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prithvikannan fixed bug with make and created submission tarball

f2881d5 on Nov 7

[1 contributor](#)

Raw Blame History



39 lines (33 sloc) 820 Bytes

```
1  #include "randlib.h"
2  #include <stdio.h>
3  #include <stdlib.h>
4
5  /* Software implementation. */
6
7  /* Input stream containing random bytes. */
8  static FILE *urandstream;
9
10 /* Initialize the software rand64 implementation. */
11 __attribute__((constructor)) static void
12 software_rand64_init(void)
13 {
14     urandstream = fopen("/dev/urandom", "r");
15     if (!urandstream)
16         abort();
17 }
18
19 /* Return a random value, using software operations. */
20 static unsigned long long
21 software_rand64(void)
22 {
23     unsigned long long int x;
24     if (fread(&x, sizeof x, 1, urandstream) != 1)
25         abort();
26     return x;
27 }
28
29 /* Finalize the software rand64 implementation. */
30 __attribute__((destructor)) static void
31 software_rand64_fini(void)
32 {
33     fclose(urandstream);
34 }
35
36 extern unsigned long long rand64(void)
37 {
38     return software_rand64();
39 }
```