☐ SABlythe / CSC24400-Spring2021 ☆ 2 stars **약 0** forks ☆ Star Notifications Projects <> Code 11 Pull requests Actions Security ✓ Insights (!) Issues ې main 🕶 CSC24400-Spring2021 / LinkedList\_Singly / StringList.cpp SABlythe Added append ( History A 1 contributor Raw Blame 60 lines (42 sloc) | 1017 Bytes #include "StringList.hpp" 1 3 using namespace std; 4 5 void StringList::insert(const string &someVal) 7 8 StringNode \*newNode = new StringNode(someVal); 9 newNode->next() = \_head; 10 11 12 head = newNode; 13 if (\_tail == NULL) // started with an empty list (aka this is the first item) 14 15 \_tail = newNode; } 16 17 18 19 StringList::append(const std::string &someVal) 20 if (\_tail==NULL) //nothing in list right now. (note: means head is null too) // inserting at front would get this done as well. 23

```
24
           insert(someVal);
25
            return;
26
         }
27
       // only way we can get here is if _tail was not null.
28
29
30
       StringNode *newNode = new StringNode(someVal);
31
32
       newNode->next() = NULL;
33
34
       _tail->next()=newNode;
35
       _tail=newNode;
37
38
     }
39
40
     ostream&
     StringList::print(ostream& os) const
41
42
43
       StringNode *currPtr;
44
45
       currPtr=_head;
46
       while(currPtr!=NULL)
47
48
49
           os << *currPtr << endl;
50
51
           currPtr = currPtr->next();
52
         }
53
54
       return os;
     }
55
56
57
     ostream& operator<<(ostream &os, const StringList &sl)</pre>
58
     {
       return sl.print(os);
59
60
     }
```