
Subject: Re: [PATCH] fdset's leakage

Posted by [Rene Scharfe](#) on Tue, 11 Jul 2006 09:02:08 GMT

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[strange loop snipped]

> That's going to take a long time to compute if `nr > NR_OPEN`. I just fixed
> a similar infinite loop in this function.

That other fix looks buggy btw. Here it is:

```
- nfds = 8 * L1_CACHE_BYTES;
- /* Expand to the max in easy steps */
- while (nfds <= nr) {
-   nfds = nfds * 2;
-   if (nfds > NR_OPEN)
-     nfds = NR_OPEN;
- }
+ nfds = max_t(int, 8 * L1_CACHE_BYTES, roundup_pow_of_two(nfds));
+ if (nfds > NR_OPEN)
+   nfds = NR_OPEN;
```

Surely you meant to say "`roundup_pow_of_two(nr + 1)`"?