routines:

```
IDL> profiler, /system
IDL> for i = 0, 9 do $
IDL>    foo = smooth( rebin( randomu( seed, 100, 100 ), 200, 200 ), 5 )
IDL> profiler, /report
```

Module	Type	Count	Only(s)	Avg.(s)	Time(s)	Avg.(s)
RANDOMU	(S)	10	0.055057	0.005506	0.055057	0.005506
REBIN	(S)	10	0.032079	0.003208	0.032079	0.003208
SMOOTH	(S)	10	0.036360	0.003636	0.036360	0.003636

	Alex
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