

```
1: #!/afs/cats.ucsc.edu/courses/cse112-wm/usr/smalltalk/bin/gst -f
2: "$Id: priority.st,v 1.2 2020-01-31 17:05:02-08 - - $"
3:
4: nl := Character nl.
5:
6: priority := SortedCollection new.
7: priority inspect.
8:
9: priority add: 3; inspect.
10: priority add: 1; inspect.
11: priority add: 4; inspect.
12: priority add: 14; inspect.
13: priority add: 22; inspect.
14: priority add: 6; inspect.
15: priority add: 7; inspect.
16: priority add: 9; inspect.
17: priority add: 29; inspect.
18: priority add: 4; inspect.
19:
20: "TEST: priority.st"
21:
```

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1: ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
2: mkst.perl: priority.st
3: ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
4: An instance of SortedCollection
5:   firstIndex: 1
6:   lastIndex: 0
7:   lastOrdered: 0
8:   sorted: true
9:   sortBlock: a BlockClosure
10:  contents: [
11:    ]
12: An instance of SortedCollection
13:   firstIndex: 1
14:   lastIndex: 1
15:   lastOrdered: 1
16:   sorted: true
17:   sortBlock: a BlockClosure
18:  contents: [
19:    [1]: 3
20:  ]
21: An instance of SortedCollection
22:   firstIndex: 1
23:   lastIndex: 2
24:   lastOrdered: 2
25:   sorted: true
26:   sortBlock: a BlockClosure
27:  contents: [
28:    [1]: 1
29:    [2]: 3
30:  ]
31: An instance of SortedCollection
32:   firstIndex: 1
33:   lastIndex: 3
34:   lastOrdered: 3
35:   sorted: true
36:   sortBlock: a BlockClosure
37:  contents: [
38:    [1]: 1
39:    [2]: 3
40:    [3]: 4
41:  ]
42: An instance of SortedCollection
43:   firstIndex: 1
44:   lastIndex: 4
45:   lastOrdered: 4
46:   sorted: true
47:   sortBlock: a BlockClosure
48:  contents: [
49:    [1]: 1
50:    [2]: 3
51:    [3]: 4
52:    [4]: 14
53:  ]
54: An instance of SortedCollection
55:   firstIndex: 1
56:   lastIndex: 5
57:   lastOrdered: 5
58:   sorted: true
```

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59:  sortBlock: a BlockClosure
60:  contents: [
61:    [1]: 1
62:    [2]: 3
63:    [3]: 4
64:    [4]: 14
65:    [5]: 22
66:  ]
67: An instance of SortedCollection
68:  firstIndex: 1
69:  lastIndex: 6
70:  lastOrdered: 6
71:  sorted: true
72:  sortBlock: a BlockClosure
73:  contents: [
74:    [1]: 1
75:    [2]: 3
76:    [3]: 4
77:    [4]: 6
78:    [5]: 14
79:    [6]: 22
80:  ]
81: An instance of SortedCollection
82:  firstIndex: 1
83:  lastIndex: 7
84:  lastOrdered: 7
85:  sorted: true
86:  sortBlock: a BlockClosure
87:  contents: [
88:    [1]: 1
89:    [2]: 3
90:    [3]: 4
91:    [4]: 6
92:    [5]: 7
93:    [6]: 14
94:    [7]: 22
95:  ]
96: An instance of SortedCollection
97:  firstIndex: 1
98:  lastIndex: 8
99:  lastOrdered: 8
100: sorted: true
101: sortBlock: a BlockClosure
102: contents: [
103:   [1]: 1
104:   [2]: 3
105:   [3]: 4
106:   [4]: 6
107:   [5]: 7
108:   [6]: 9
109:   [7]: 14
110:   [8]: 22
111: ]
112: An instance of SortedCollection
113:  firstIndex: 1
114:  lastIndex: 9
115:  lastOrdered: 9
116:  sorted: true
```

[illegible]