
Subject: Threads in IDL 7.0

Posted by [Bernhard Reinhardt](#) on Mon, 27 Oct 2008 12:55:19 GMT

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Hi,

I have have read the Chapter "Multithreading in IDL" in the IDL-Help. As far as I can see some IDL functions use threads.

Basically I want to count elements of a big array that exceed a given number.

```
count=0
for i = 0, 200000 do begin
  if array[i] ge 10. then count++
endfor
```

On my dual-core computer top shows a CPU-load of about 50%. So I guess IDL handles this problem single-threaded.

Is there a simple way to split the task. Something like

```
;Thread 1
count1=0
for i = 0, 100000 do begin
  if array[i] ge 10. then count1++
endfor
```

```
;Thread 2
count2=0
for i = 100001, 200000 do begin
  if array[i] ge 10. then count2++
endfor
```

```
count = count1 + count2
```

Regards

Bernhard

Subject: Re: Threads in IDL 7.0

Posted by [Jean H.](#) on Mon, 03 Nov 2008 23:12:41 GMT

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Hi,

nobody mentioned the IDL to IDL bridge... have one session to work on

data 0 to i, and the main session works on data i+1 to n....

it's relatively simple, though I have experienced very unpleasant results when stopping the program by control+C...

Jean
