Subject: Re: Cumulative max() in *arbitrary* dimension?
Posted by Heinz Stege on Fri, 09 Mar 2012 17:58:13 GMT
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Hi JD.

On Fri, 9 Mar 2012 08:58:44 -0800 (PST), JDS wrote:

> I replaced yours instead with the rather similar:
>
> for i=1,s[d]-1 do a[i*off]=a[(i-1)*off:i*off-1]>a[i*off:(i+1)*off-1]
>
Good point. I didn't take into account to use the loop variable within
the loop. This gives me a new idea:

```
  for i=off,ns-off,off do a[i]=a[i-off:i-1]>a[i:i+off-1]
```

I didn't test it. However it is shorter and may be easier to read. I
don't really think, that it is faster, but it may be. (5 instead of 9
scalar operations within the array subscripts is not the world.) :-)

Heinz