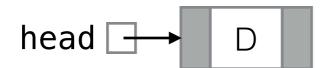
## Collection<E> Doubly-Linked Implementation

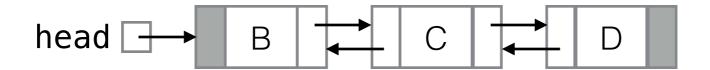
```
private class Node
 public E data;
 public Node next;
 public Node previous;
  public Node(E data, Node next, Node previous)
    this.data = data;
    this.next = next;
    this previous = previous;
```

previous data next

head 🔲



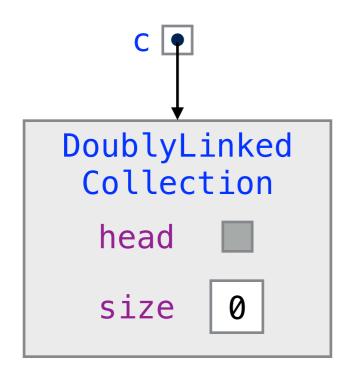




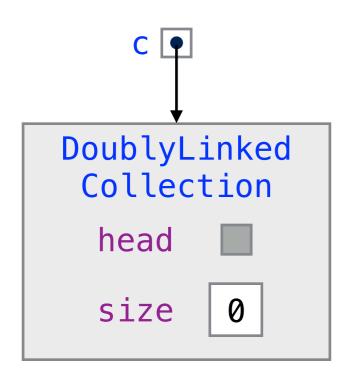


## DoublyLinkedCollection<E>

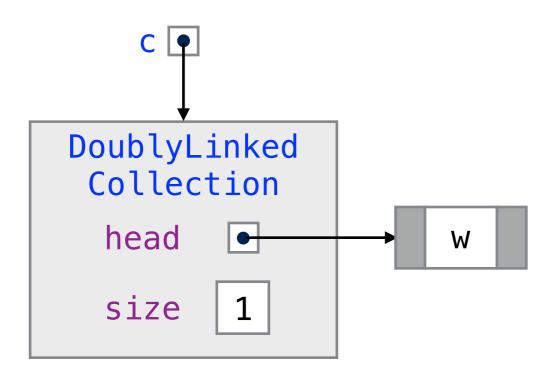
Collection<String> c =
 new DoublyLinkedCollection<String>

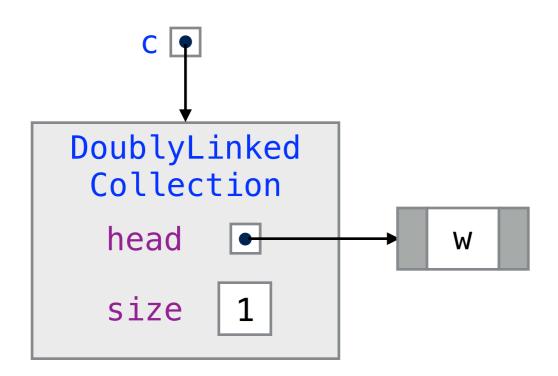


Collection<String> c =
 new DoublyLinkedCollection<String>

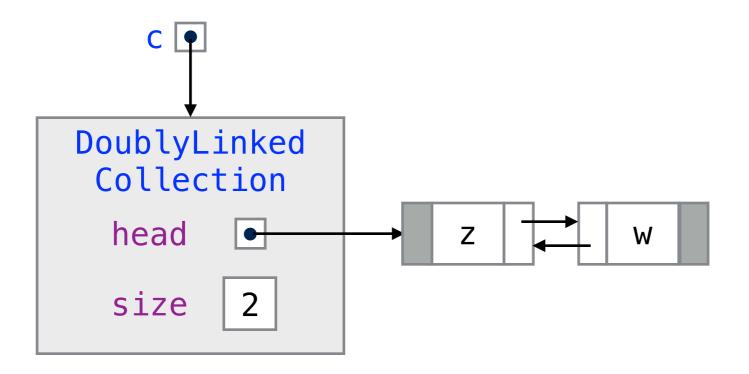


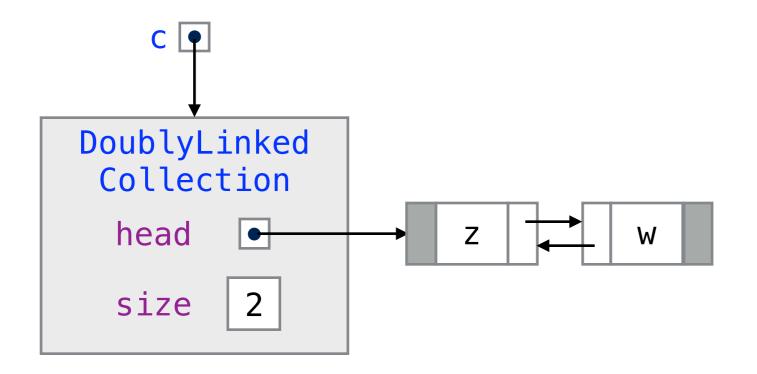
c.add("w")



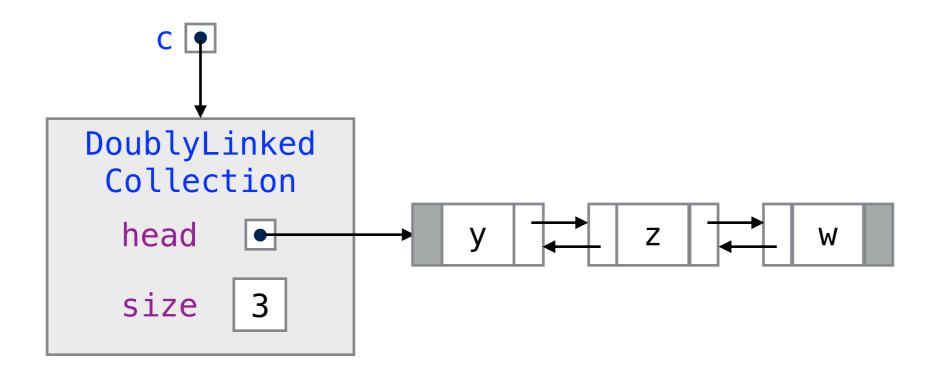


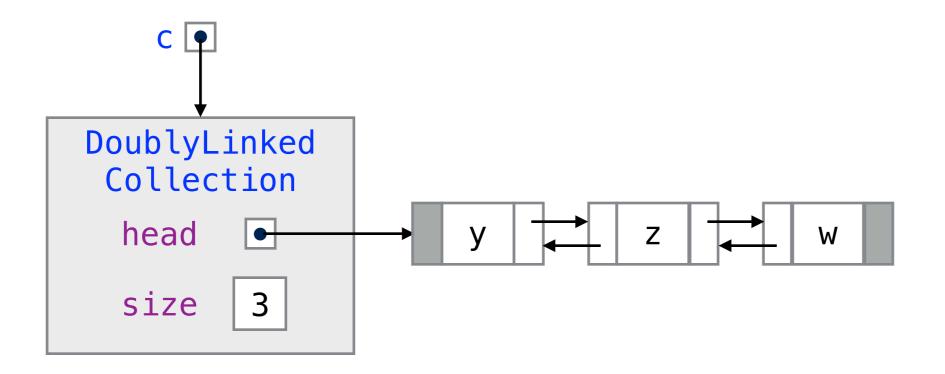
c.add("z")



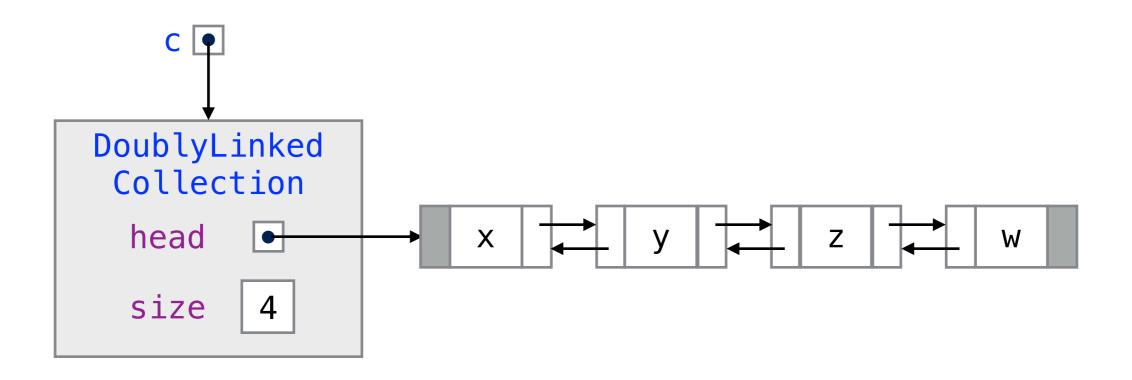


c.add("y")

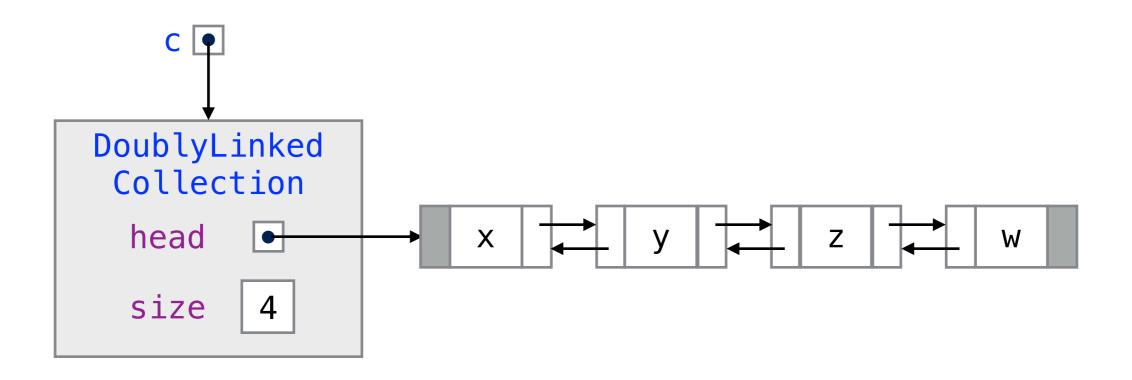


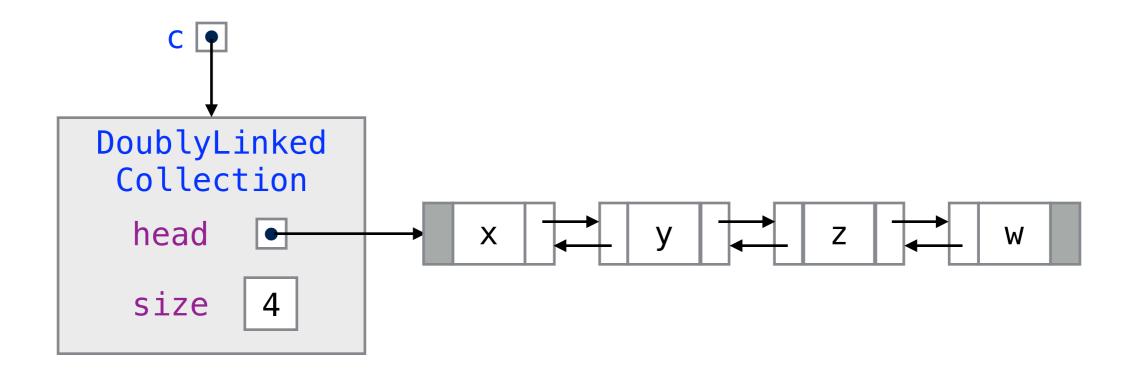


c.add("x")

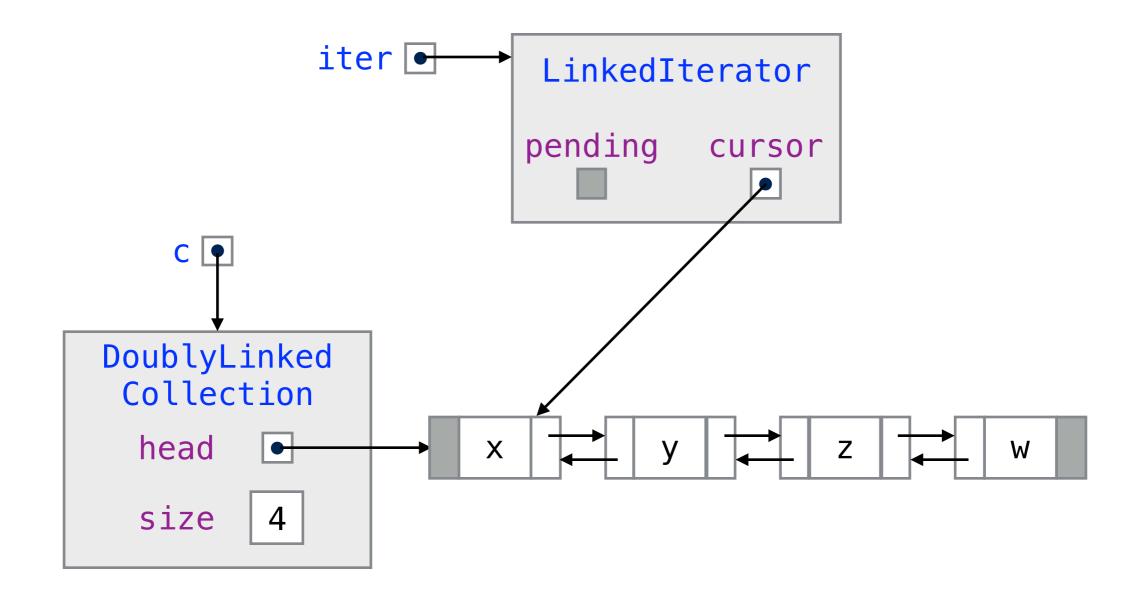


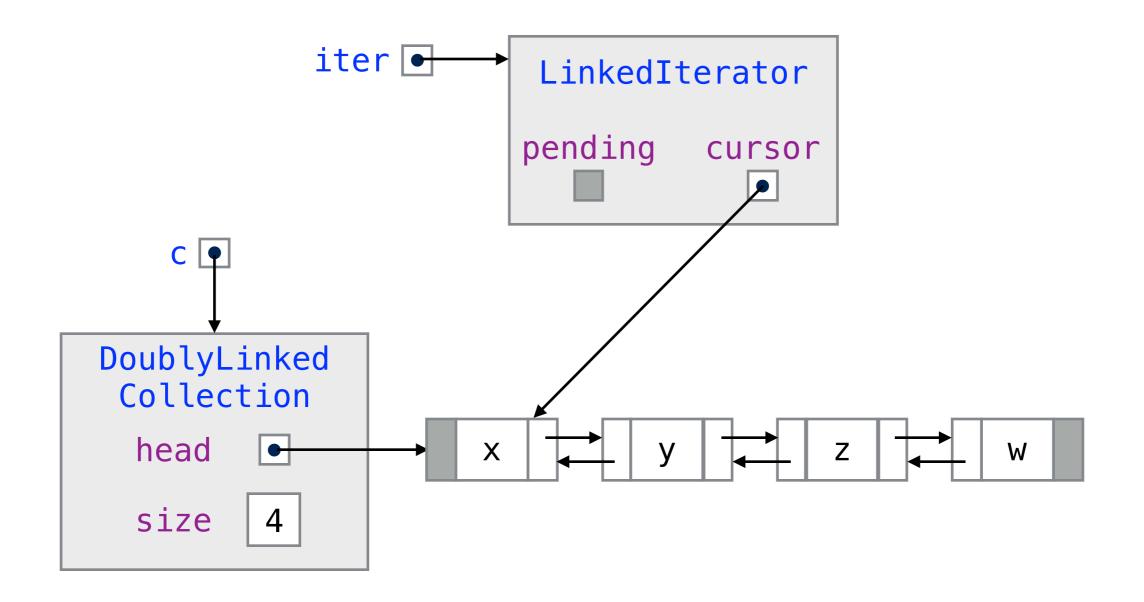
## Iterators

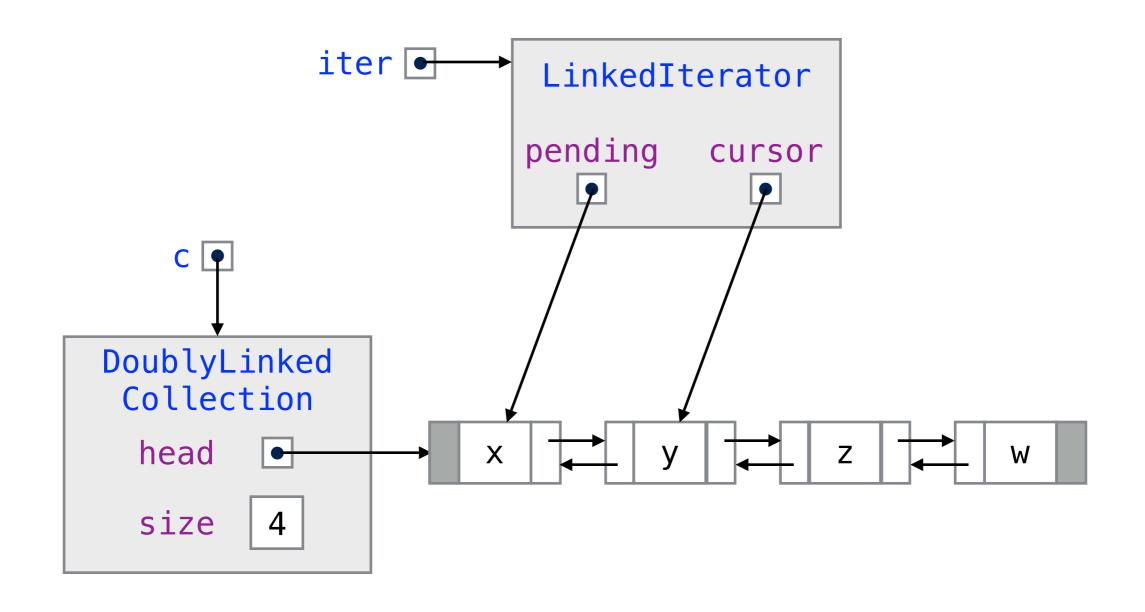




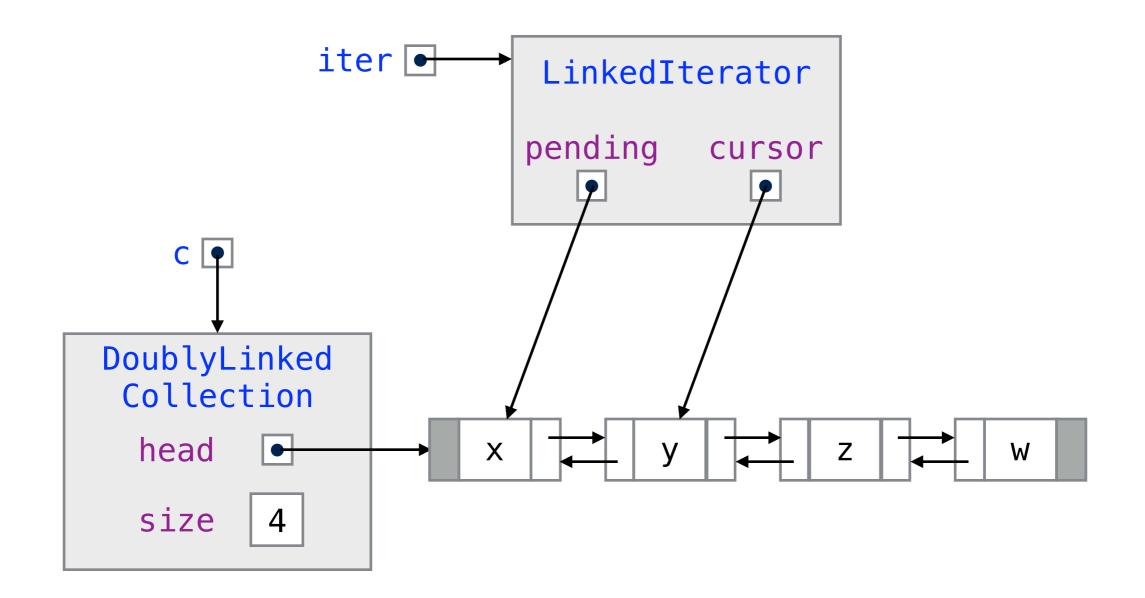
Iterator<String> iter = c.iterator()

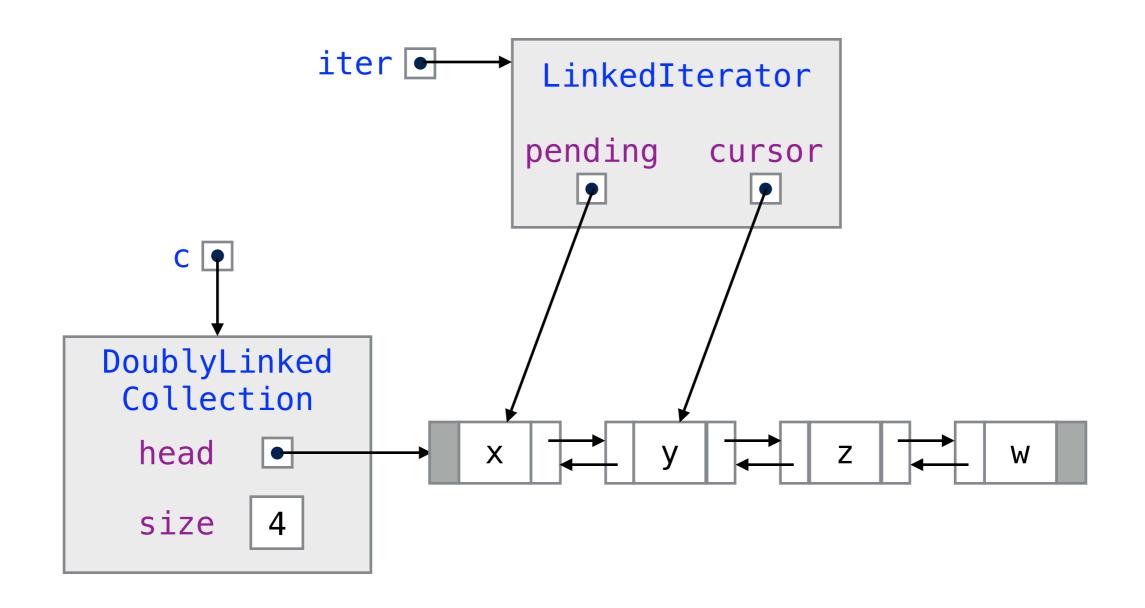


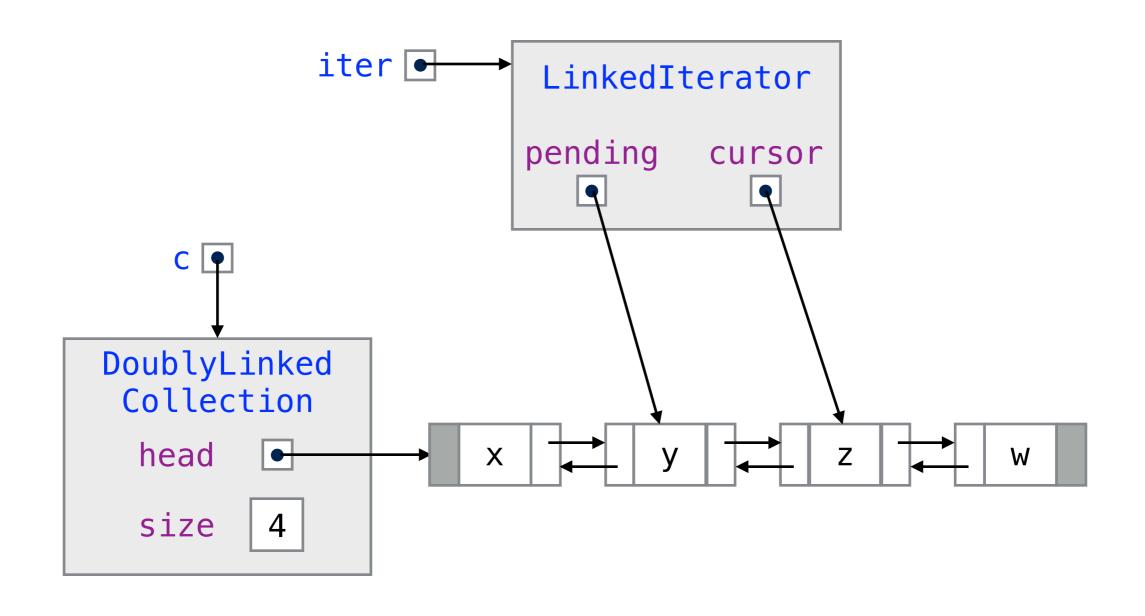




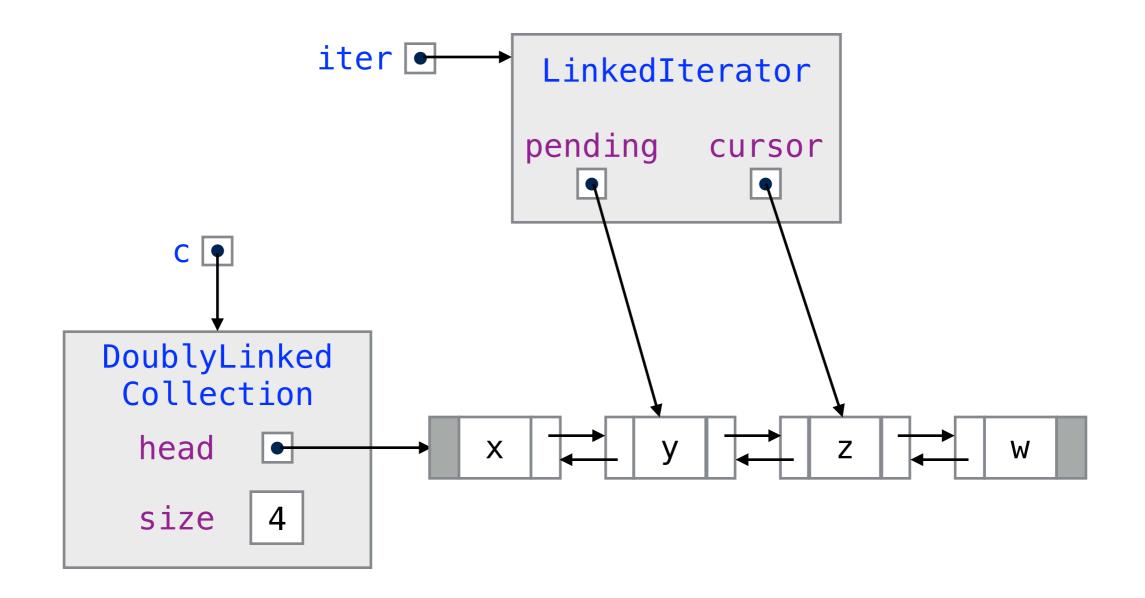


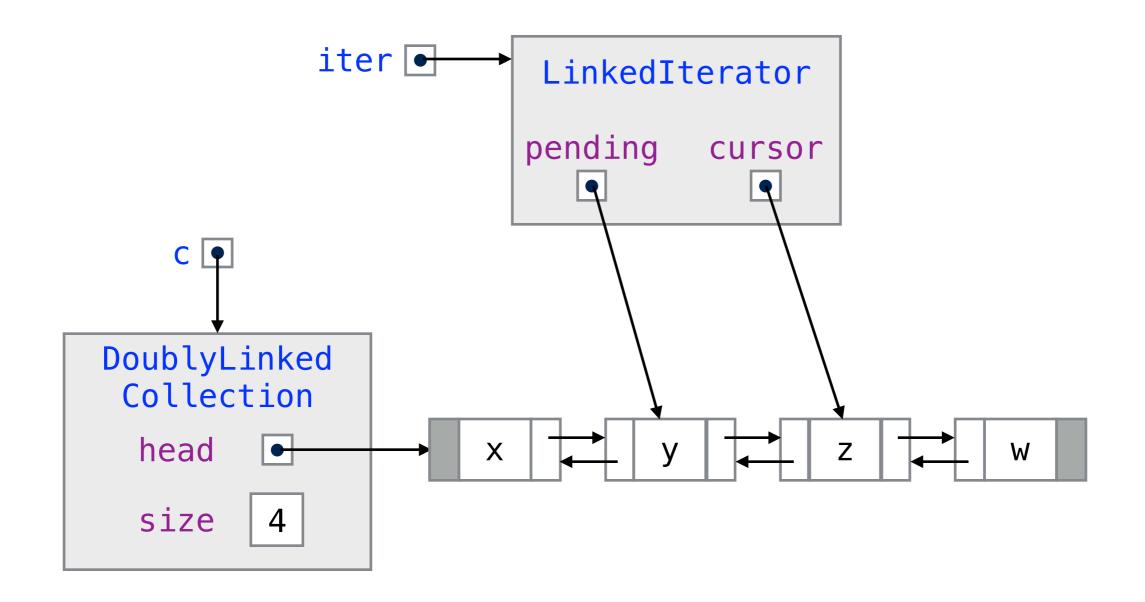




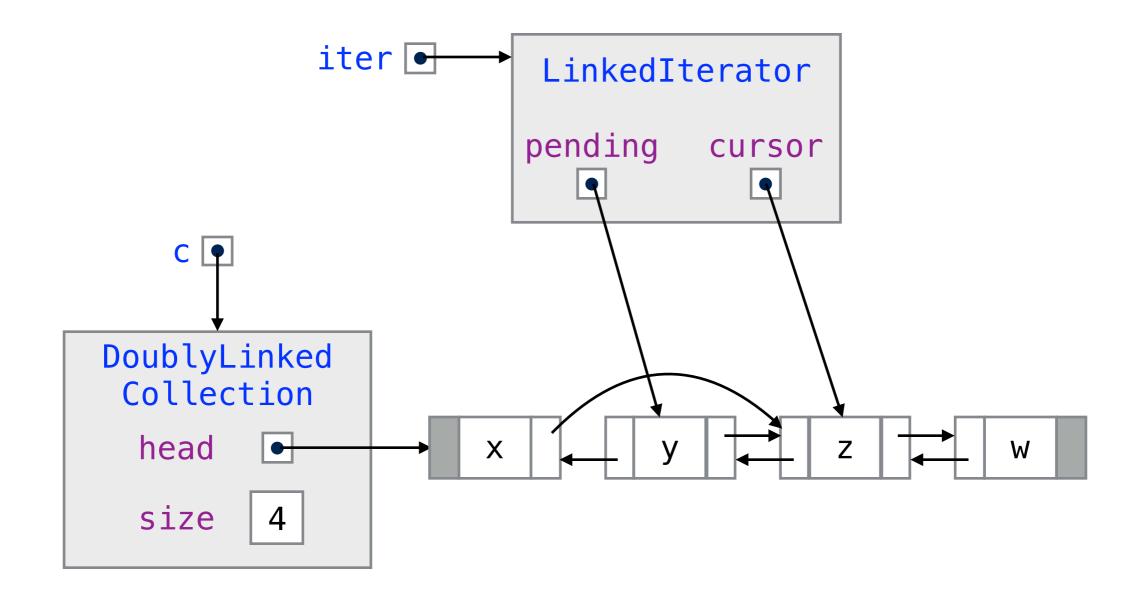




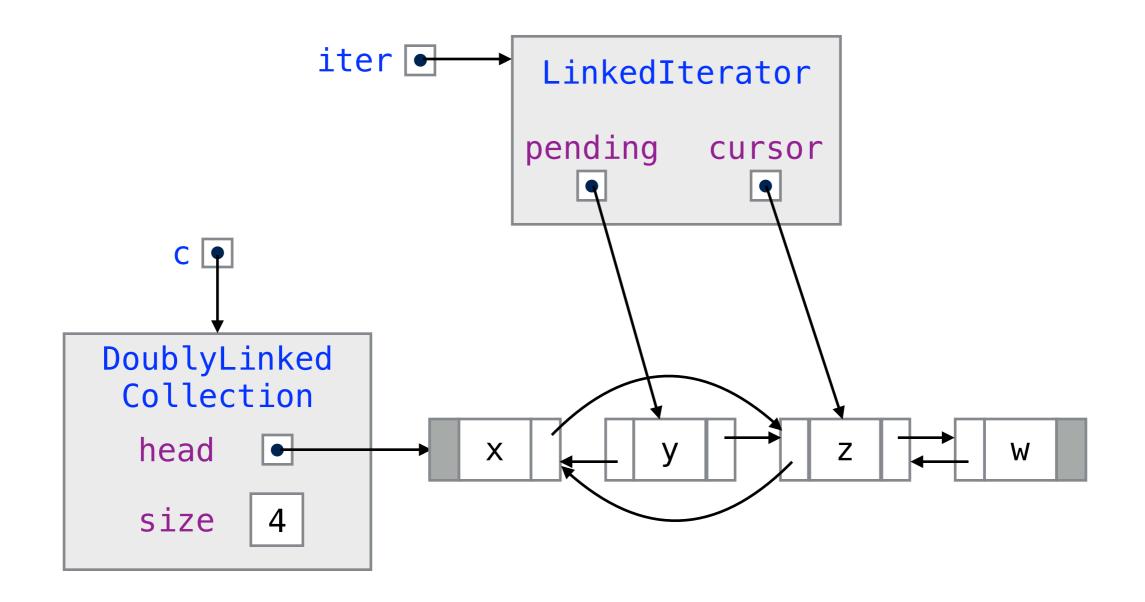




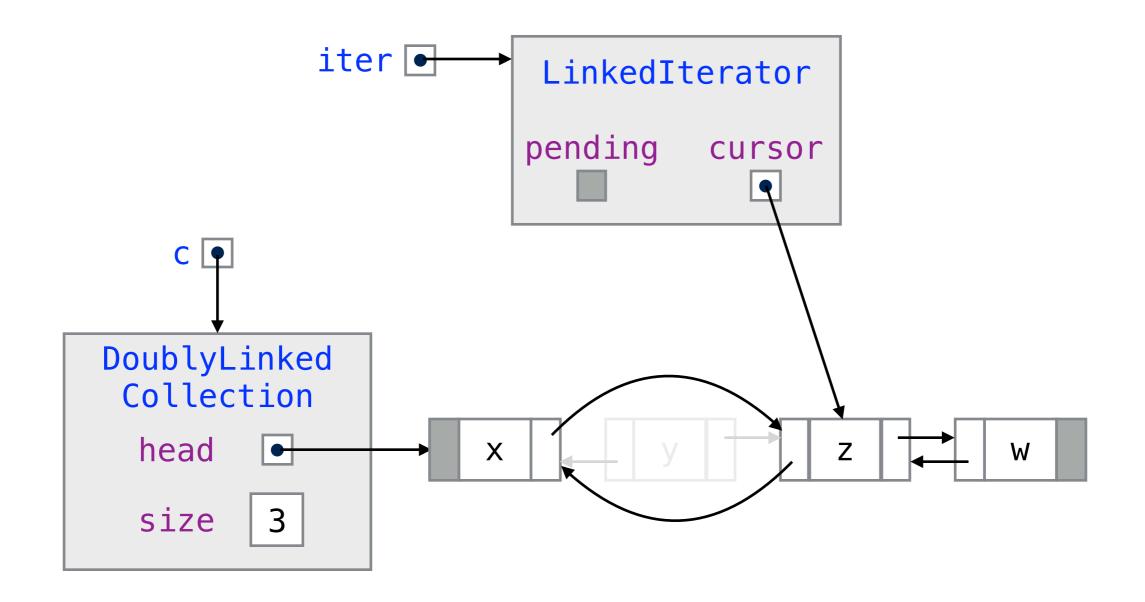
iter.remove()



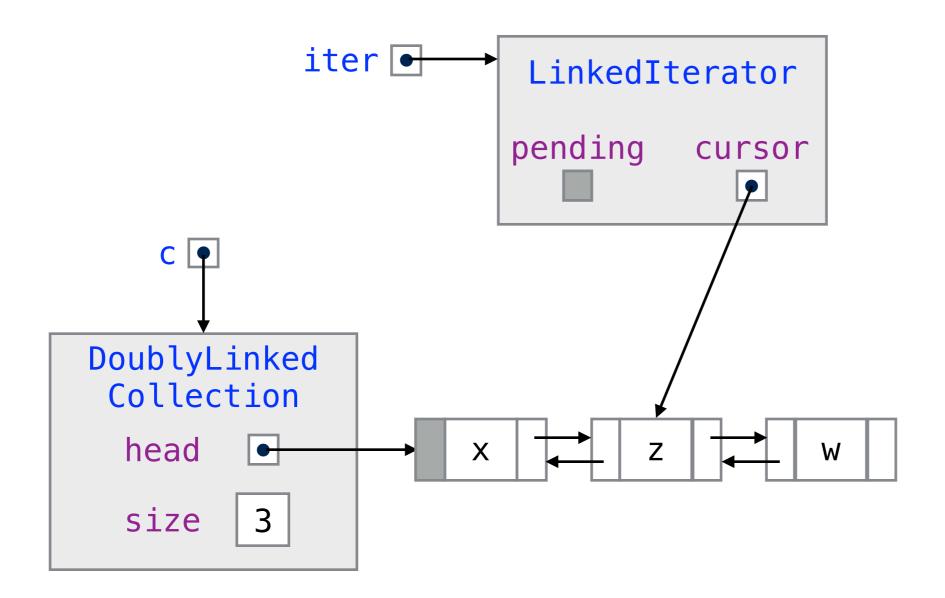
iter.remove()

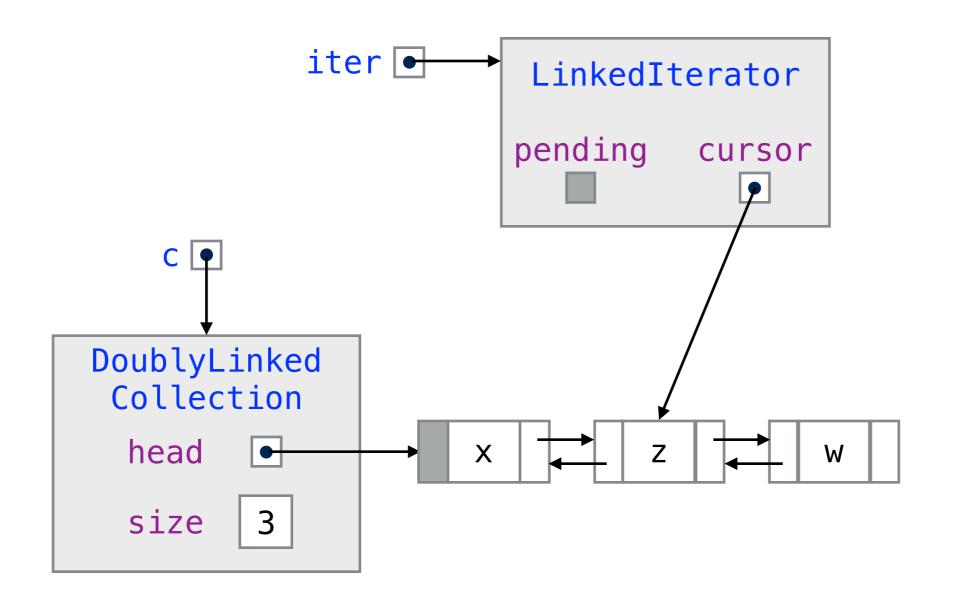


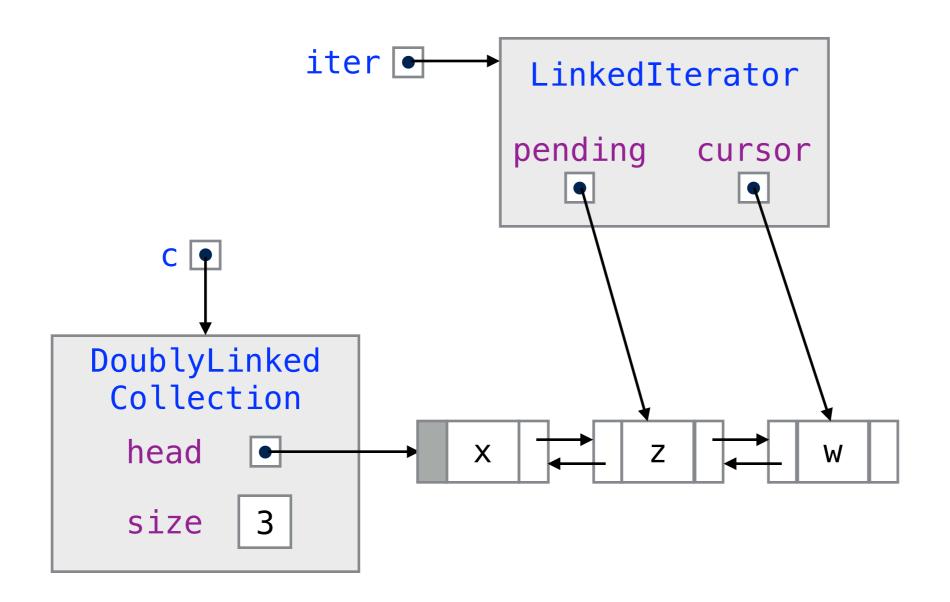
iter.remove()

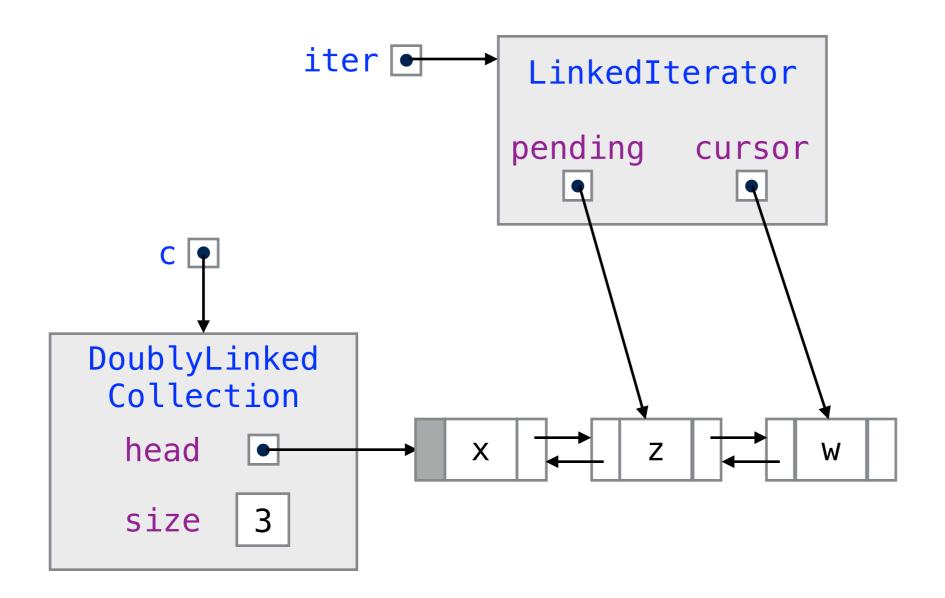


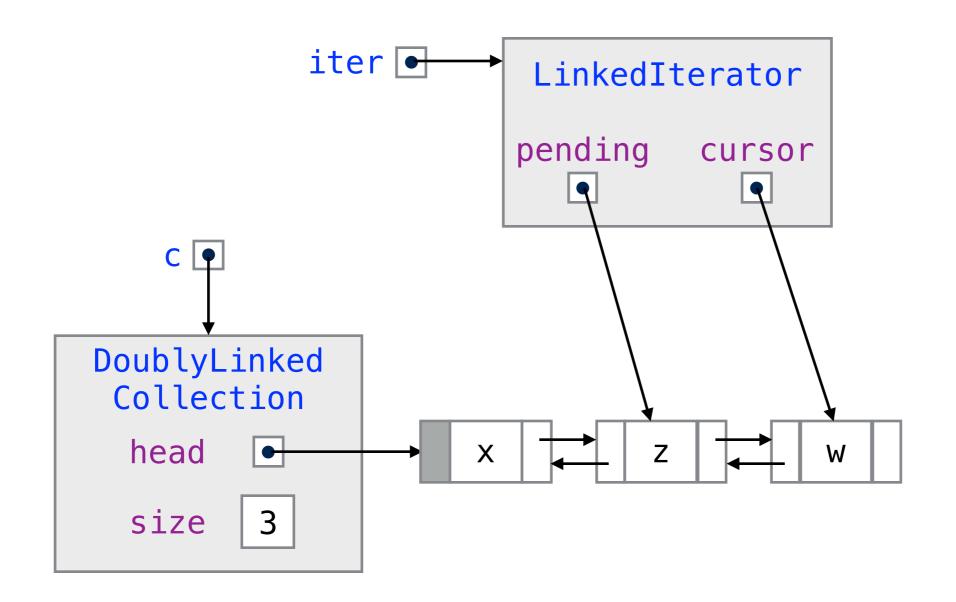
iter.remove()

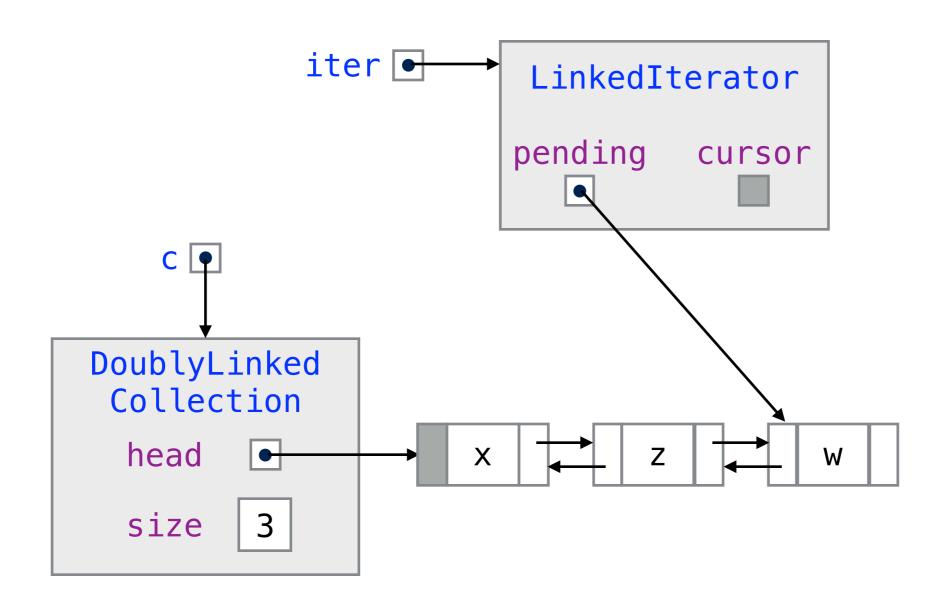




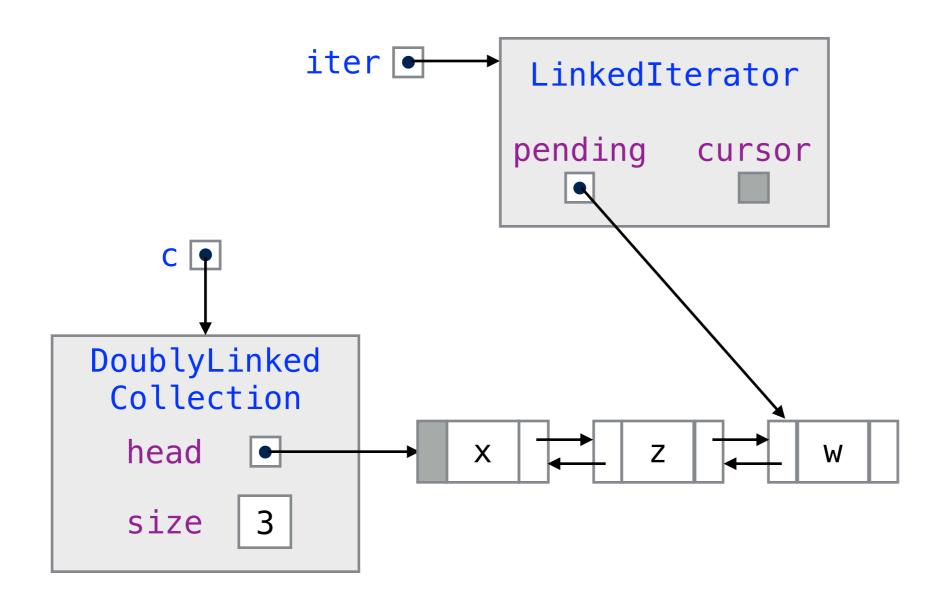












iter.hasNext() == false