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Quicky Firefox DoS

Well, it turns out I am speaking at Blackhat after all - plus I have an OWASP preso to do tomorrow. That makes five presos in 6 days. Shoot me now. Anyway, I was playing around with Firefox today and accidentally found a super tiny DoS for Firefox that reminded me of my childhood. Remember that math puzzle where you put one penny on one square and then two on the next and four on the next and so on? Clearly that would amount to more money than you could realistically have when you really think through it, but kids have a hard time wrapping their heads around it. This is sort of similar, except it's not geometric, it's linear, which was surprising that it caused Firefox so much pain. I had just assumed the JS engine in Firefox would have said that it's running too tight of a loop and throw the "running too slow" prompt at worst - or just finish at best since it doesn't look all that complicated:

```
var a; for(i=0;i<65536;i++){ document.write(a+=String.fromCharCode(i)); }
```

I let this run for 10 minutes on a decent sized test machine and it never finished - I had to kill the process. Yeah, I know there are a million ways to DoS browsers, this one was just surprising because I honestly didn't think it could. Anyway, if I don't post before then, see you in Vegas!

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