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prithvikannan fixed bug with make and created submission tarball

f2881d5 on Nov 7

[1 contributor](#)

Raw

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History



28 lines (25 sloc) 657 Bytes

```
1  #include "randcpuid.h"
2  #include <cpuid.h>
3
4  /* Description of the current CPU. */
5  struct cpuid
6  {
7      unsigned eax, ebx, ecx, edx;
8  };
9
10 /* Return information about the CPU. See <http://wiki.osdev.org/CPUID>. */
11 static struct cpuid
12 cpuid(unsigned int leaf, unsigned int subleaf)
13 {
14     struct cpuid result;
15     asm("cpuid"
16         : "=a"(result.eax), "=b"(result.ebx),
17           "=c"(result.ecx), "=d"(result.edx)
18         : "a"(leaf), "c"(subleaf));
19     return result;
20 }
21
22 /* Return true if the CPU supports the RDRAND instruction. */
23 extern _Bool
24 rdrand_supported(void)
25 {
26     struct cpuid extended = cpuid(1, 0);
27     return (extended.ecx & bit_RDRND) != 0;
28 }
```