

# Re: How to develop a random number generation device

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*Source:* <http://sci.tech-archive.net/Archive/sci.electronics.design/2007-09/msg03345.html>

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- *From:* John Larkin <jjlarkin@xx>
  - *Date:* Mon, 17 Sep 2007 19:24:48 -0700
- 

On Mon, 17 Sep 2007 20:43:03 -0400, krw <krw@xxxxxxxx> wrote:

In article <2thte3hom8nmbma5udd2spqliinpbdlubl@xxxxxxx>, jjlarkin@xx says...

On Sun, 16 Sep 2007 18:53:09 -0700, ChairmanOfTheBored <RUBored@xxxxxxxx> wrote:

On Sun, 16 Sep 2007 18:45:45 -0700, John Larkin <jjlarkin@xx> wrote:

On Sun, 16 Sep 2007 18:31:16 -0700, ChairmanOfTheBored <RUBored@xxxxxxxx> wrote:

On Sun, 16 Sep 2007 14:37:02 -0700, John Larkin <jjlarkin@xx> wrote:

On Sat, 15 Sep 2007 09:59:35 -0700, ChairmanOfTheBored <RUBored@xxxxxxxx> wrote:

On Sat, 15

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Sep  
2007  
07:30:27  
-0700,  
MooseFET  
<kensmith@xxxxxxxxxx>  
wrote:

And  
XP  
occasionally  
crashes  
when  
a  
user-level  
process  
screws  
up.  
Not  
as  
often  
as  
'98  
type  
systems,  
but  
it  
still  
happens.  
And  
Patch  
Tuesday  
has  
become  
a  
ritual.

You're  
an  
idiot.

So  
you  
didn't  
put  
in

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the  
patches  
LOL!

An  
idiot  
that  
applies  
patch  
"every  
Tuesday"  
is  
just  
as  
retarded  
as  
one  
that  
runs  
"defrag"  
more  
than  
once  
or  
twice  
a  
year  
when  
they  
have  
no  
apps  
that  
cause  
severe  
fragmentation,  
like  
a  
database  
app  
or  
such.

Patch  
Tuesday is  
Microsoft's  
practice of

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accumulating  
a bunch of  
patches and  
releasing  
them on the  
2nd  
Tuesday of  
each month.

[http://en.wikipedia.org/wiki/Patch\\_Tuesday](http://en.wikipedia.org/wiki/Patch_Tuesday)

I certainly  
don't update  
that often. I  
like to let  
the patches  
mellow  
for a month  
or so,  
because  
Microsoft's  
patches are  
so stupid  
they  
often break  
more than  
they fix.

"The second  
problem  
affected  
large  
deployments  
of  
Windows,  
such as can  
be found at  
large  
companies.  
Such large  
deployments  
found it  
increasingly  
difficult to  
make sure  
all systems  
across the  
company  
were all up  
to date. The

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problem  
was made  
worse by  
the fact that,  
occasionally,  
a patch  
issued by  
Microsoft  
would break  
existing  
functionality,  
and would  
have to be  
uninstalled."

Damn, you  
actually  
\*don't\*  
know much  
about this  
stuff.

Fuck you. I have  
administered networks  
before.

The company I currently  
work for has several  
thousand computers and  
several hundred laptops, and  
that doesn't even count the  
lab use  
machines.

We do not experience the  
horseshit you allow yourself  
to succumb to.

You don't install OS patches? How do you  
manage that?

It's interesting that you didn't know about  
Patch Tuesday.

What is interesting is that you actually think that is how it is  
done.

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Perhaps the hardware you choose is shit, therefore the results you get are shit, shithead.

I just bought a dozen HP ML350 "server" boxes; ECC memory, redundant power supplies, redundant BIOS, redundant fans, hot-plug RAID drives. The layout, packaging, and cabling are superb. How's that?

Overkill. You likely won't manage those worth a shit... either.

There's not a lot I can do about Windows (I have to run it for some of the apps I use) but it's certainly worth \$3K to have reliable hardware and drives. Every time a Dell dies, it costs me or one of my people a week or two to get everything back to where it was, and we're surely worth more than \$3K a week.

The cool thing about raid hot-plug is that I can occasionally plug in a blank drive, and my C: drive gets cloned, OS and all. I stash the clone in a baggie. If my machine dies for any reason, I grab a spare box from down the hall, plug in the copy of C:, and I'm back online in 5 minutes.

And, once a year maybe, I plug a brand-new drive in one of the raid lots, so my drives never die from shear wear-out.

You're probably better off going quite a bit longer than that between replacements. Believe me, there are two ends of a bath tub. They gave me a new Dell (hmm, maybe there is a common thread here) on my first day. The disk drive died that afternoon and I lost a couple of days work (couldn't get it replaced right away). It could have been far worse though.

Actually, with RAID, I can just let one of the drives fail, and pop in a new one when it does. No panic.

John

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