```
 1: :::::::::::::::
 2: new-step.cpp
 3: :::::::::::::::
 4: // $Id: new-step.cpp,v 1.4 2015-05-07 18:15:30-07 - - $
 5:
 6: #include <iostream>
 7: using namespace std;
 8:
 9: int main (void) {
10:    char* prev = 0;
11:    for (int i = 0; i < 16; ++i) {
12:       char* curr = new char;
13:       cout << (void*) curr << " " << (curr - prev) << endl;
14:       prev = curr;
15:    }
16:    return 0;
17: }
18:
19: //TEST// new-step >new-step.out 2>&1
20: //TEST// more new-step.cpp new-step.out >new-step.lis </dev/null
21: //TEST// mkpspdf new-step.ps new-step.lis
22:
23: :::::::::::::::
24: new-step.out
25: :::::::::::::::
26: 0x1ba1030 28971056
27: 0x1ba1050 32
28: 0x1ba1070 32
29: 0x1ba1090 32
30: 0x1ba10b0 32
31: 0x1ba10d0 32
32: 0x1ba10f0 32
33: 0x1ba1110 32
34: 0x1ba1130 32
35: 0x1ba1150 32
36: 0x1ba1170 32
37: 0x1ba1190 32
38: 0x1ba11b0 32
39: 0x1ba11d0 32
40: 0x1ba11f0 32
41: 0x1ba1210 32
```