
Subject: Re: Vectorization question

Posted by [promashkin](#) on Mon, 18 Sep 2000 07:00:00 GMT

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In fact, my first idea was to try Histogram to do this. But I could never claim I reached perfection with it, as Craig did. I tested the code, and here are the results (once I converted A and B to FLOAT to clear the embarrassing "floating illegal operand" that was produced by my code when operating on LONG type arrays):

```
IDL> liam, a, b, x
% Array requires more memory than IDL can address.
% Execution halted at:  LIAM          40 untitled_1.pro
%                      $MAIN$
IDL> pavel, a, b, x, iter=10
      5.6166667
IDL> craig, a, b, x, iter=10
      4.7333333
```

Just as I expected, Craig's code is more efficient than mine (the magic of Histogram!). Good answer to those "when to use a loop" questions.

IDL 5.3, PowerMac G4-400.

Cheers,

Pavel
