

```
1: ::::::::::::::
2: stl-template-list.cpp
3: ::::::::::::::
4: // $Id: stl-template-list.cpp,v 1.7 2014-07-08 22:33:25-07 - - $
5:
6: #include <iostream>
7: #include <list>
8: using namespace std;
9:
10: int main() {
11:     list<int> li = {1, 2, 3, 4, 5};
12:     int maxcount = 20;
13:     cout << &li << "[" << sizeof li << "]" << endl;
14:     cout << "li.cbegin() = " << &li.cbegin() << endl;
15:     cout << "li.cend() = " << &li.cend() << endl;
16:     for (auto i = li.cbegin(); maxcount-- > 0; ++i) {
17:         cout << &i << " -> " << *i << endl;
18:     }
19: }
20:
21: //TEST// stl-template-list >stl-template-list.out 2>&1
22: //TEST// more stl-template-list.cpp stl-template-list.out \
23: //TEST// >stl-template-list.lis 2>&1 </dev/null
24: //TEST// mkpspdf stl-template-list.ps stl-template-list.lis
25:
26: ::::::::::::::
27: stl-template-list.out
28: ::::::::::::::
29: 0x7fffde2145d0[16]
30: li.cbegin() = 0x17aa040
31: li.cend() = 0x7fffde2145e0
32: 0x17aa040 -> 1
33: 0x17aa060 -> 2
34: 0x17aa080 -> 3
35: 0x17aa0a0 -> 4
36: 0x17aa0c0 -> 5
37: 0x7fffde2145e0 -> -568244752
38: 0x17aa040 -> 1
39: 0x17aa060 -> 2
40: 0x17aa080 -> 3
41: 0x17aa0a0 -> 4
42: 0x17aa0c0 -> 5
43: 0x7fffde2145e0 -> -568244752
44: 0x17aa040 -> 1
45: 0x17aa060 -> 2
46: 0x17aa080 -> 3
47: 0x17aa0a0 -> 4
48: 0x17aa0c0 -> 5
49: 0x7fffde2145e0 -> -568244752
50: 0x17aa040 -> 1
51: 0x17aa060 -> 2
```