Subject: Re: Random Number Replication
Posted by korpela on Fri, 06 Aug 1999 07:00:00 GMT
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In article <37aaad97.5297206@trog.dera.gov.uk>,
David Sheerin <dsheerin@dera.gov.uk> wrote:
> FOR k = 1, 4 DO BEGIN
> p = RANDOMU (S)
> PRINT, p
> ENDFOR

You do know that a better way to do this would be....

p=randomu(s,4)
print,p

Eric
--
Eric Korpela | An object at rest can never be
korpela@ssl.berkeley.edu | stopped.
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Subject: Re: Random Number Replication
Posted by Andy Loughe on Fri, 06 Aug 1999 07:00:00 GMT
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David Sheerin wrote:
>
> Hi
> I have tried to use the following code to generate a sequence of
> random numbers:
>
> FOR k = 1, 4 DO BEGIN
>   p = RANDOMU (S)
>   PRINT, p
> ENDFOR
>
> Why, when I repeat the operation, does the code (nearly) give me the
> same list of random numbers shifted by 1? I thought that each time
> RANDOMU was called it took a new value for the SEED due to S being
> undefined. How do I 'undefine' S after it has been called?
>
> Cheers
>
> David Sheerin

I am unable to replicate your results.

I always set the intial seed in this manner...

```
S = long( ( systime(1) - long(systime(1)) ) * 1.e8 )

p = randomu(S)
```

--
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"I do not feel obliged to believe that the same God who has endowed us
with
sense, reason, and intellect has intended us to forego their use."
-Galileo