DragonFlyBSD - Bug #3222

gcc - undefined reference to '__atomic_load' (missing libatomic?)

02/08/2020 02:45 AM - mneumann

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Description
I can't compile the following C11 program:

```c
#include <stdio.h>
#include <complex.h>
#include <stdatomic.h>

int main(void)
{
    _Atomic long double _Complex x;
    printf("(%Lf,%Lf)n",creall(x), cimagl(x));
    return 0;
}
```

```
> cc -std=c11 atomic_test.c
/tmp/ccTm73vw.o:atomic_test.c:function main: error: undefined reference to '__atomic_load'
/tmp/ccTm73vw.o:atomic_test.c:function main: error: undefined reference to '__atomic_load'
collect2: error: ld returned 1 exit status
```

On my Linux system, I can link in -latomic:

```
> cc -std=c11 atomic_test.c -latomic
```

But it seems this got removed from DragonFly's gcc8. I try to compile the Pony compiler ponyc, which requires these atomic ops.