```
1: // $Id: linknode.cpp, v 1.5 2015-04-23 16:37:58-07 - - $
 3: #include <iostream>
 4: using namespace std;
 6: struct node;
 7: struct link {
 8:
       node* next {};
 9:
       node* prev {};
10: };
11: struct node: link {
       int value {};
13: };
14:
15: int main() {
16:
       node* nn = new node();
17:
       link* 11 = nn;
18:
       nn = static_cast<node*> (11);
       cout << "nn = " << nn << ", sizeof = " << sizeof (node) << endl;</pre>
19:
       cout << "ll = " << ll << ", sizeof = " << sizeof (link) << endl;</pre>
20:
21: }
22:
23: //TEST// linknode >linknode.out 2>&1
24: //TEST// mkpspdf linknode.ps linknode.cpp* linknode.out
25:
```

04/23/15 16:37:59

\$cmps109-wm/Assignments/asg3-listmap-templates/misc/linknode.cpp.log

1/1

- 1: @@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@ mkc: starting linknode.cpp
- 2: linknode.cpp:
- 3: \$Id: linknode.cpp, v 1.5 2015-04-23 16:37:58-07 - \$
- 4: g++ -g -00 -Wall -Wextra -rdynamic -std=gnu++11 linknode.cpp -o linknode -lglut -lGLU -lGL -lX11 -lrt -lm
 - 5: rm -f linknode.o
 - 6: @@@@@@@@@@@@@@@@@@@@@@@@@@@@@@ mkc: finished linknode.cpp

04/23/15 16:37:59

\$cmps109-wm/Assignments/asg3-listmap-templates/misc/linknode.out

1/1

1: nn = 0x129d030, sizeof = 24 2: 11 = 0x129d030, sizeof = 16