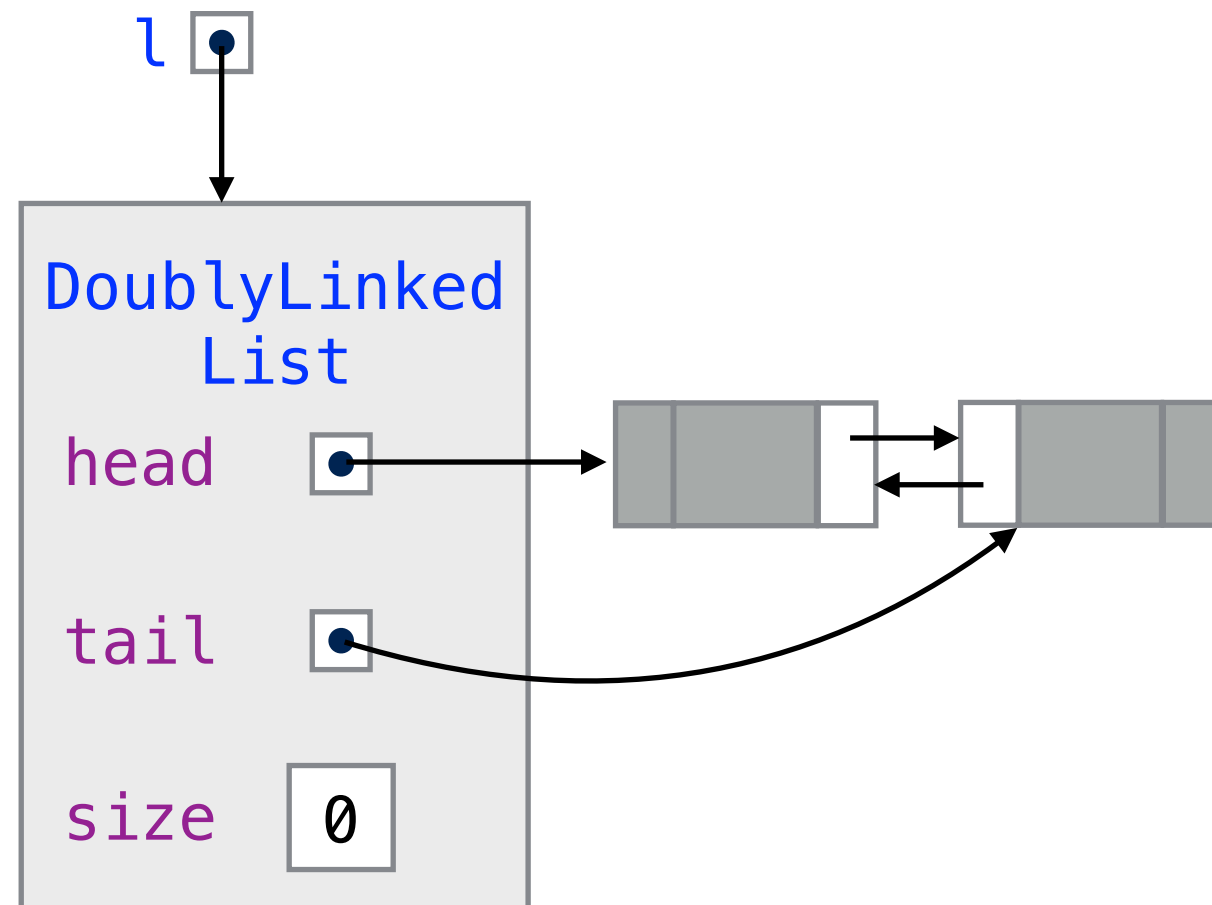
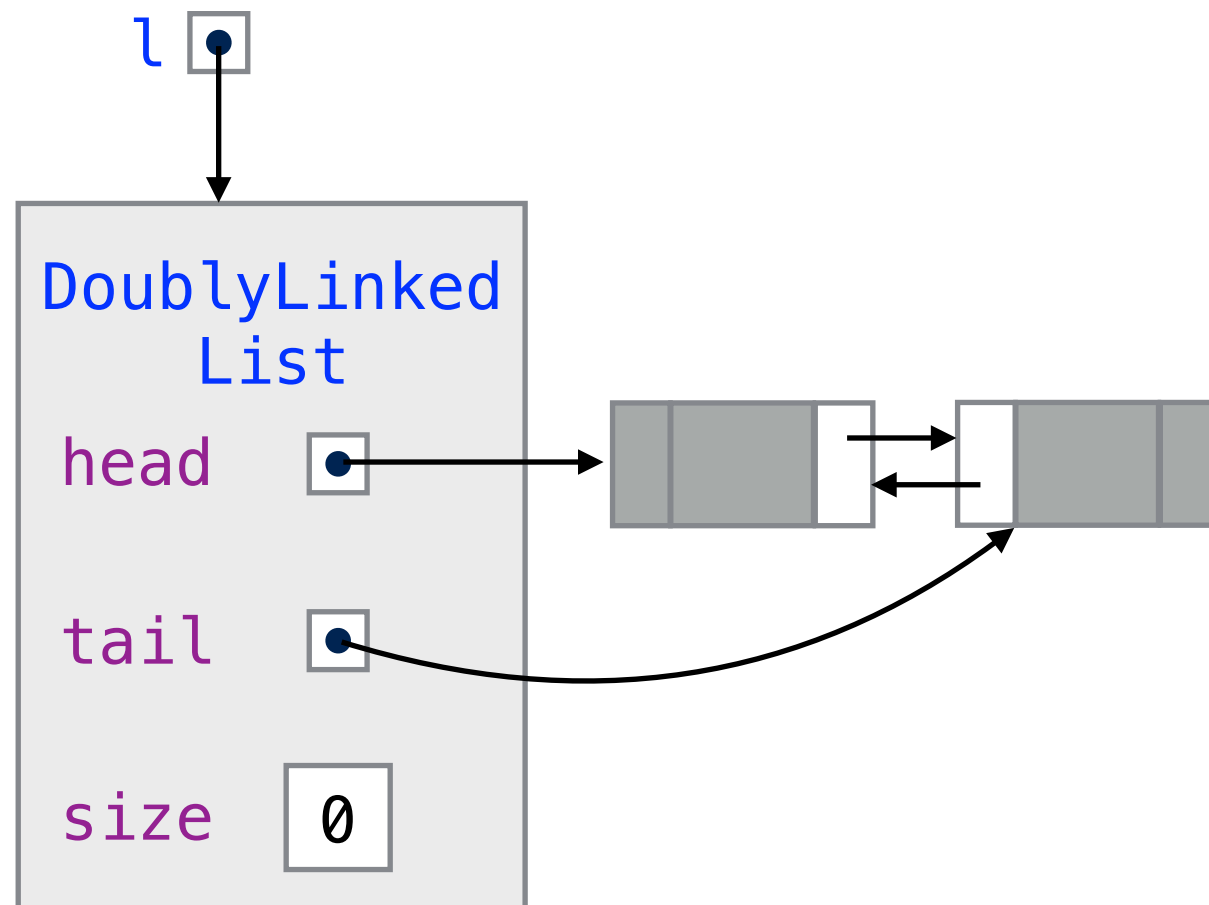
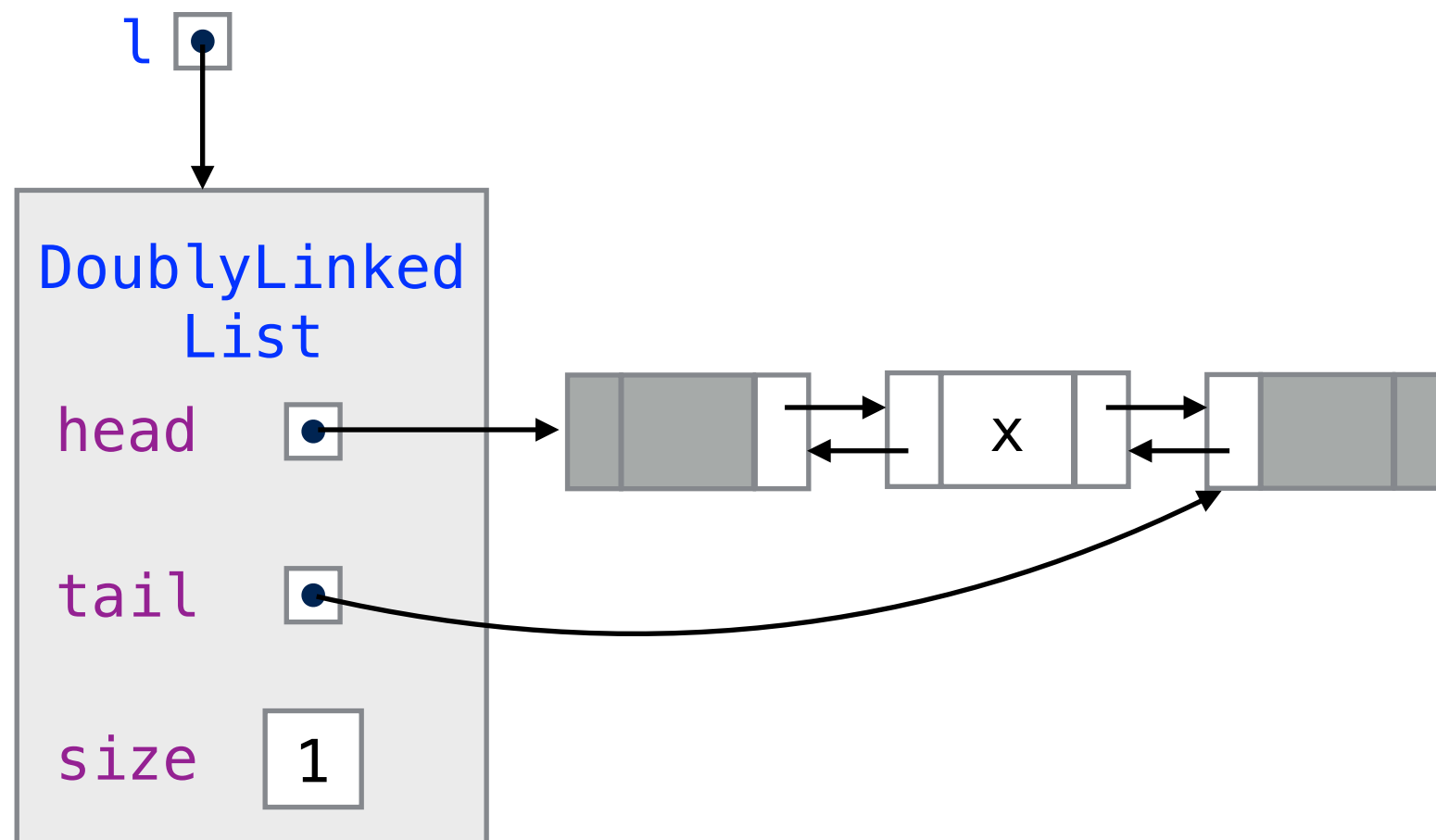


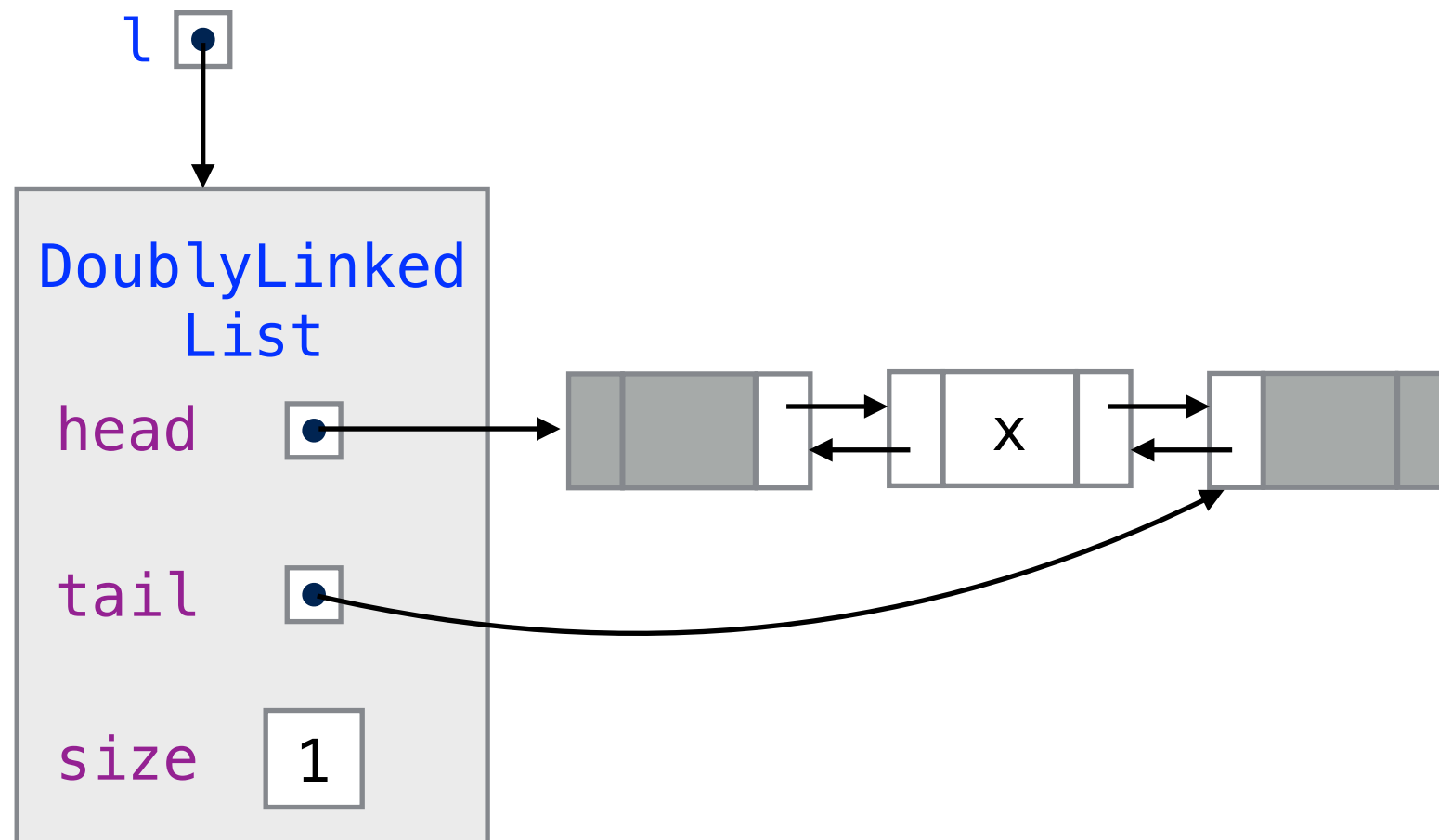
# List<E>: Doubly-Linked Implementation



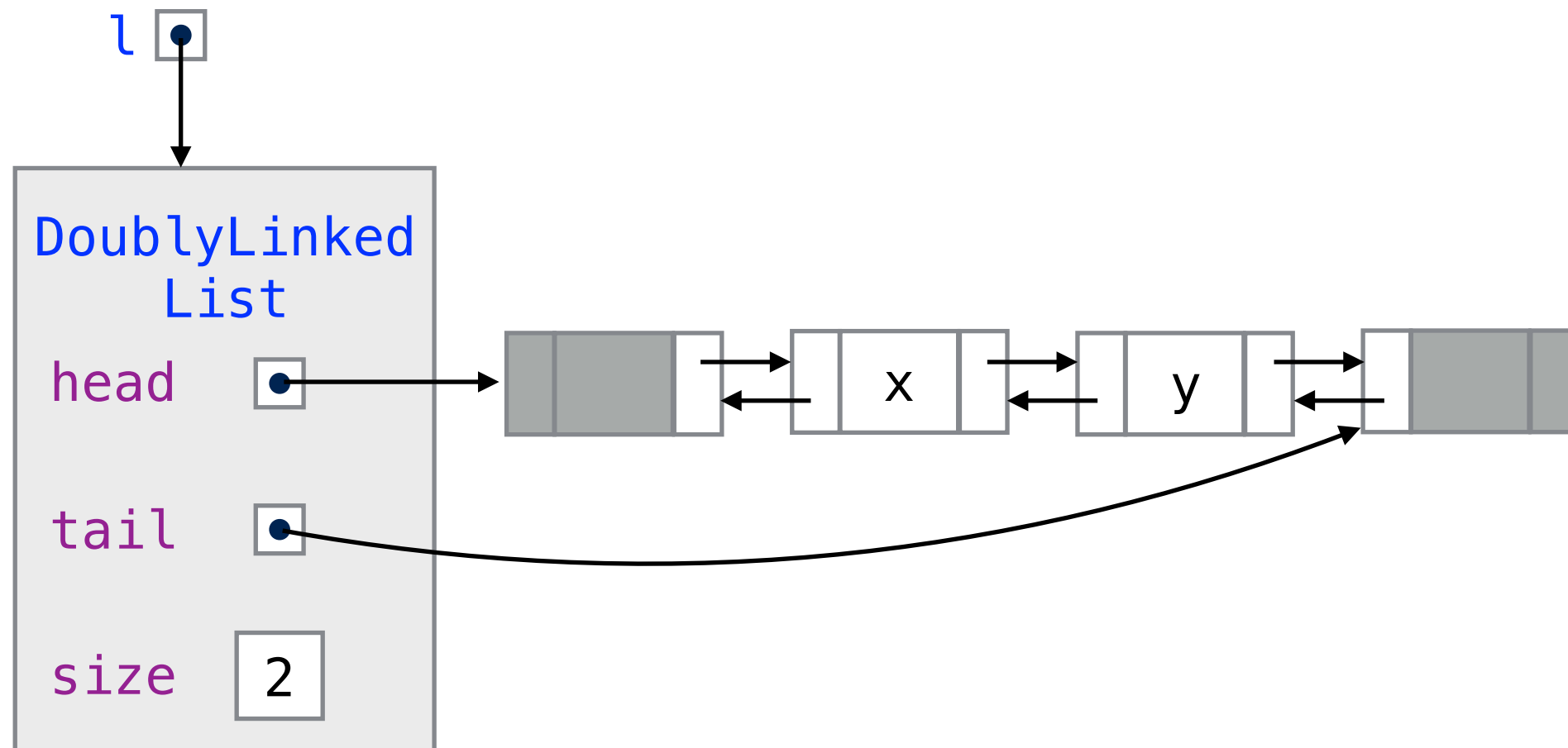


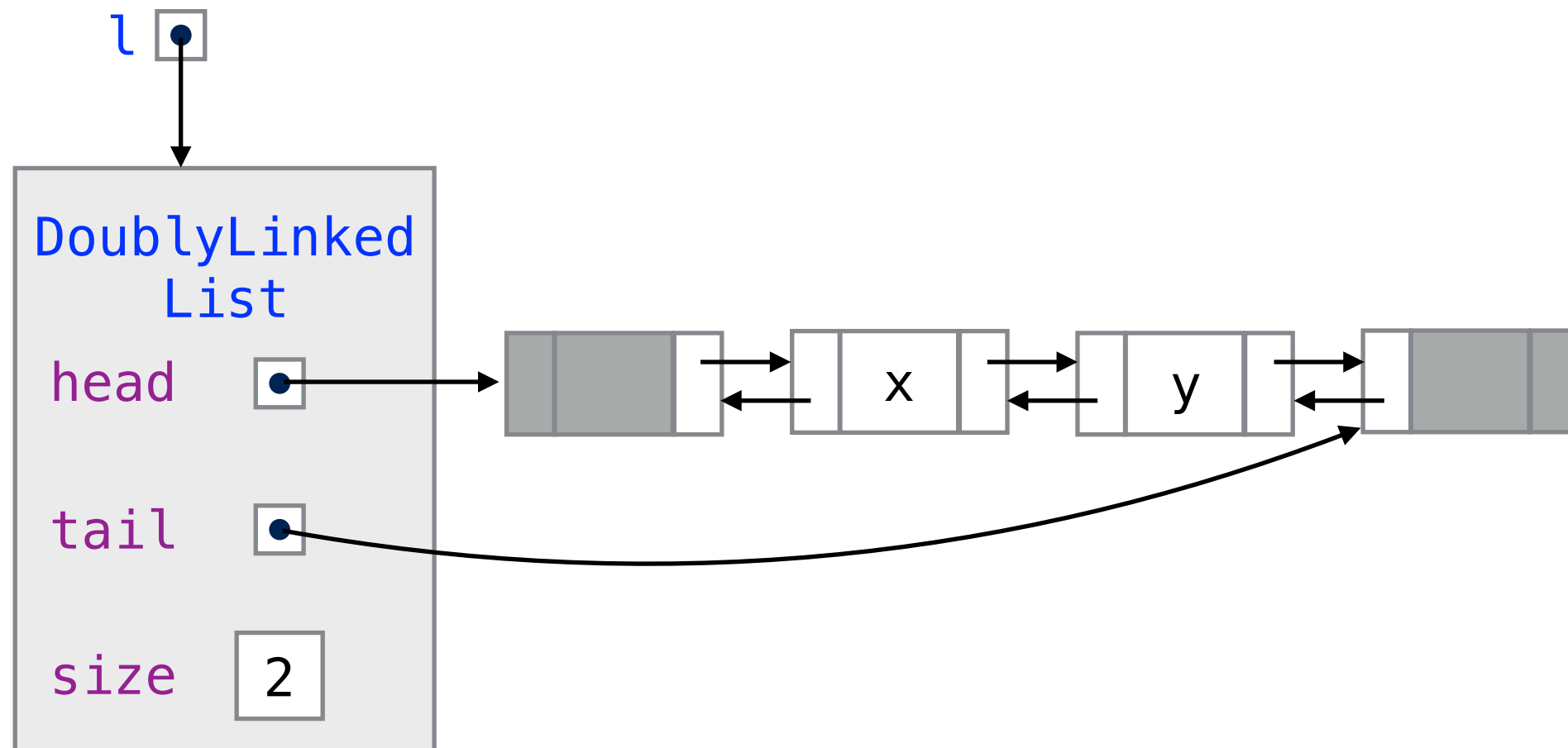
`l.add("x")`



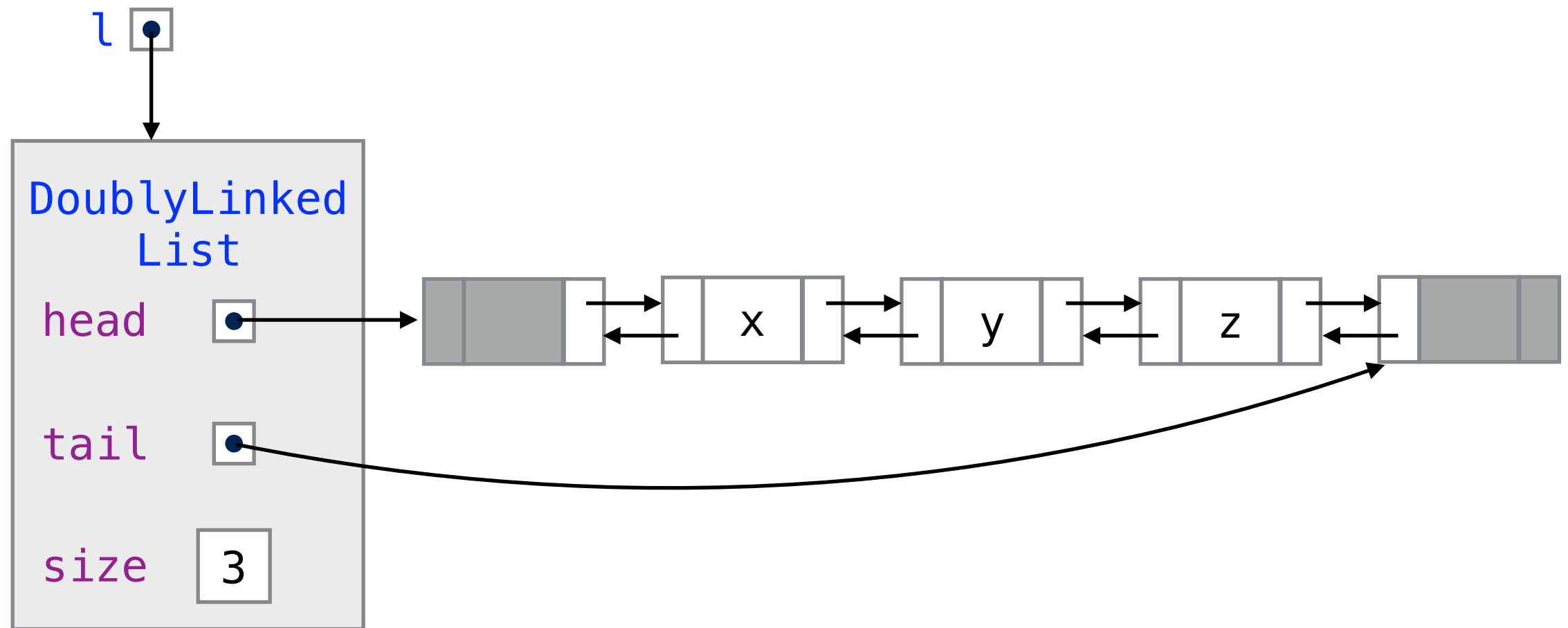


`l.add("y")`



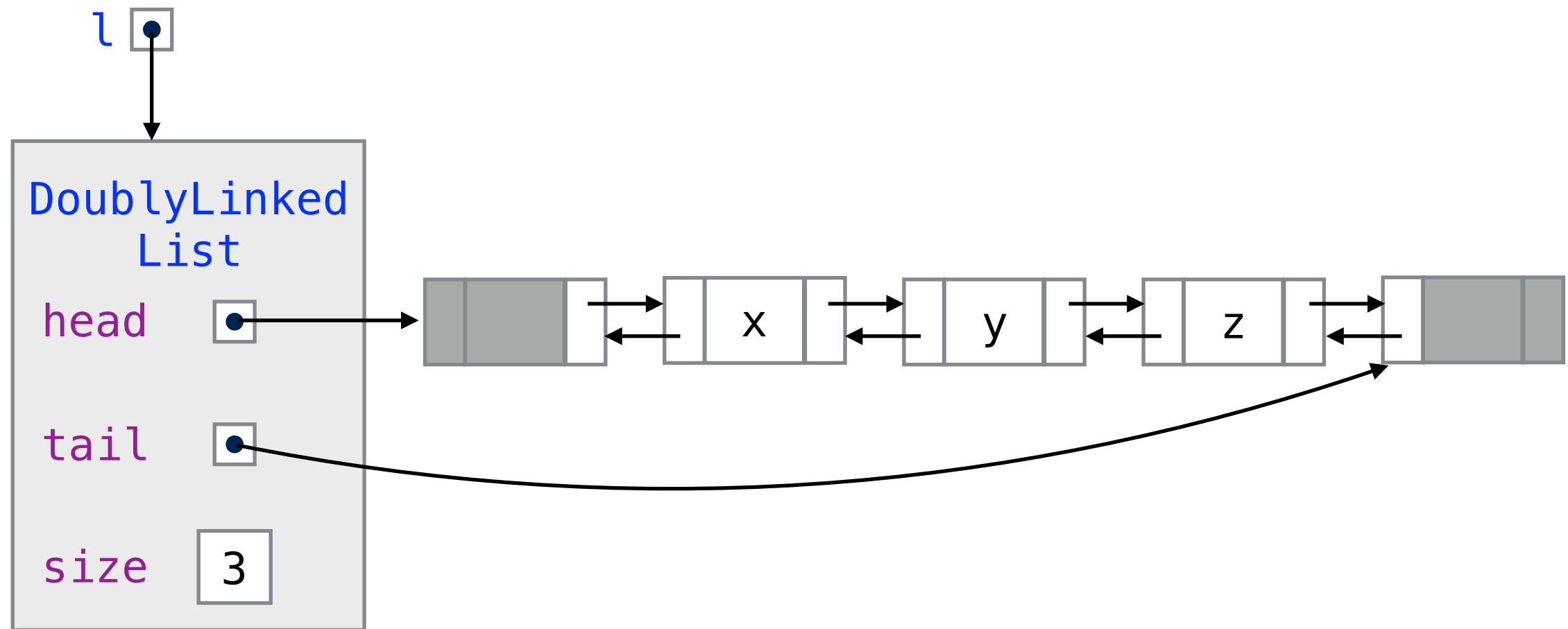


`l.add("z")`

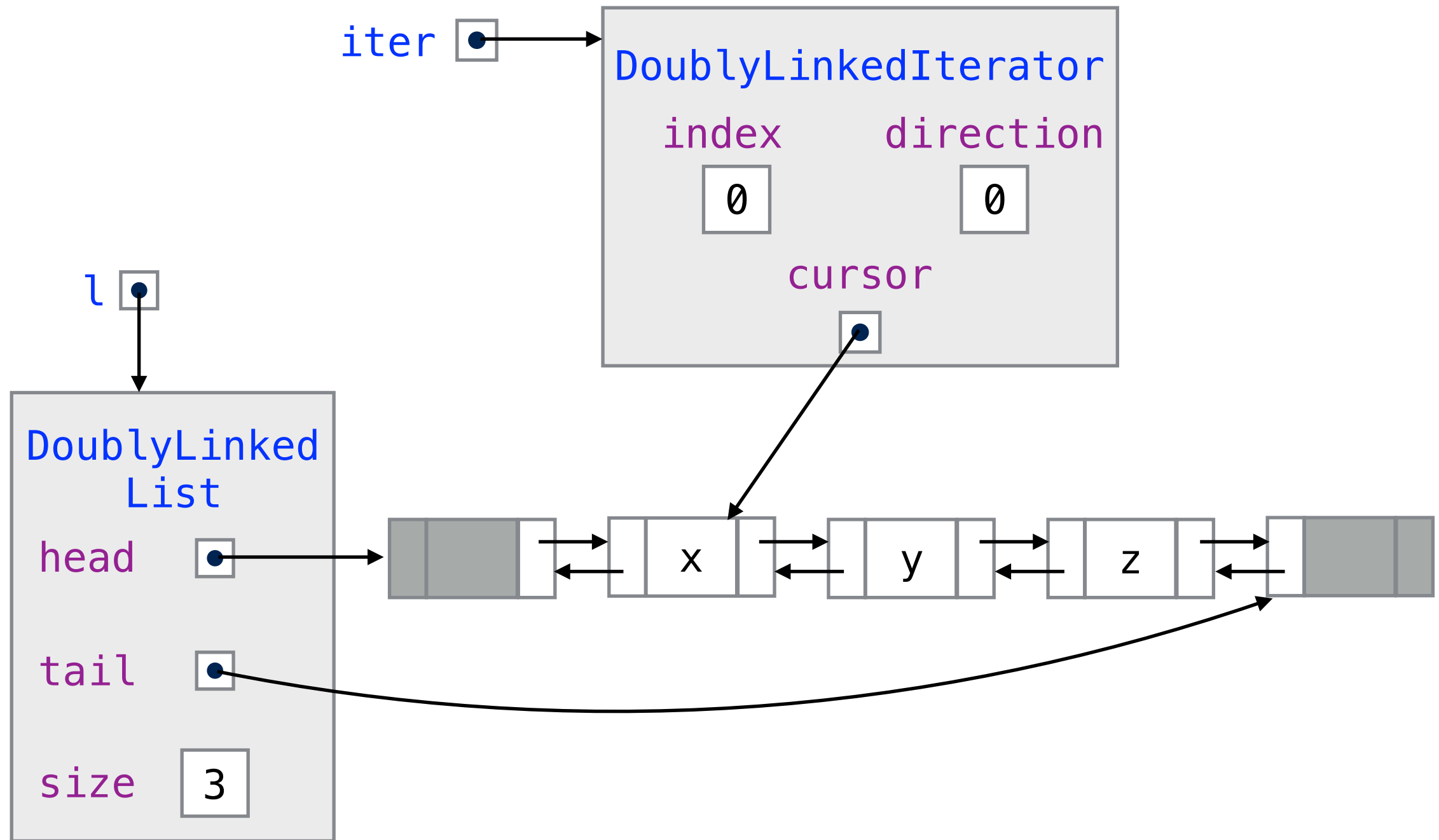


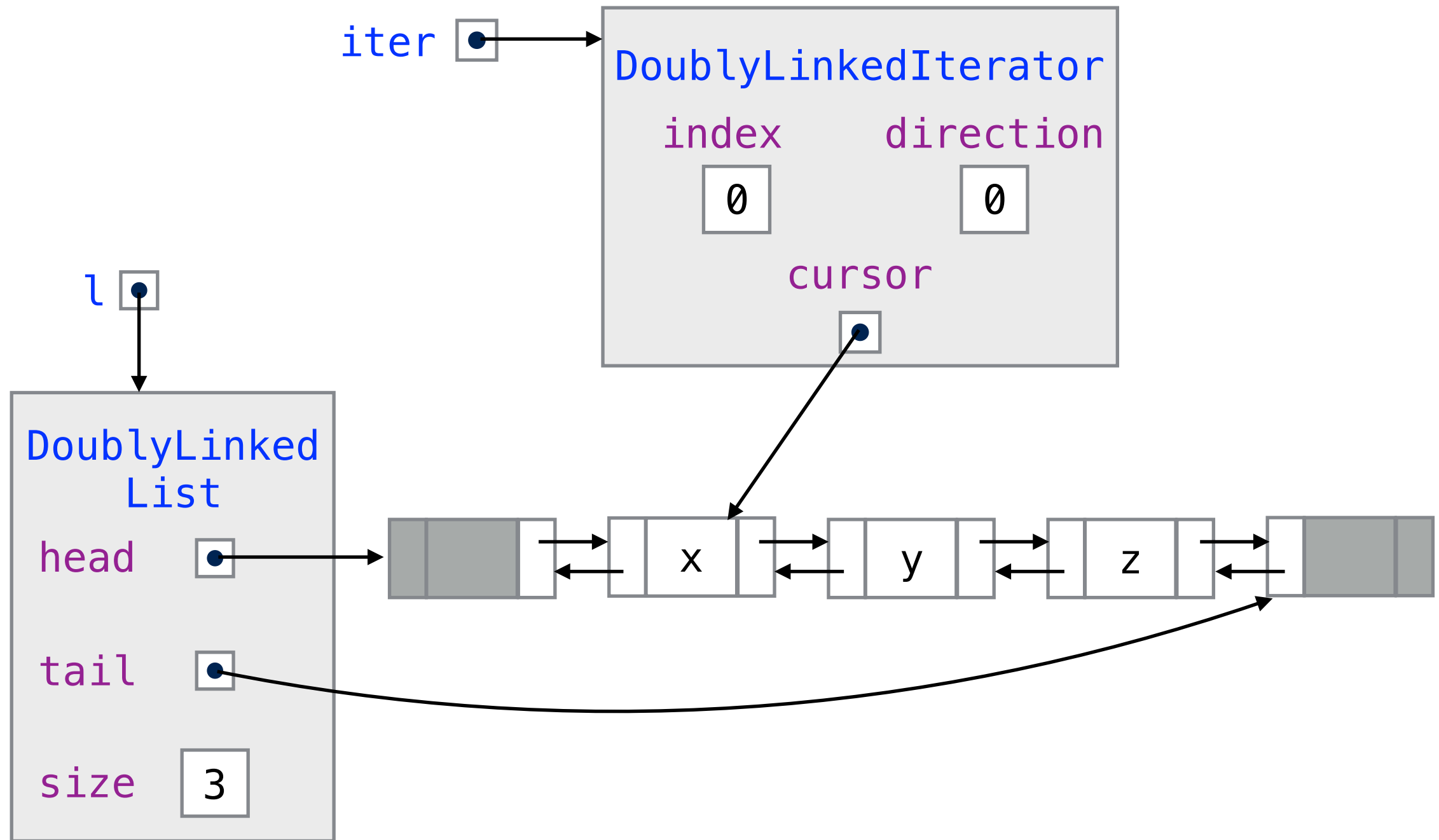


Iterators:  
next() and previous()

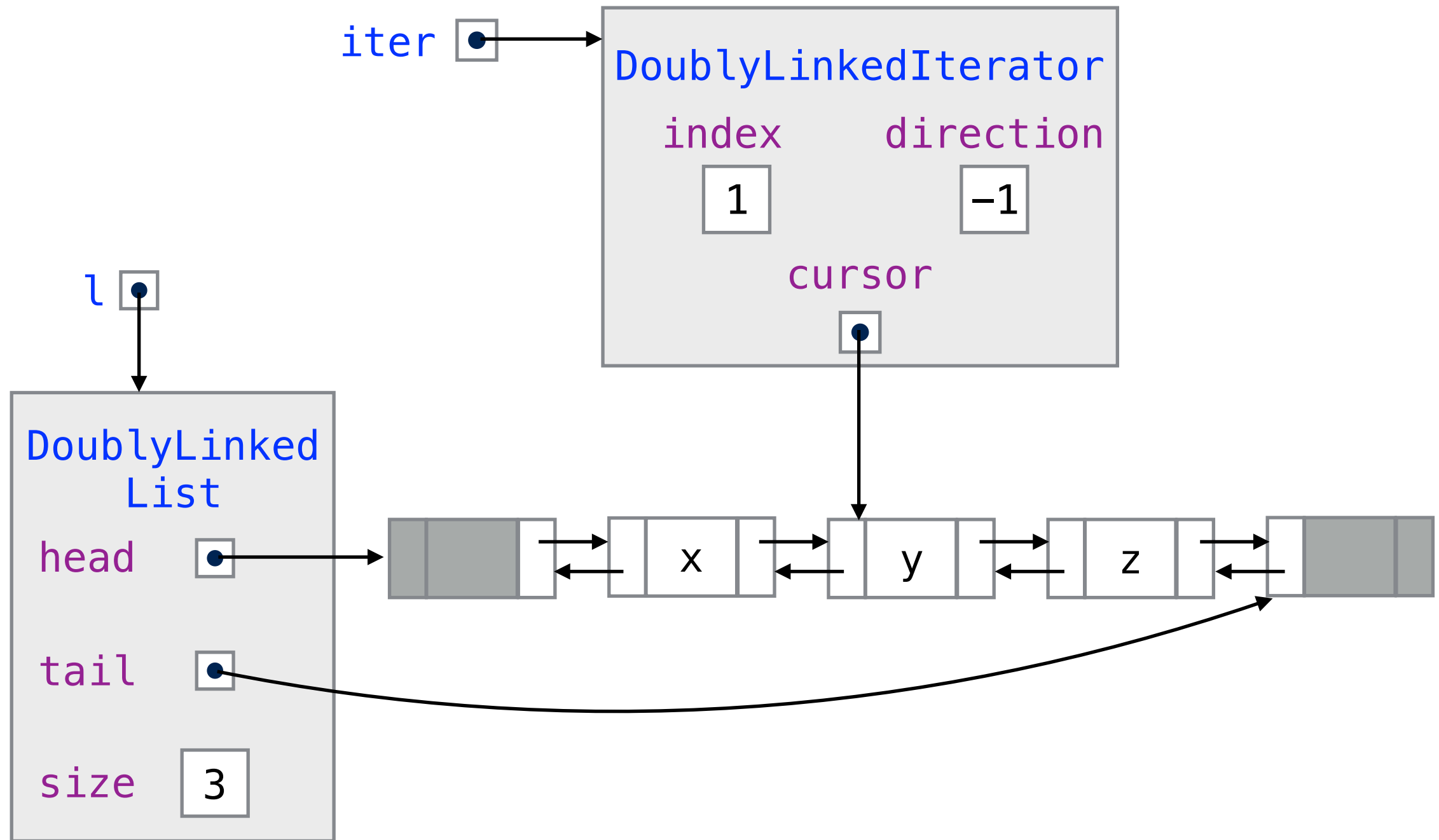


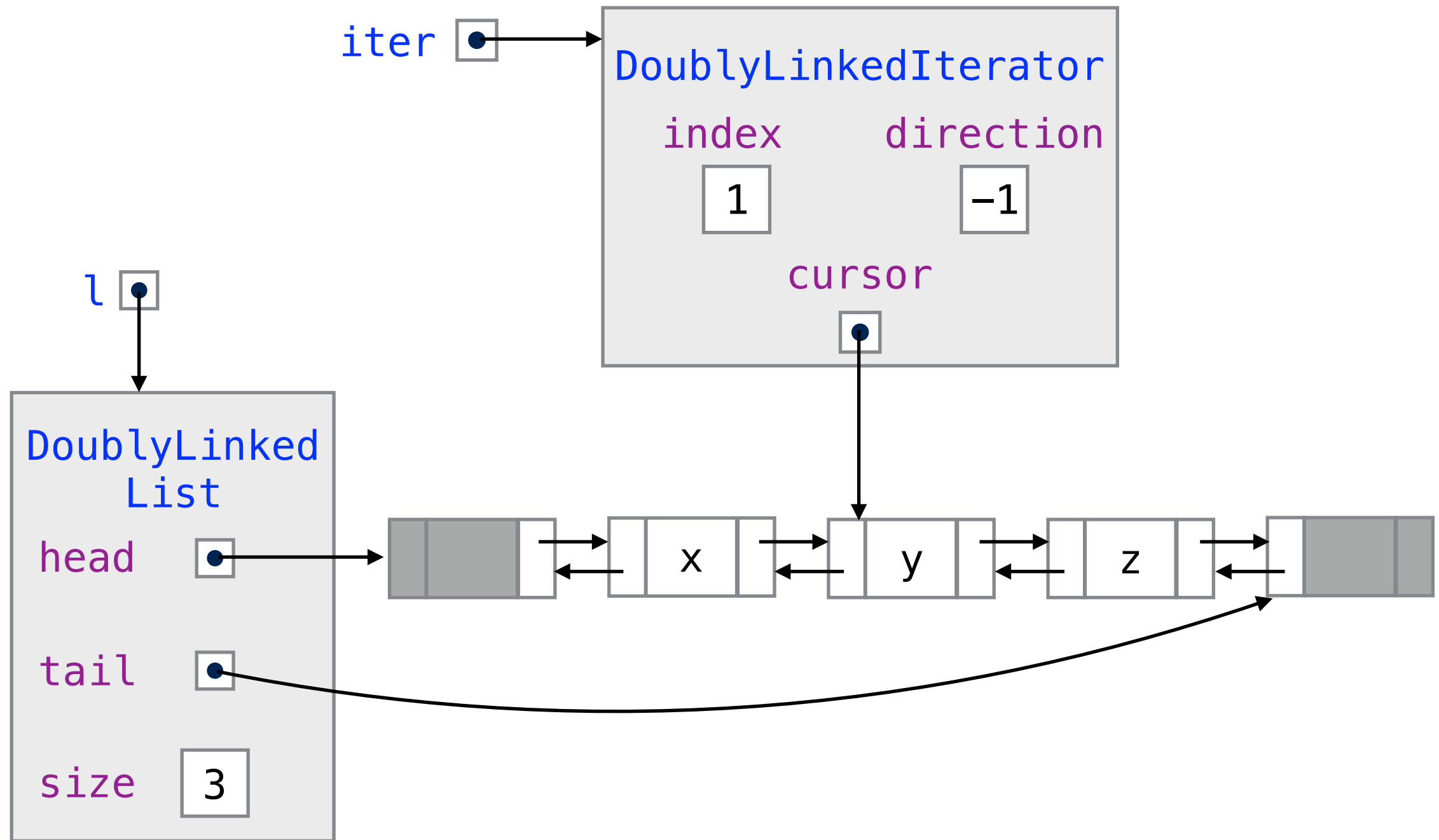
```
ListIterator<String> iter = l.listIterator()
```

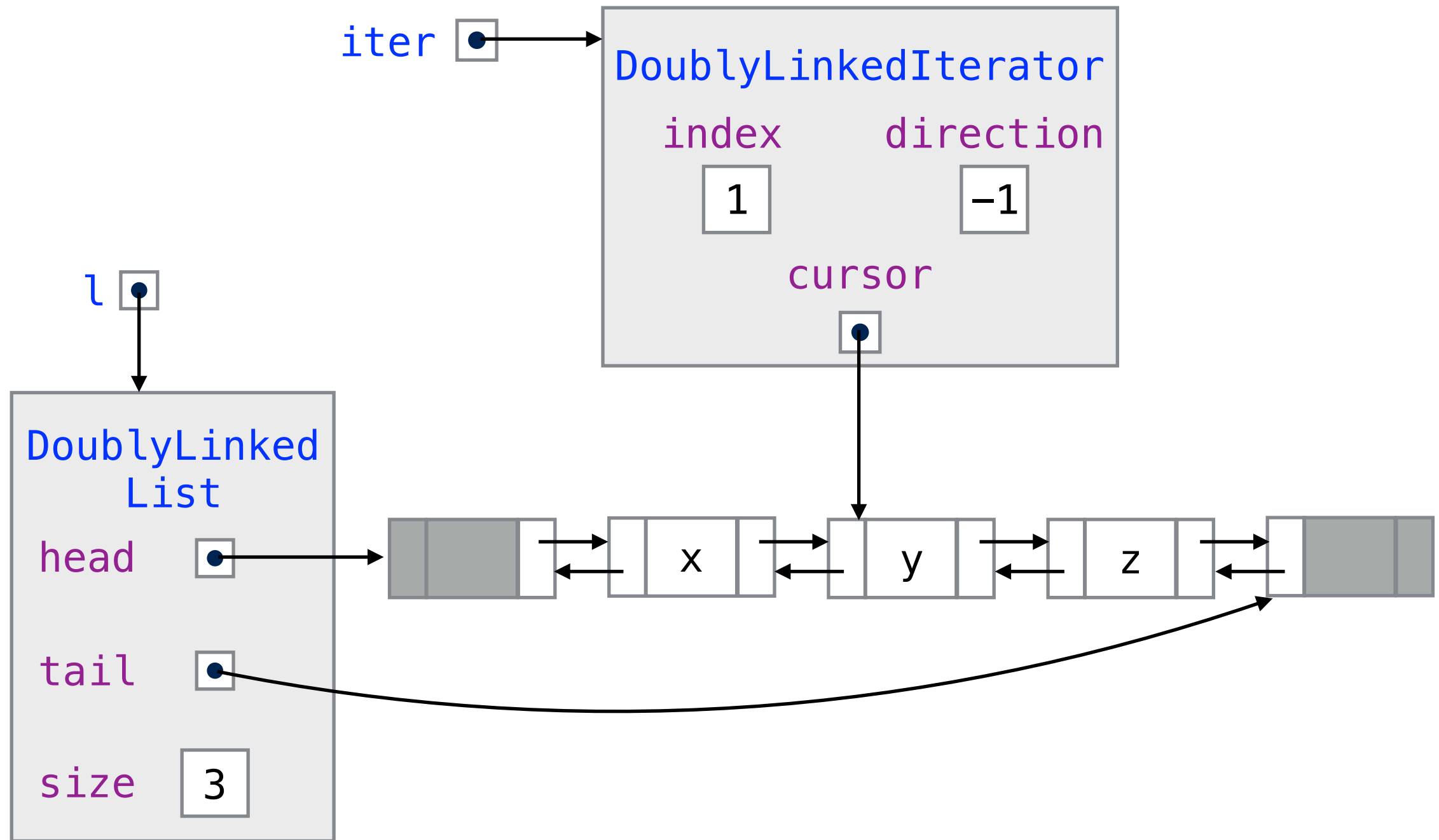




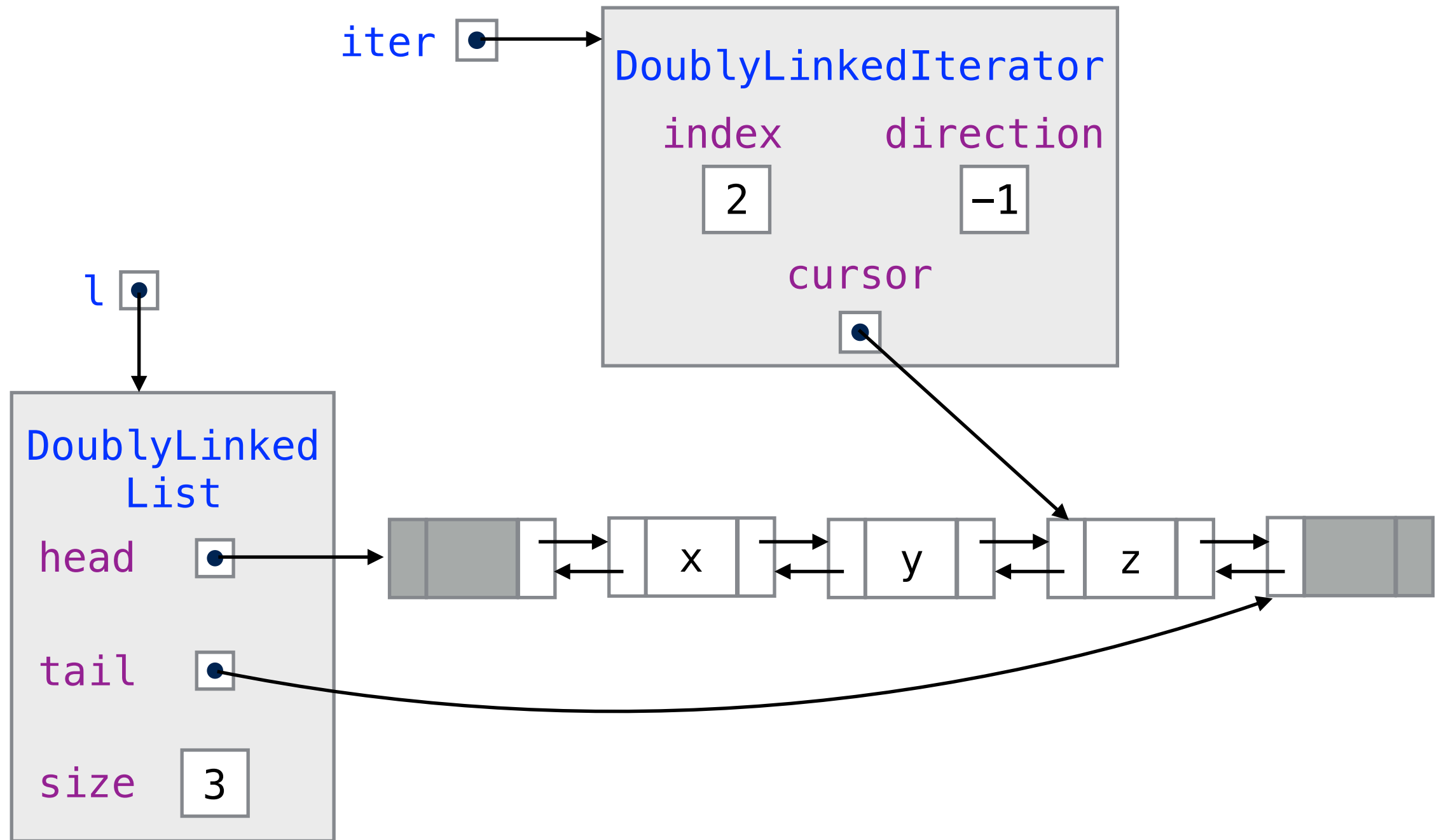
`iter.next()`





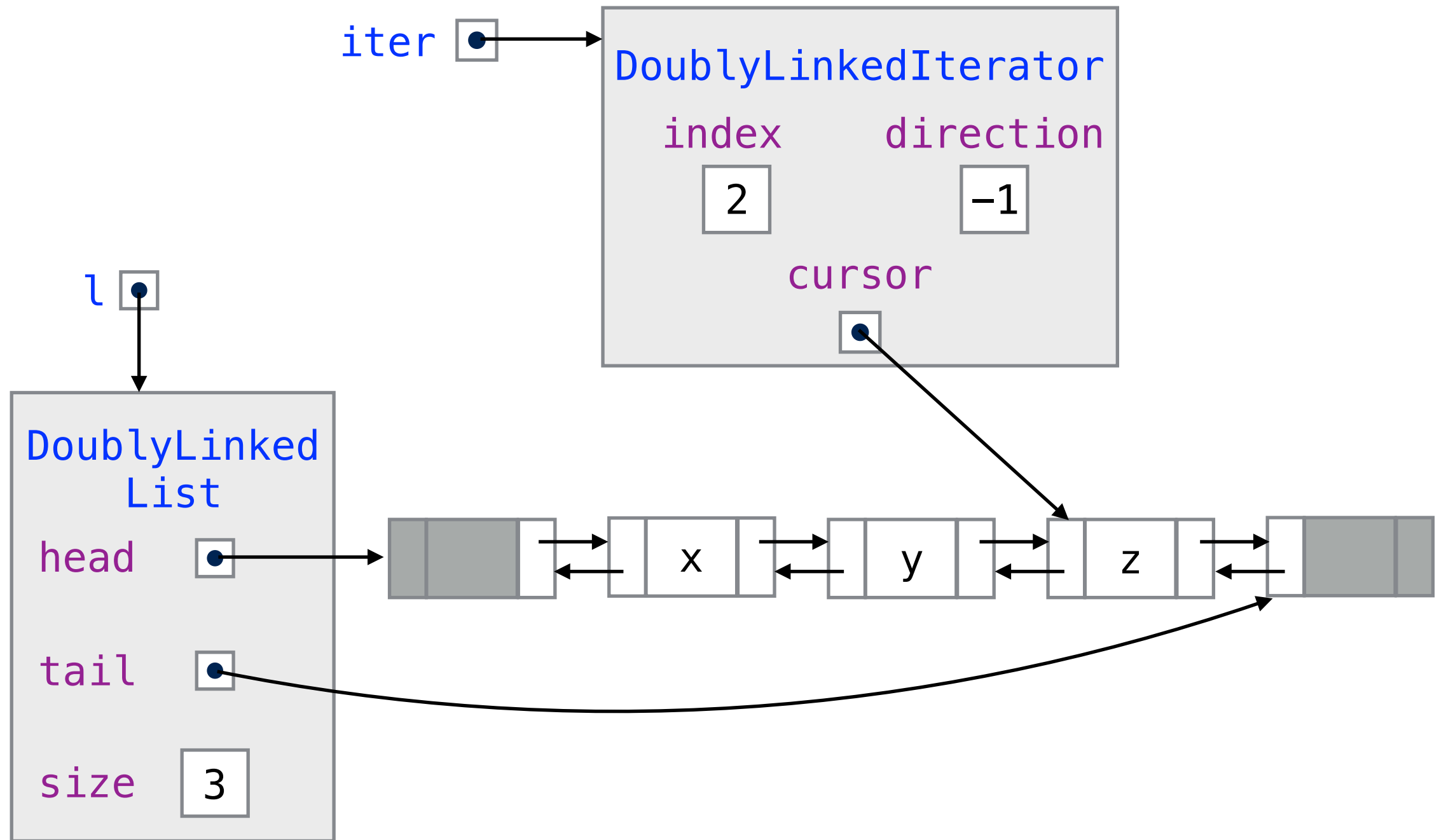


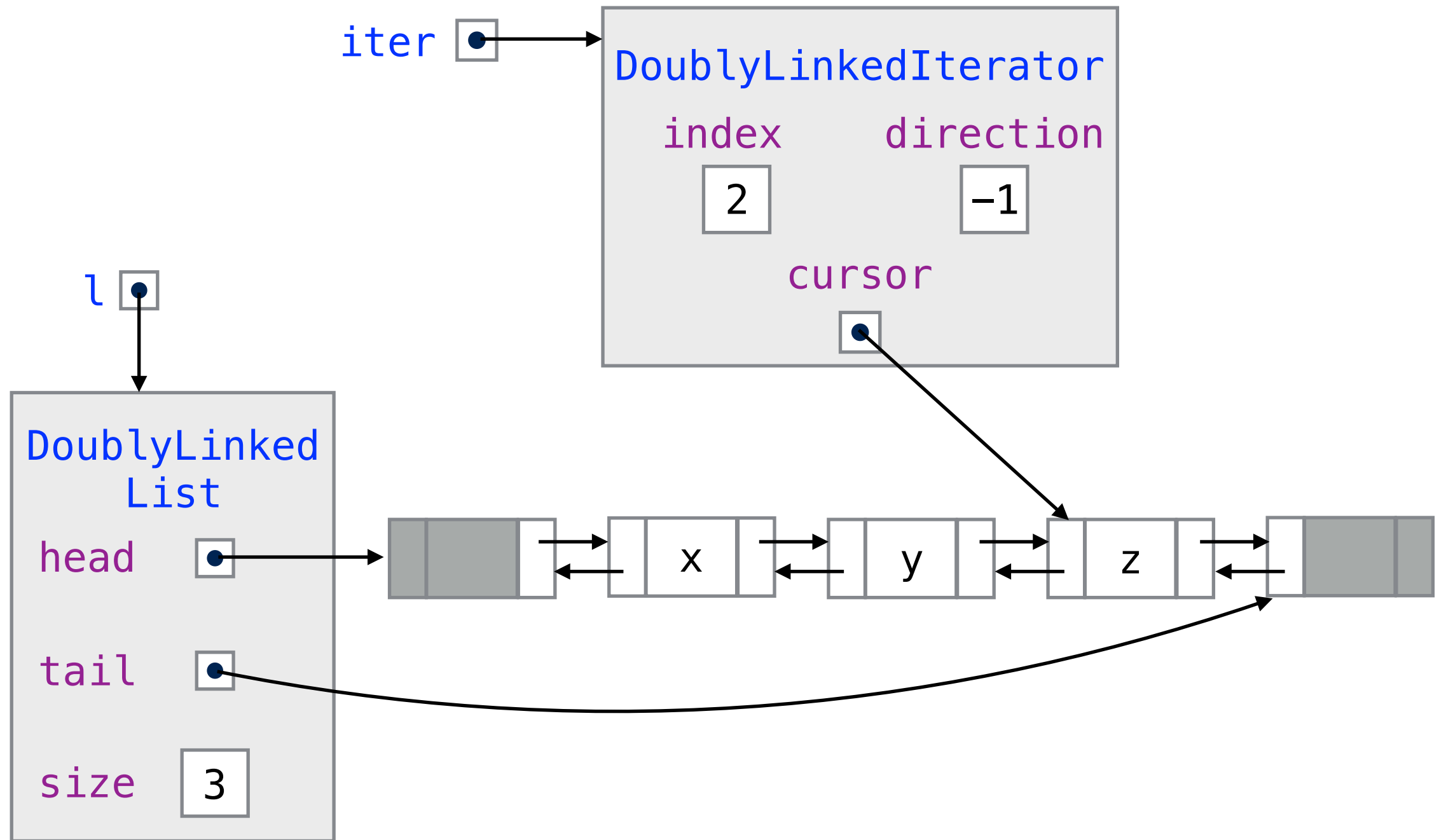
`iter.next()`



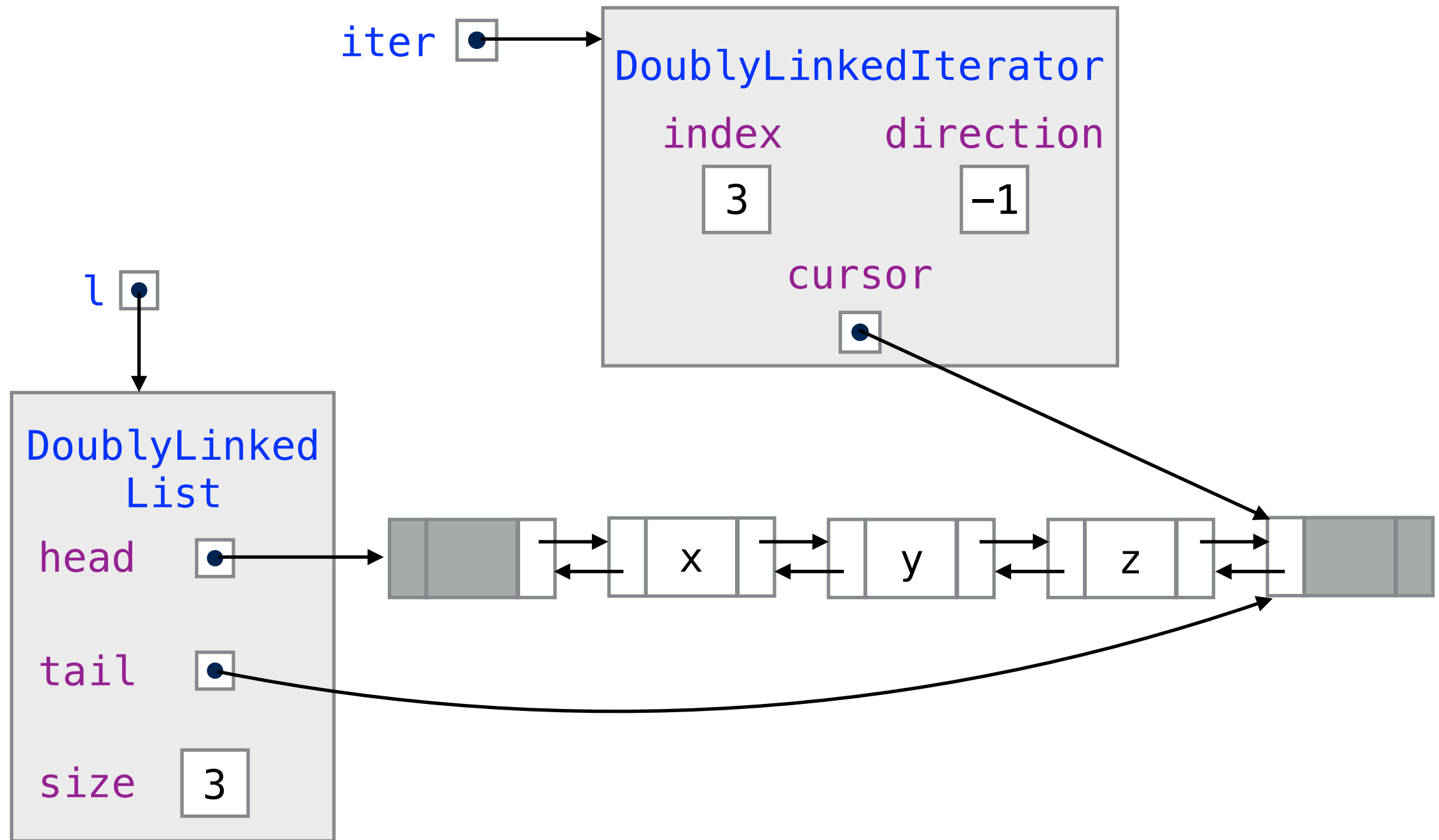
➡ y



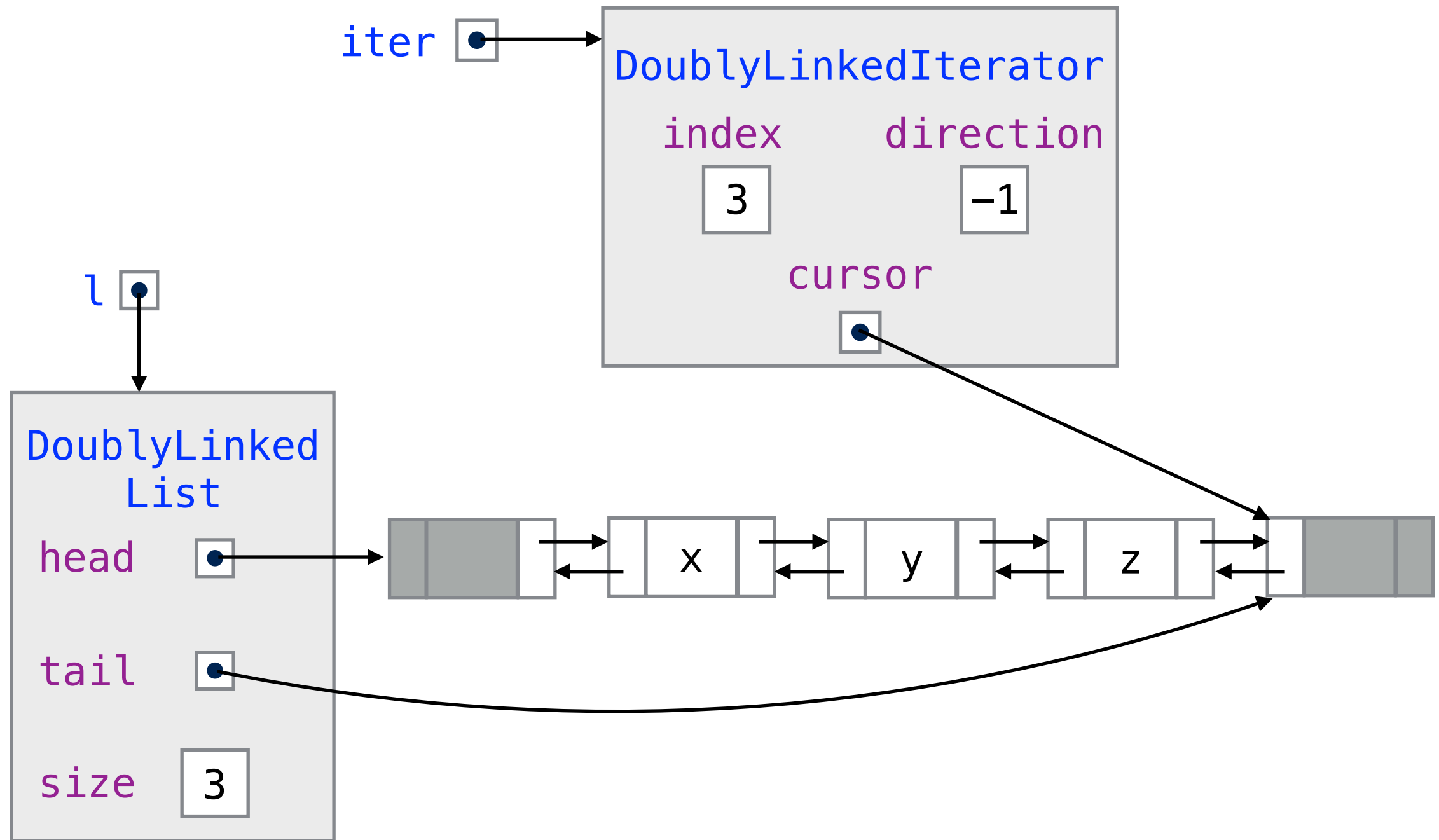


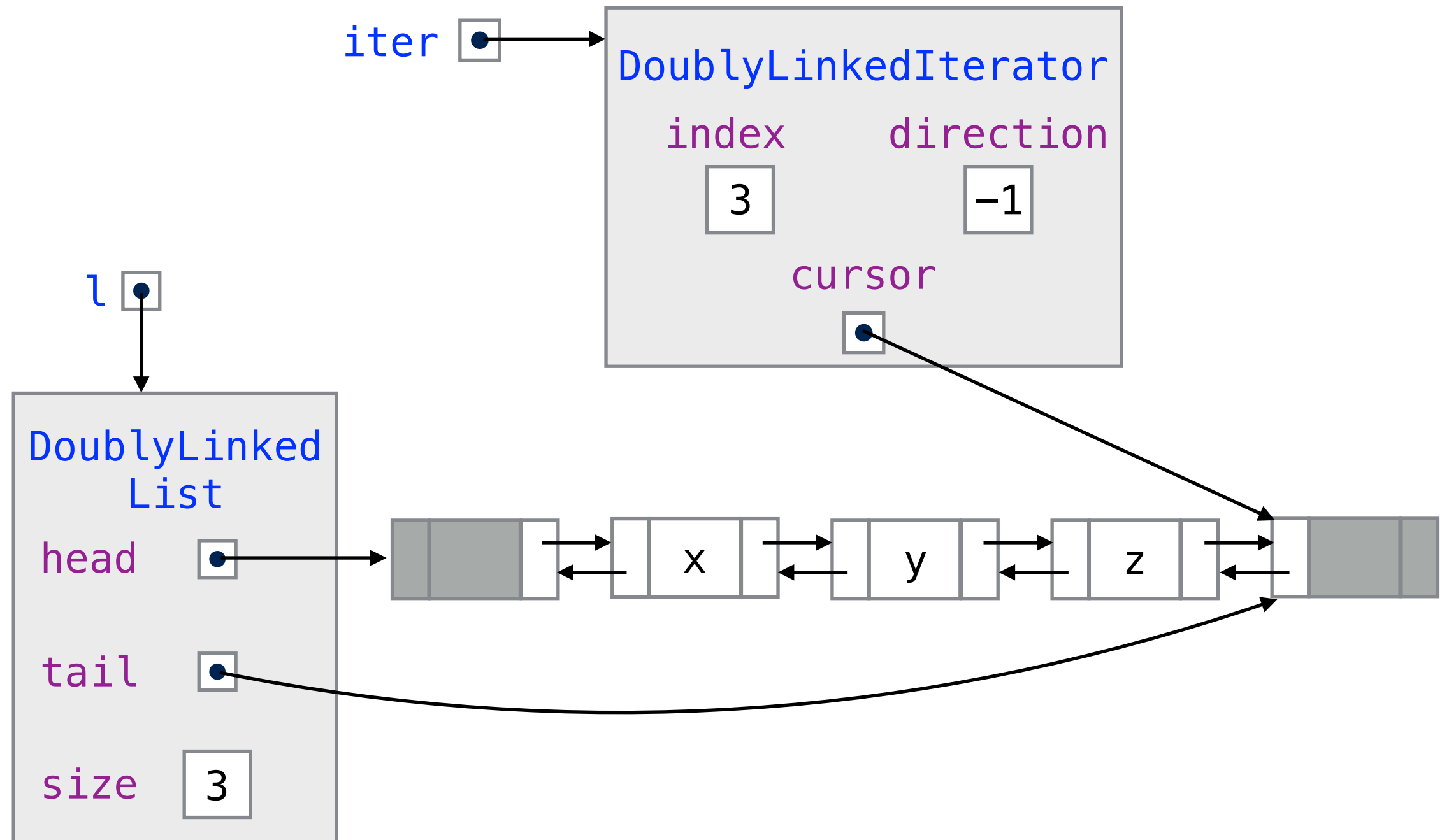


`iter.next()`

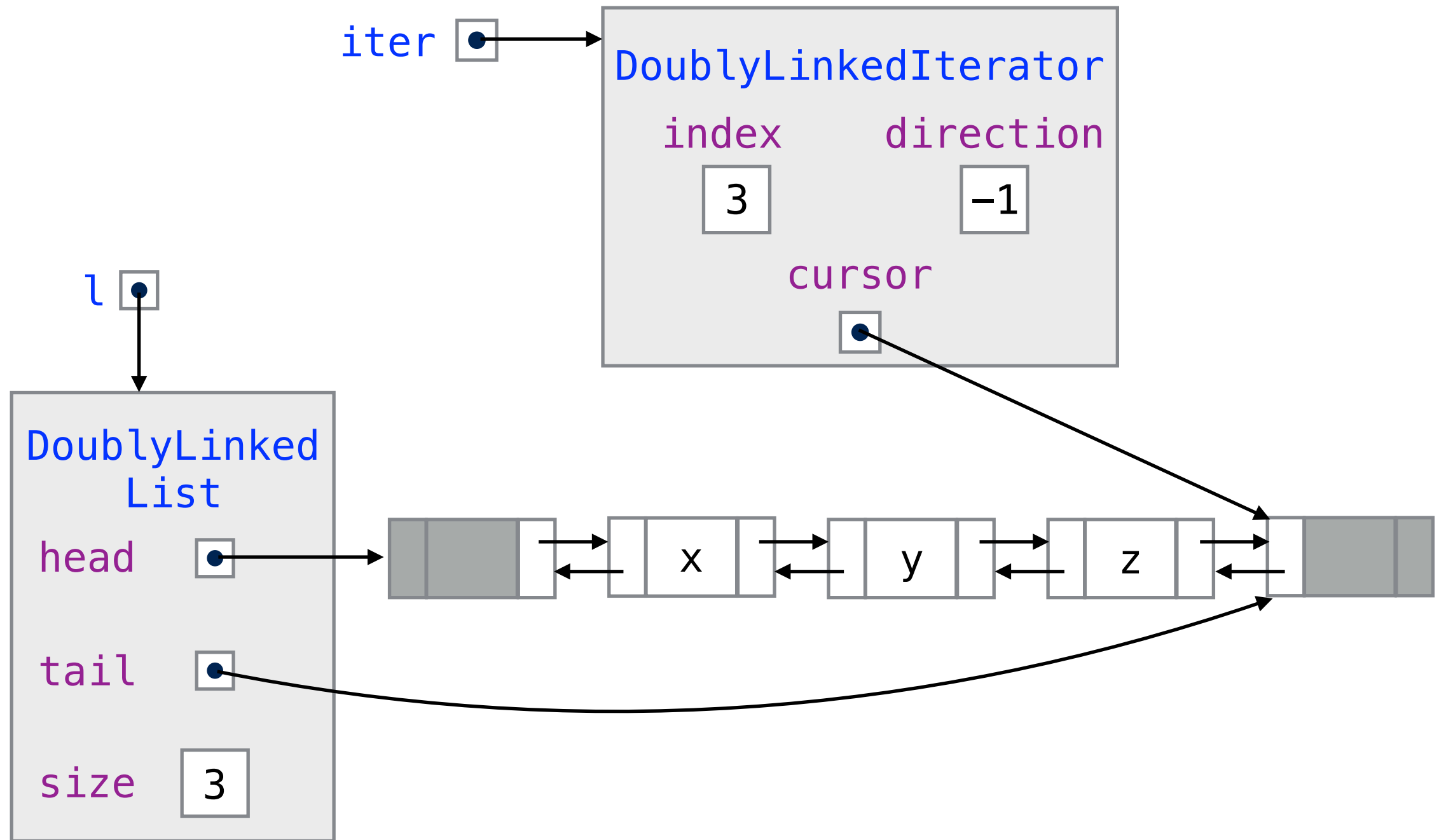


➡ z

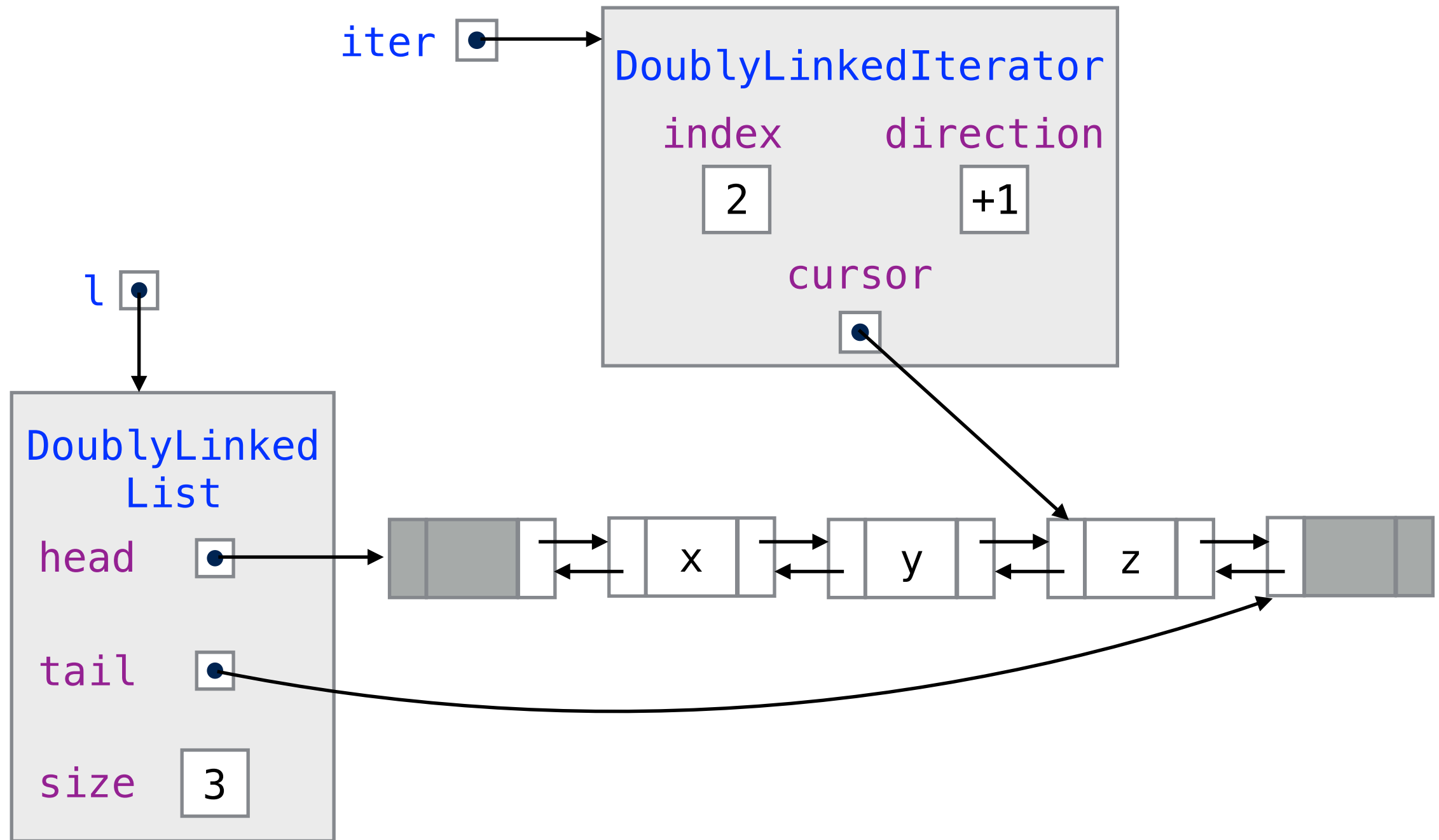




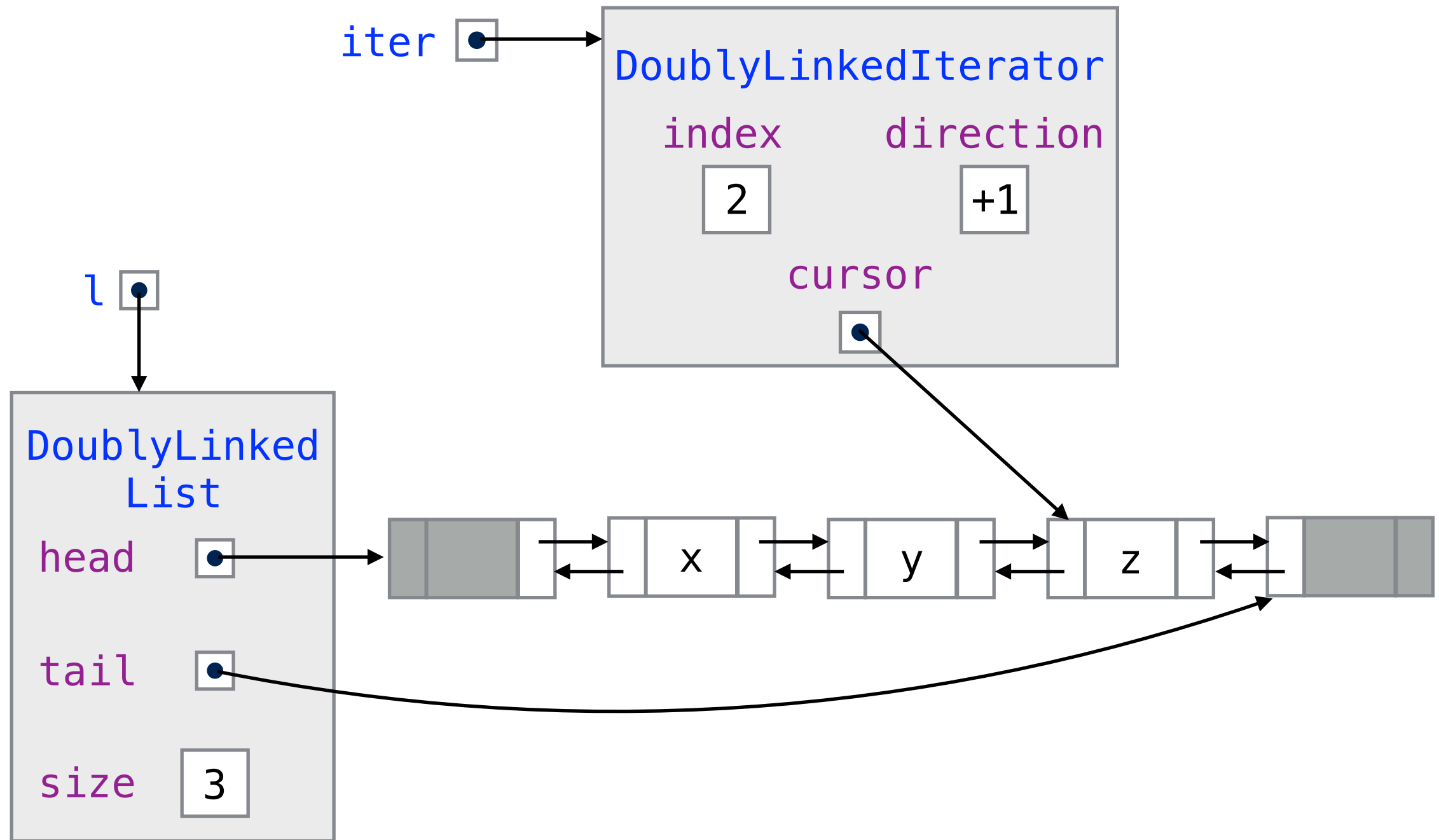
`iter.hasNext() == false`



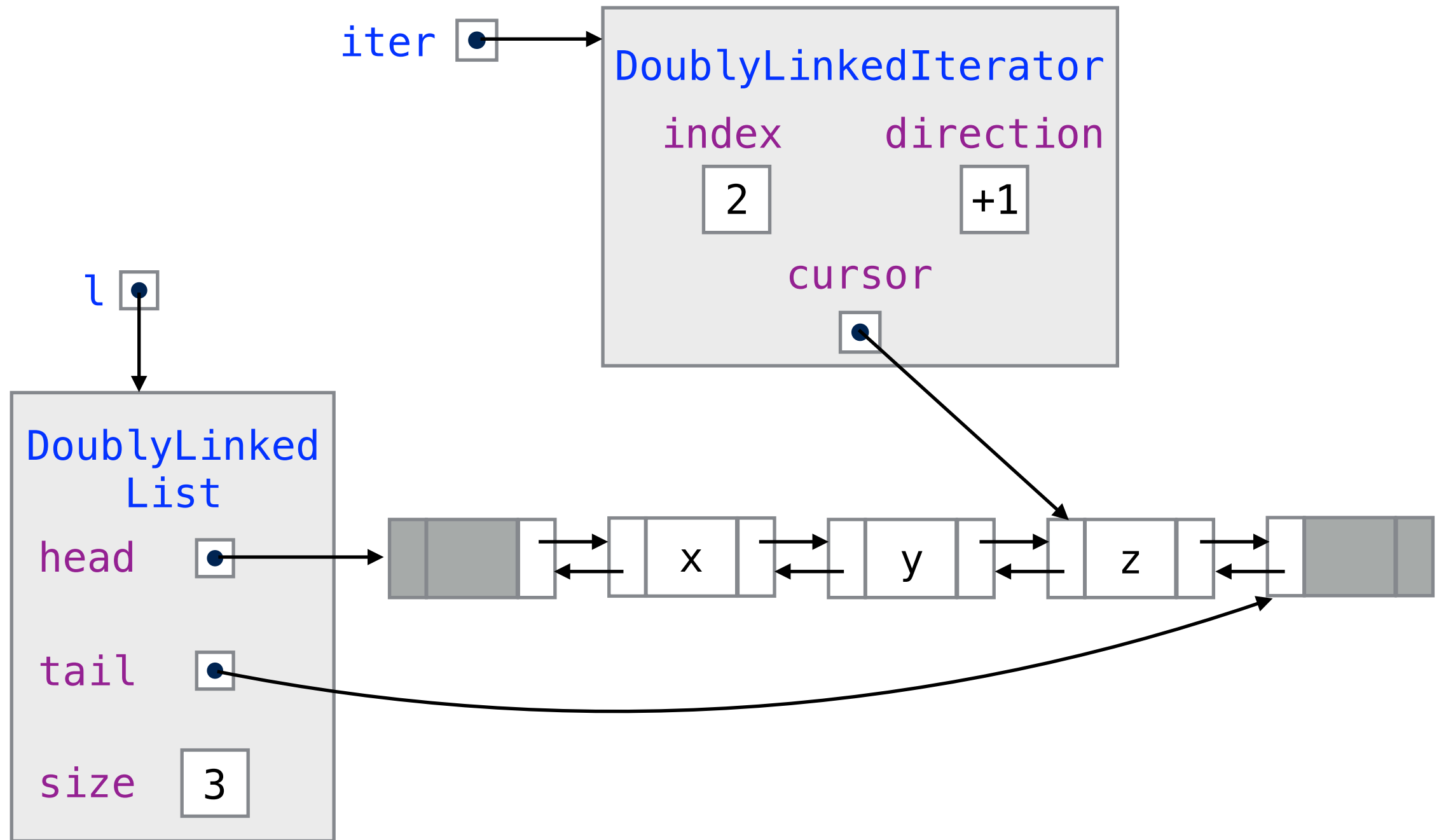
`iter.previous()`

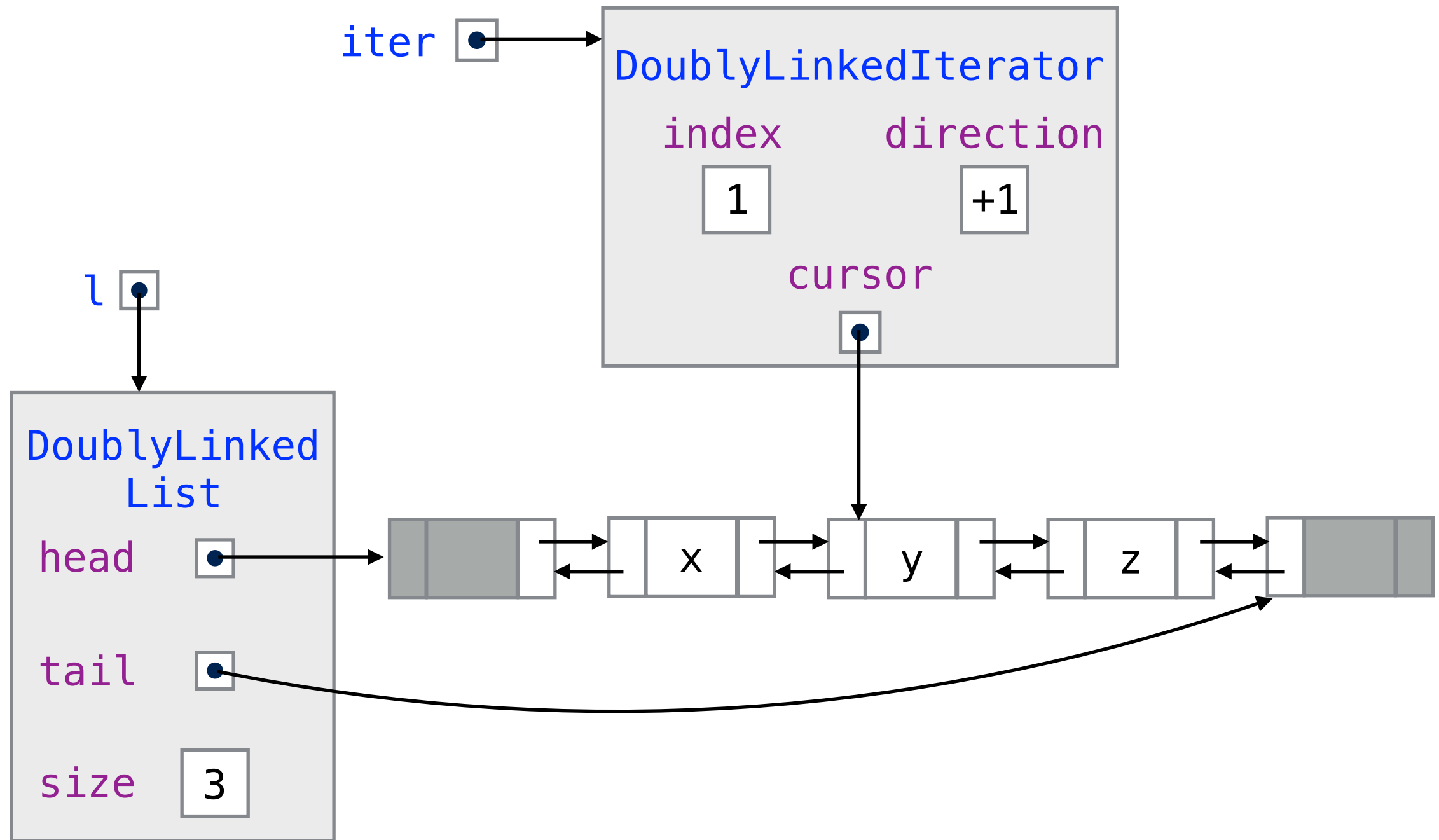


➡ z

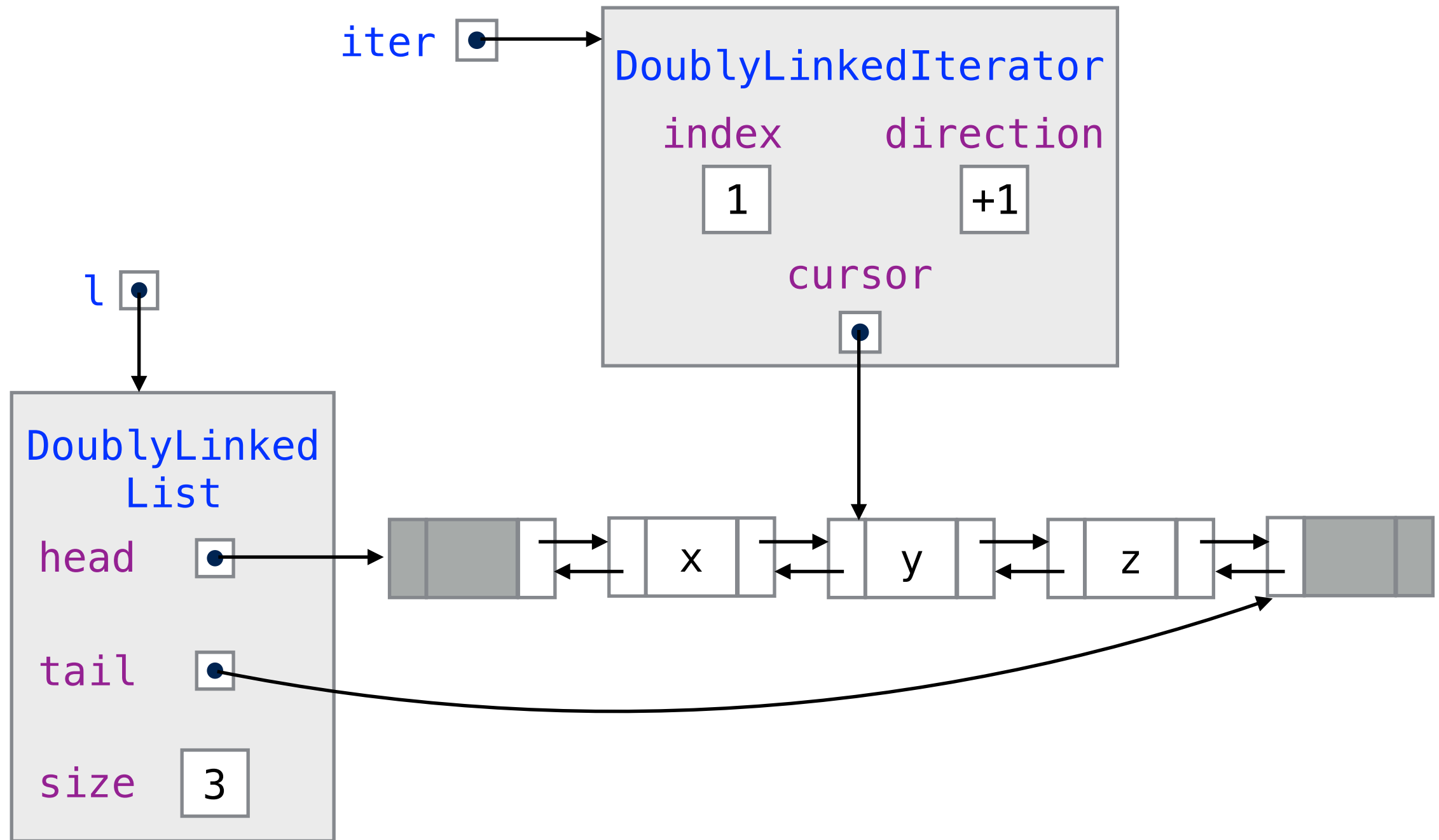


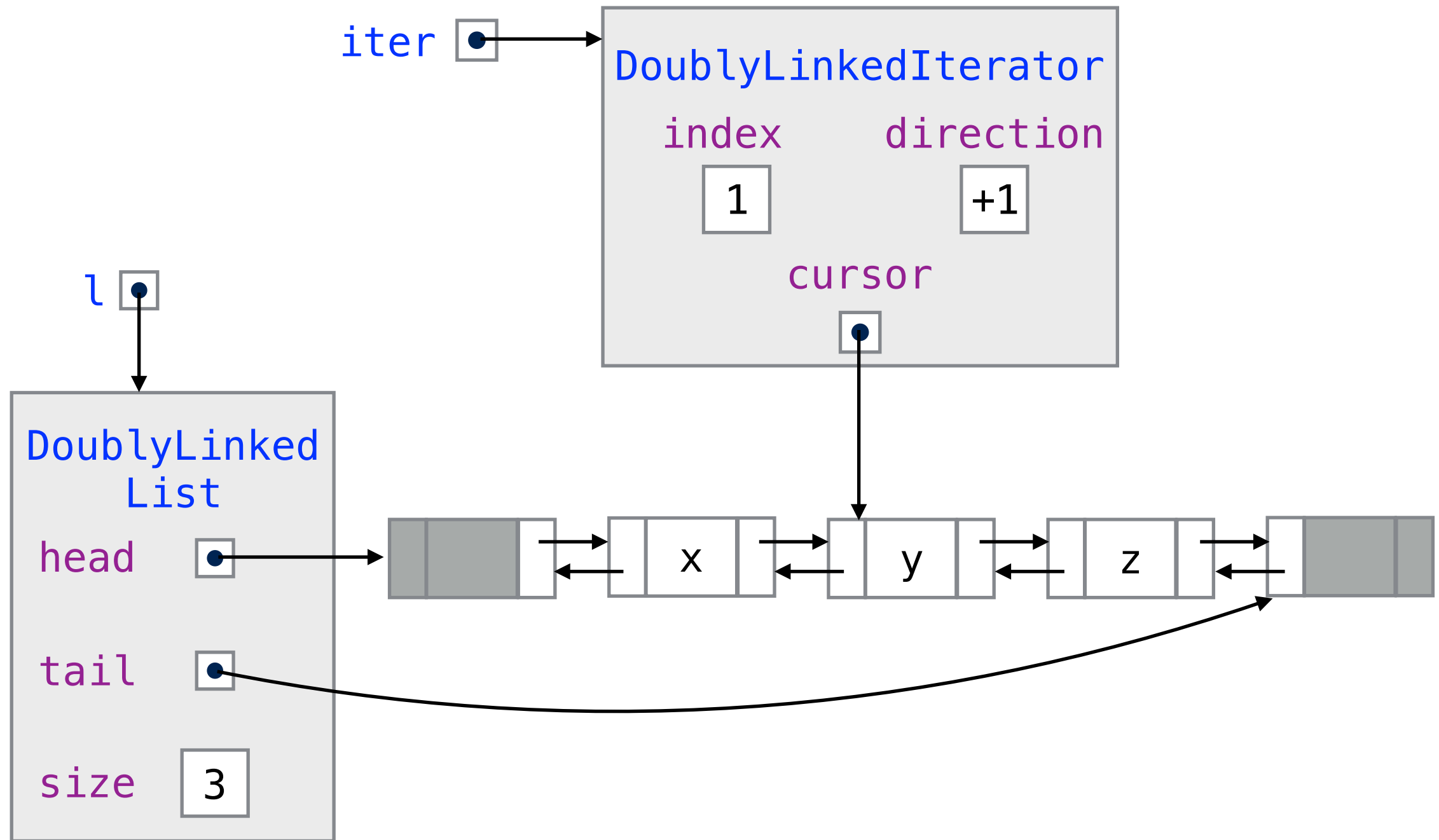


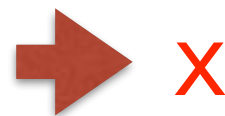
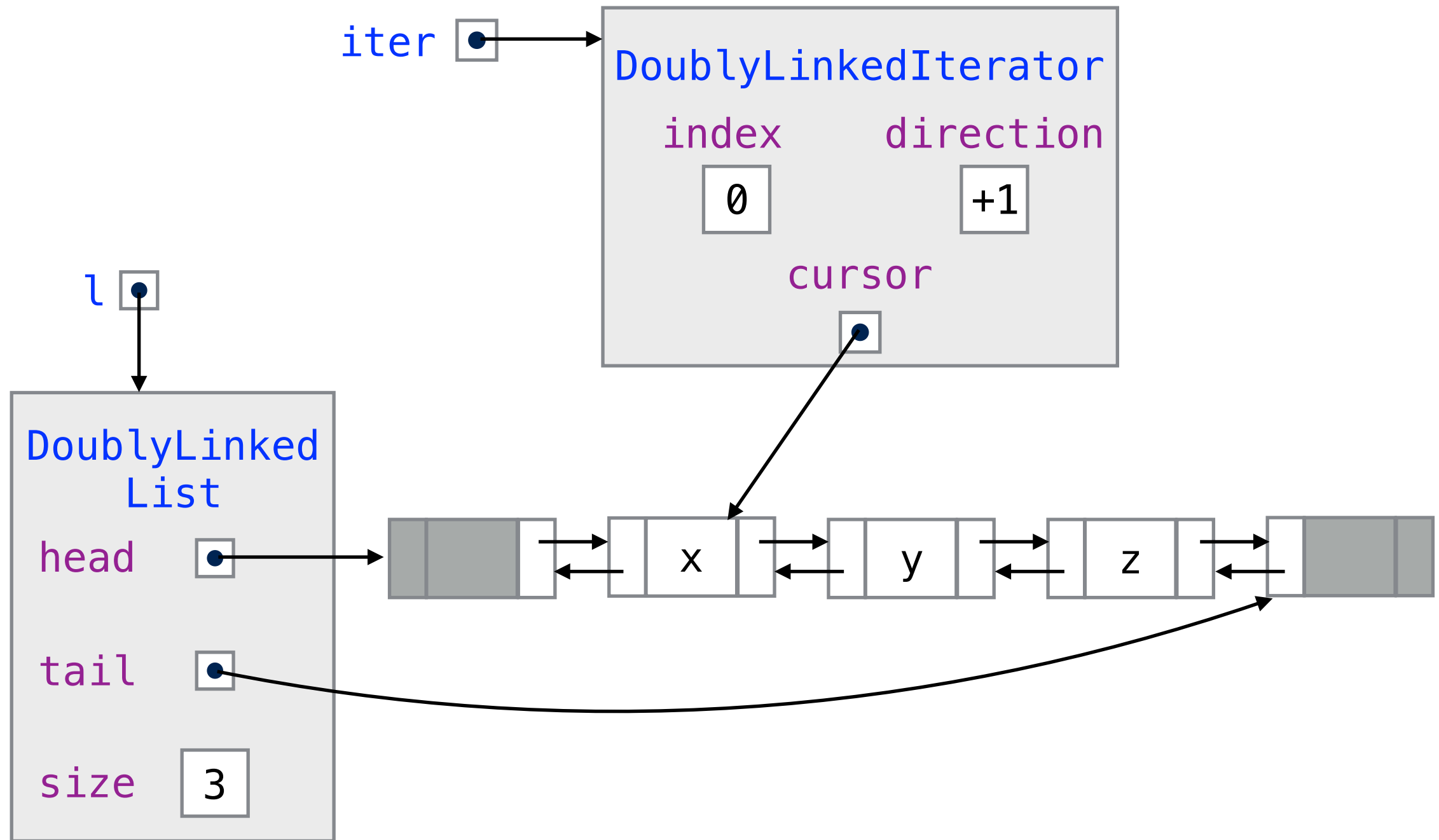


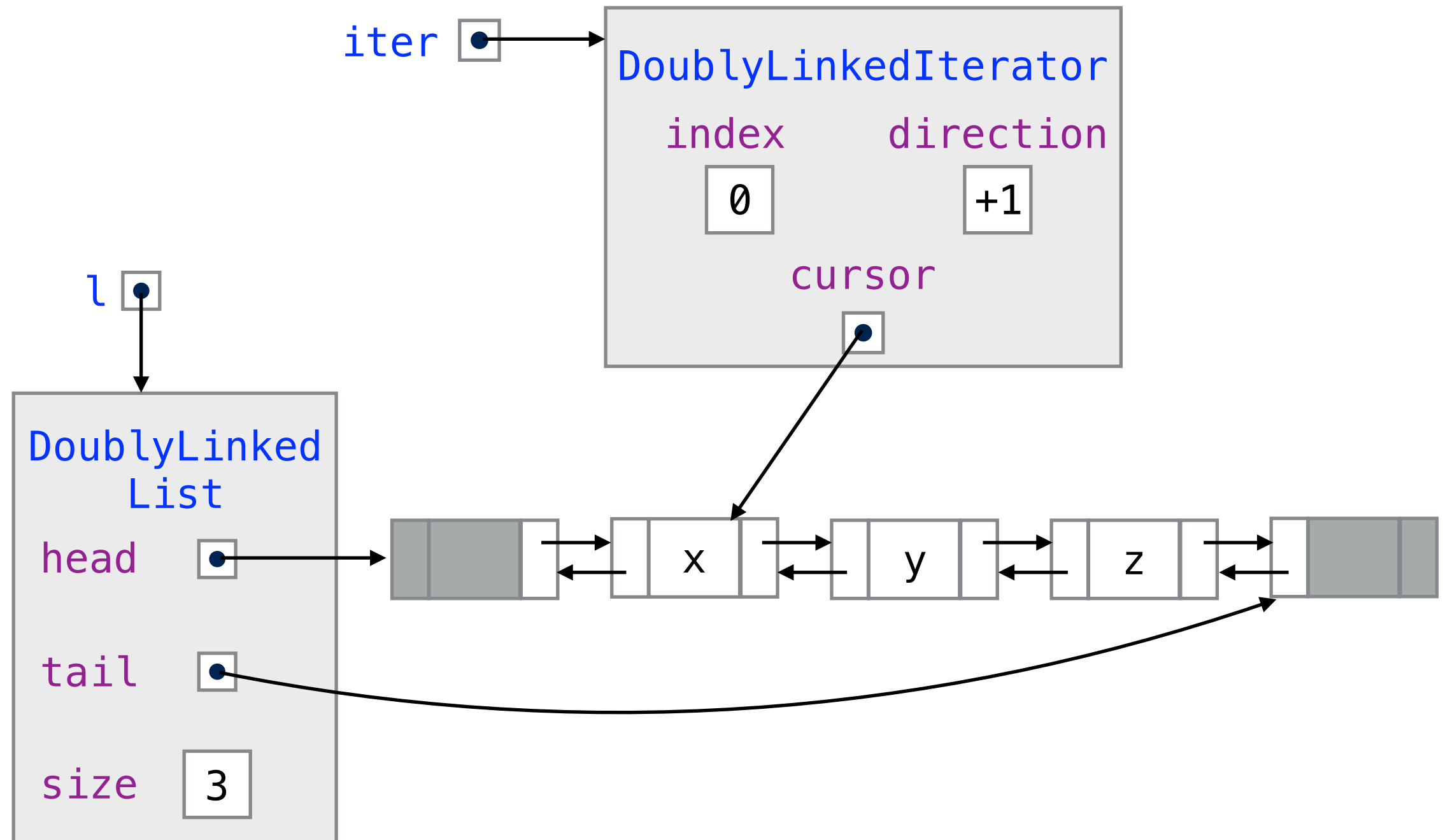


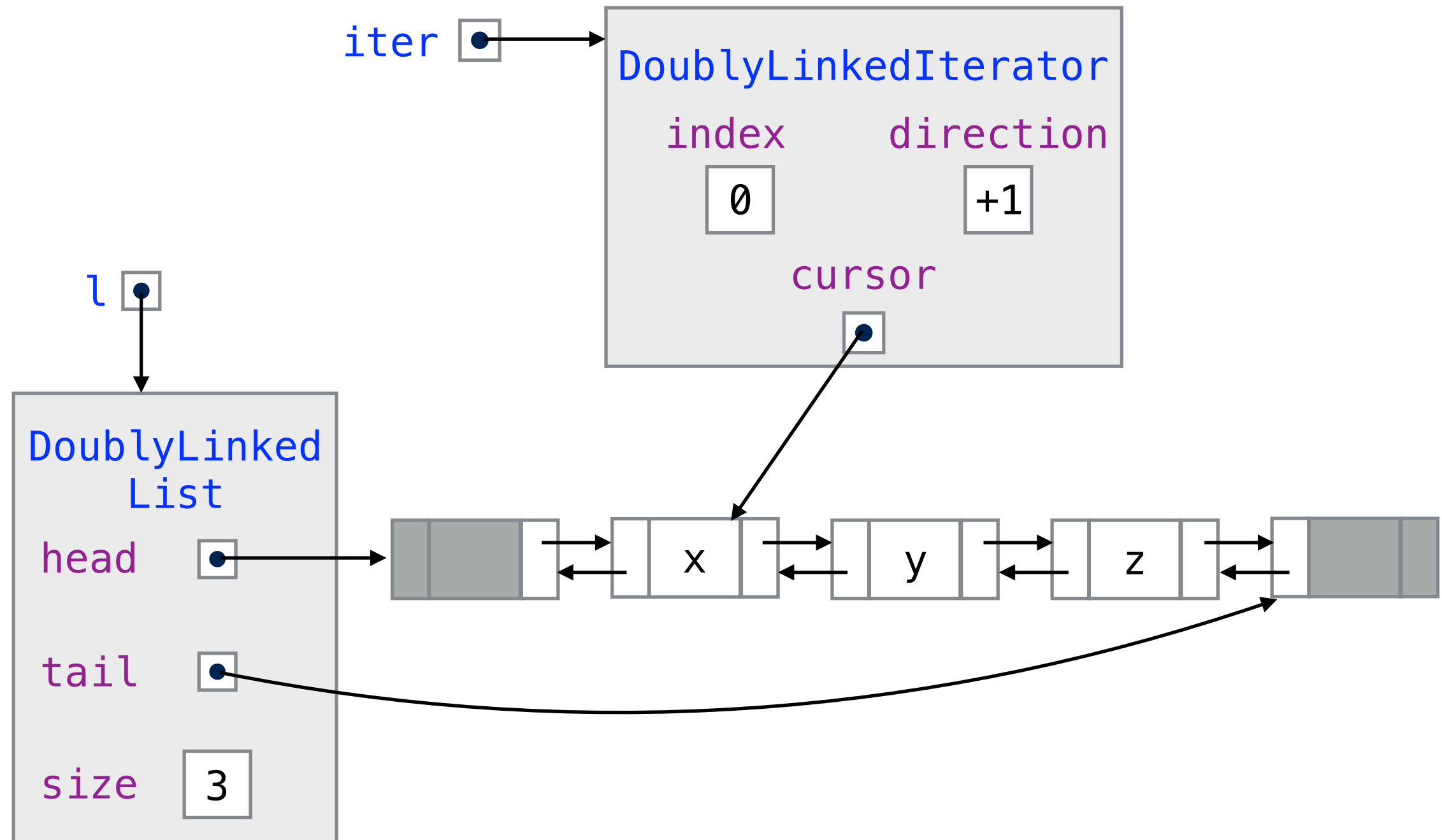
➡ y







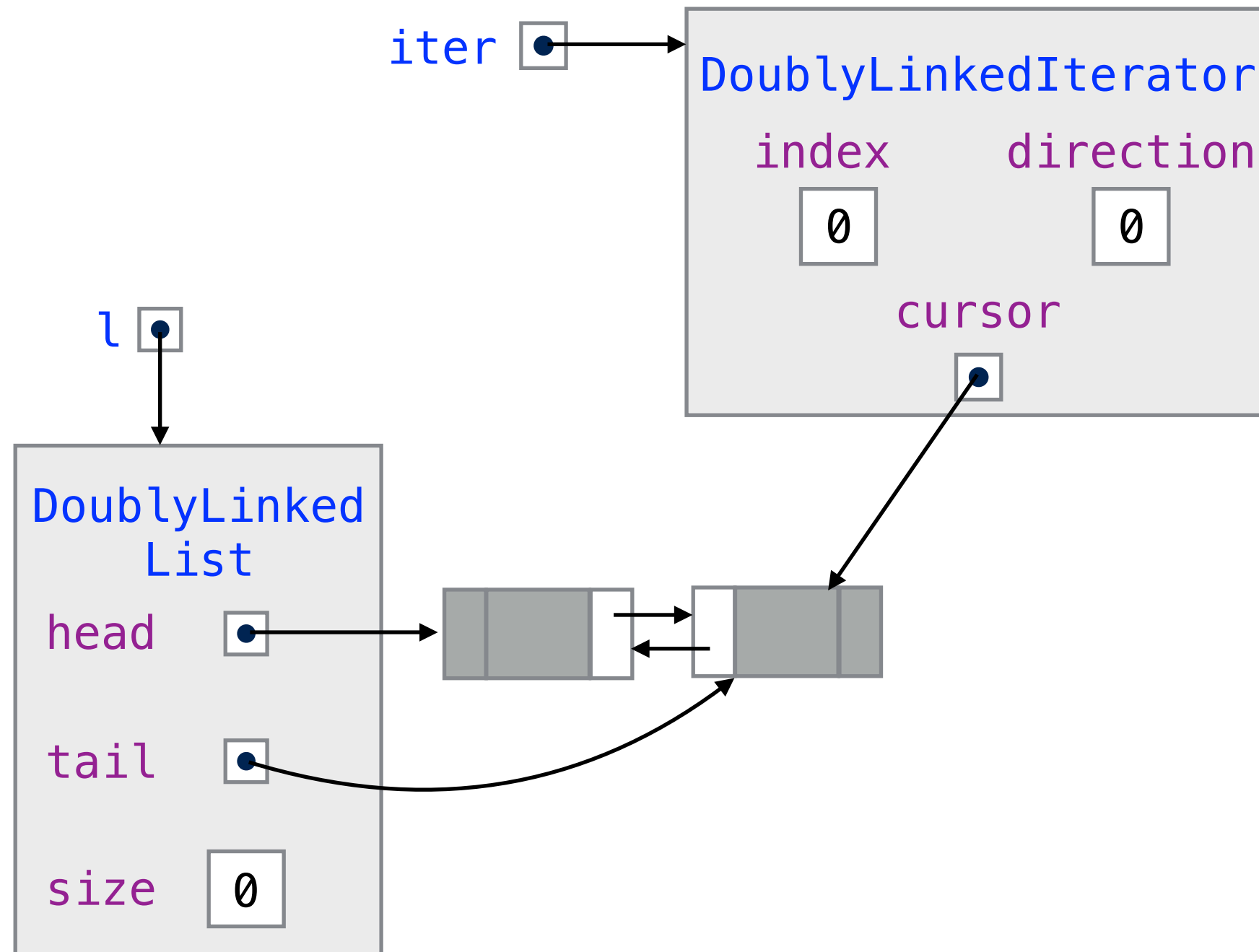


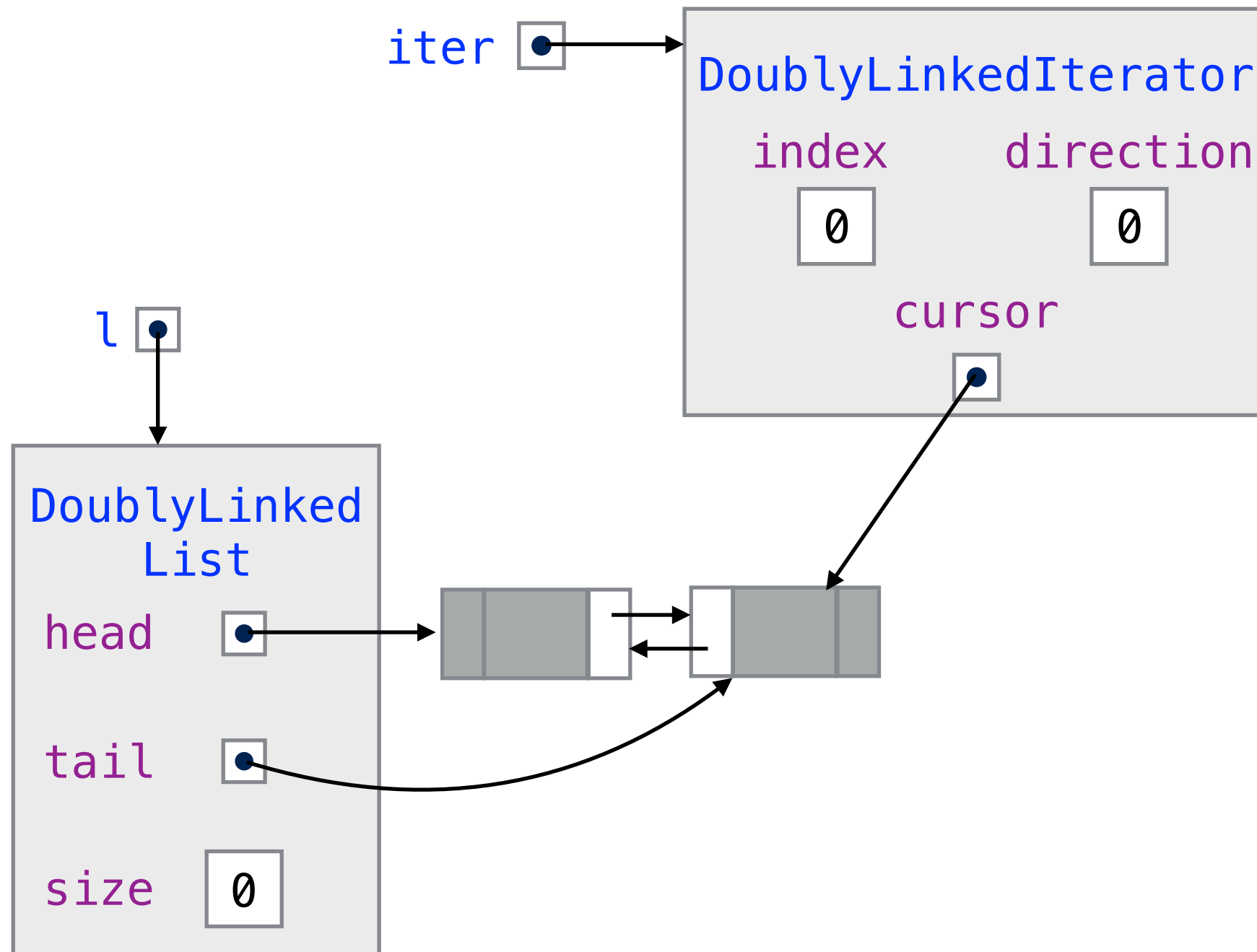


`iter.hasPrevious() == false`

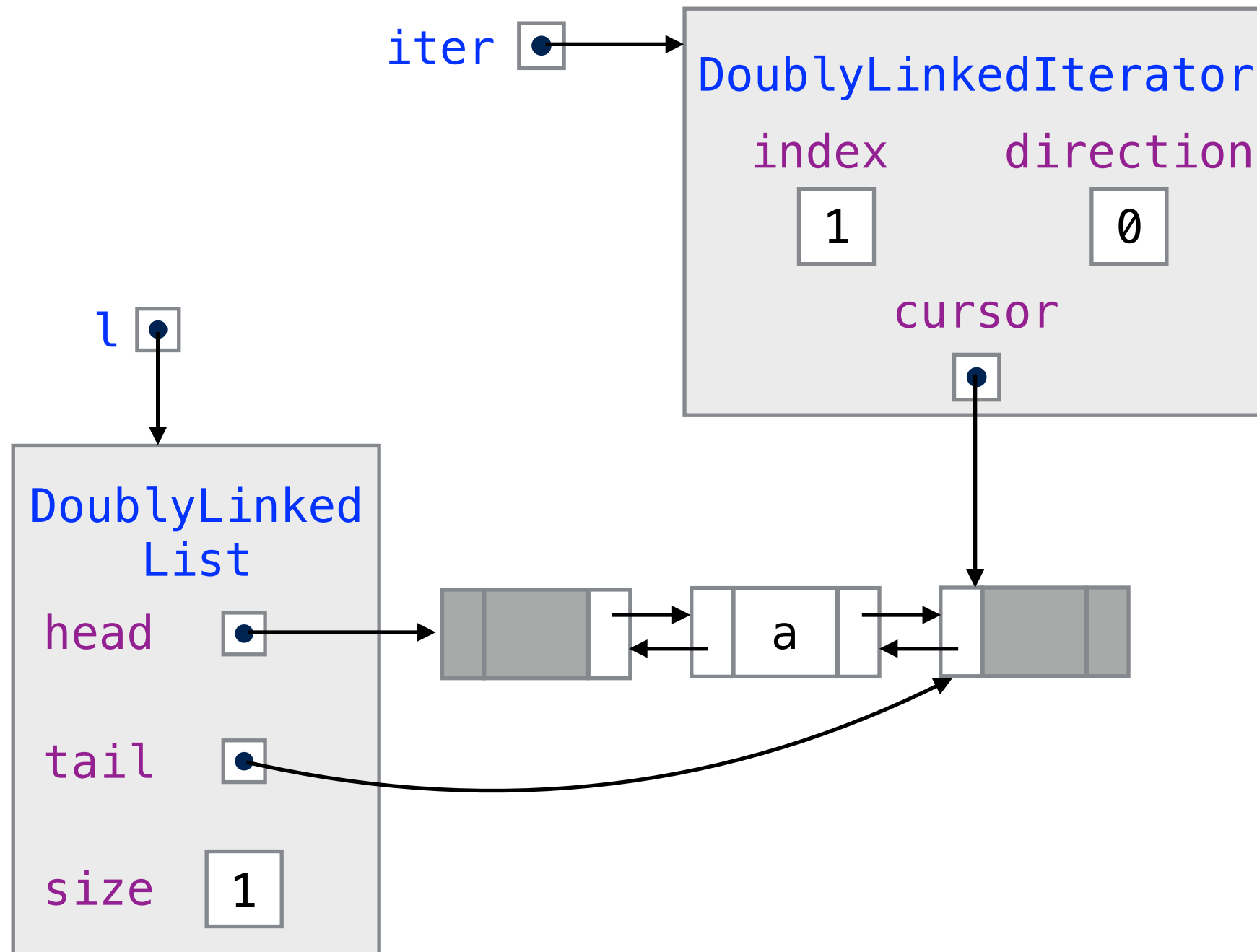
Iterators: add ( )

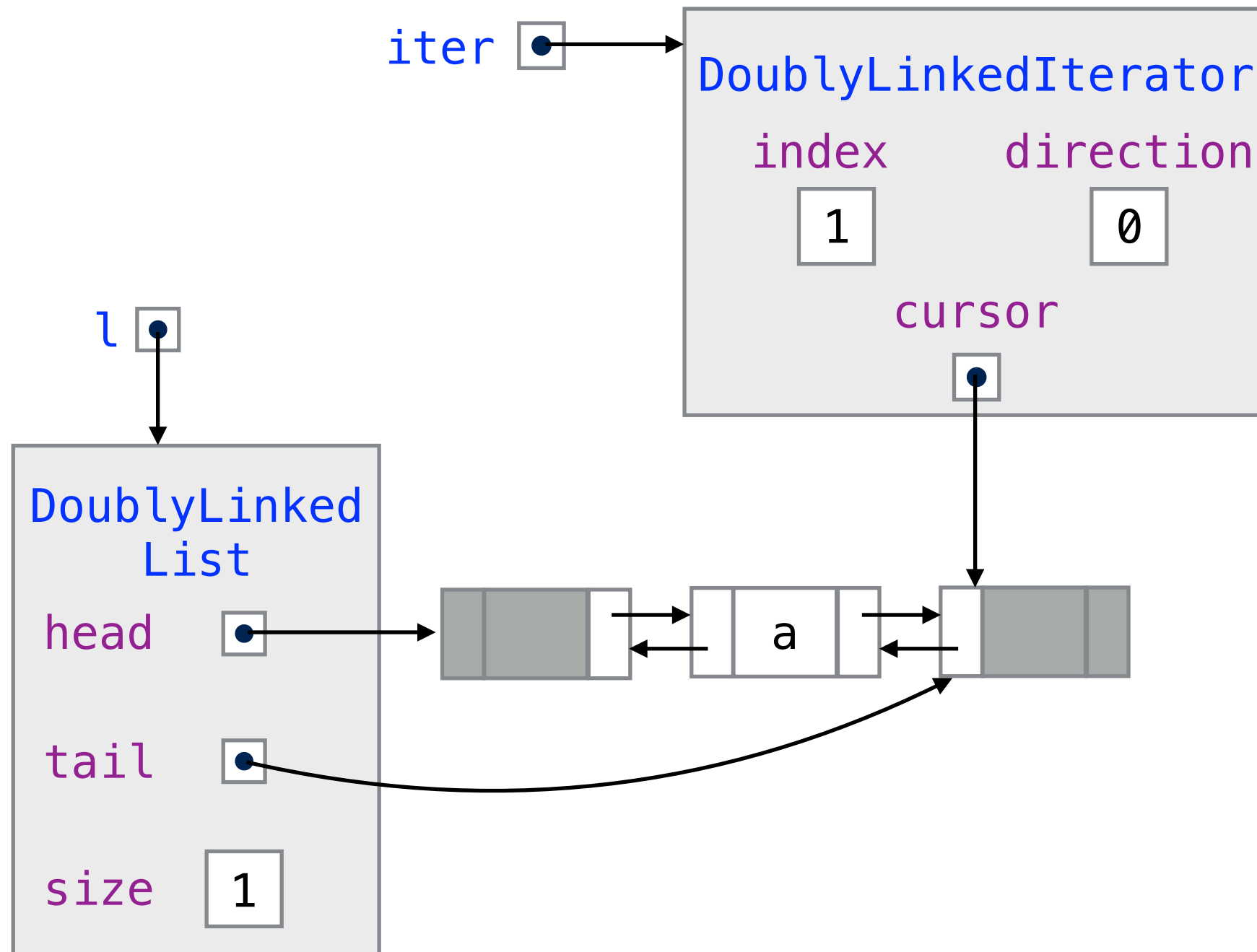




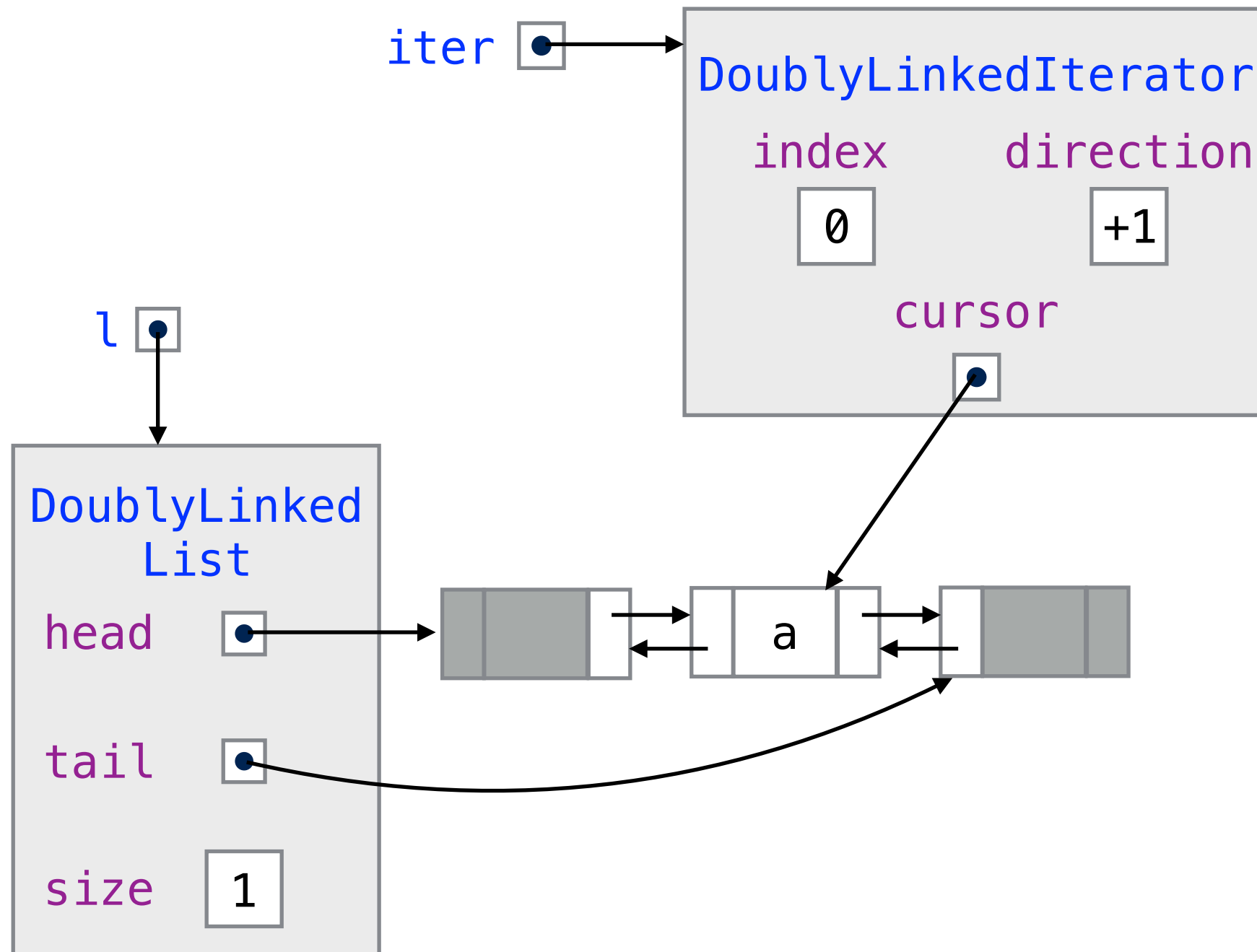


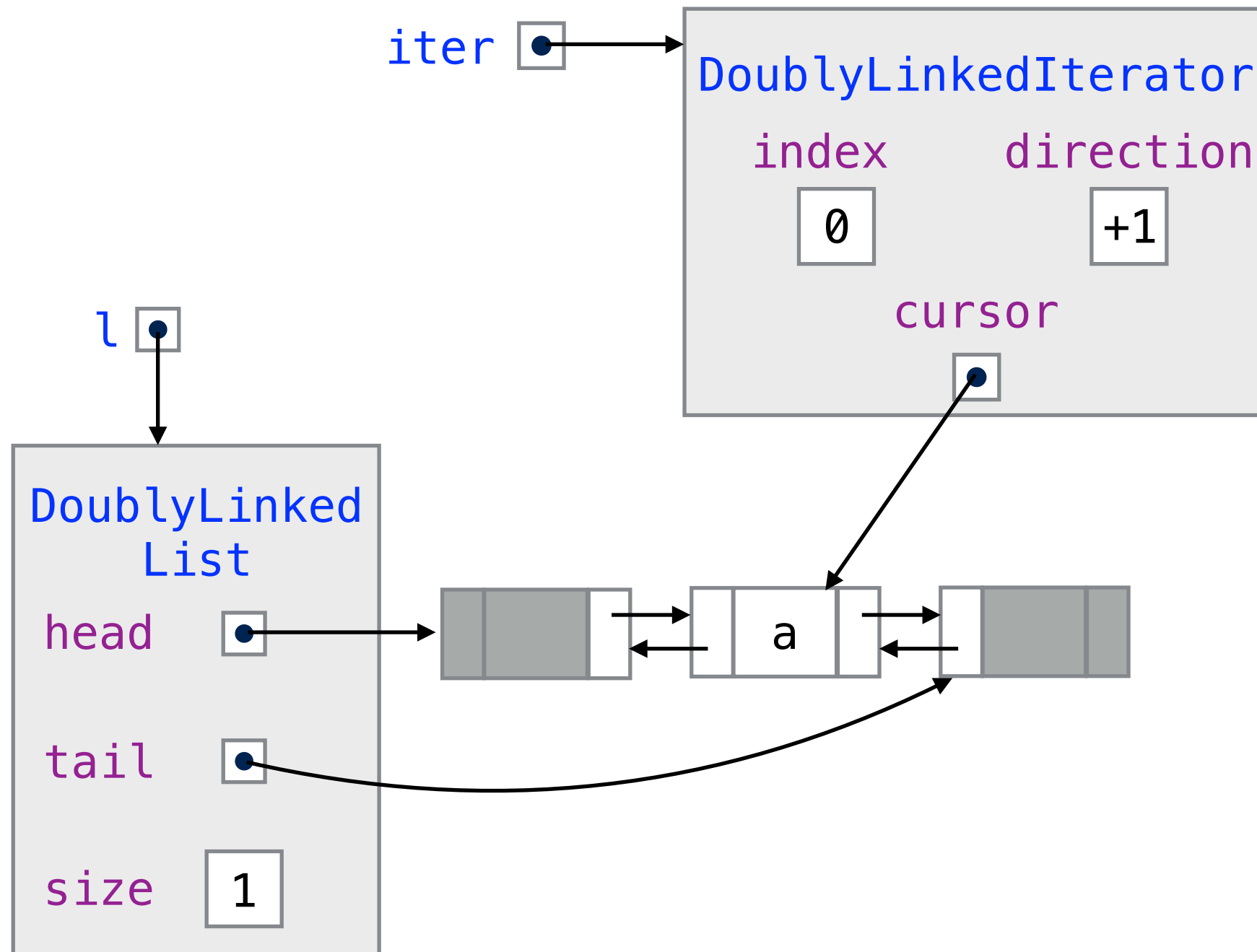
`iter.add("a")`



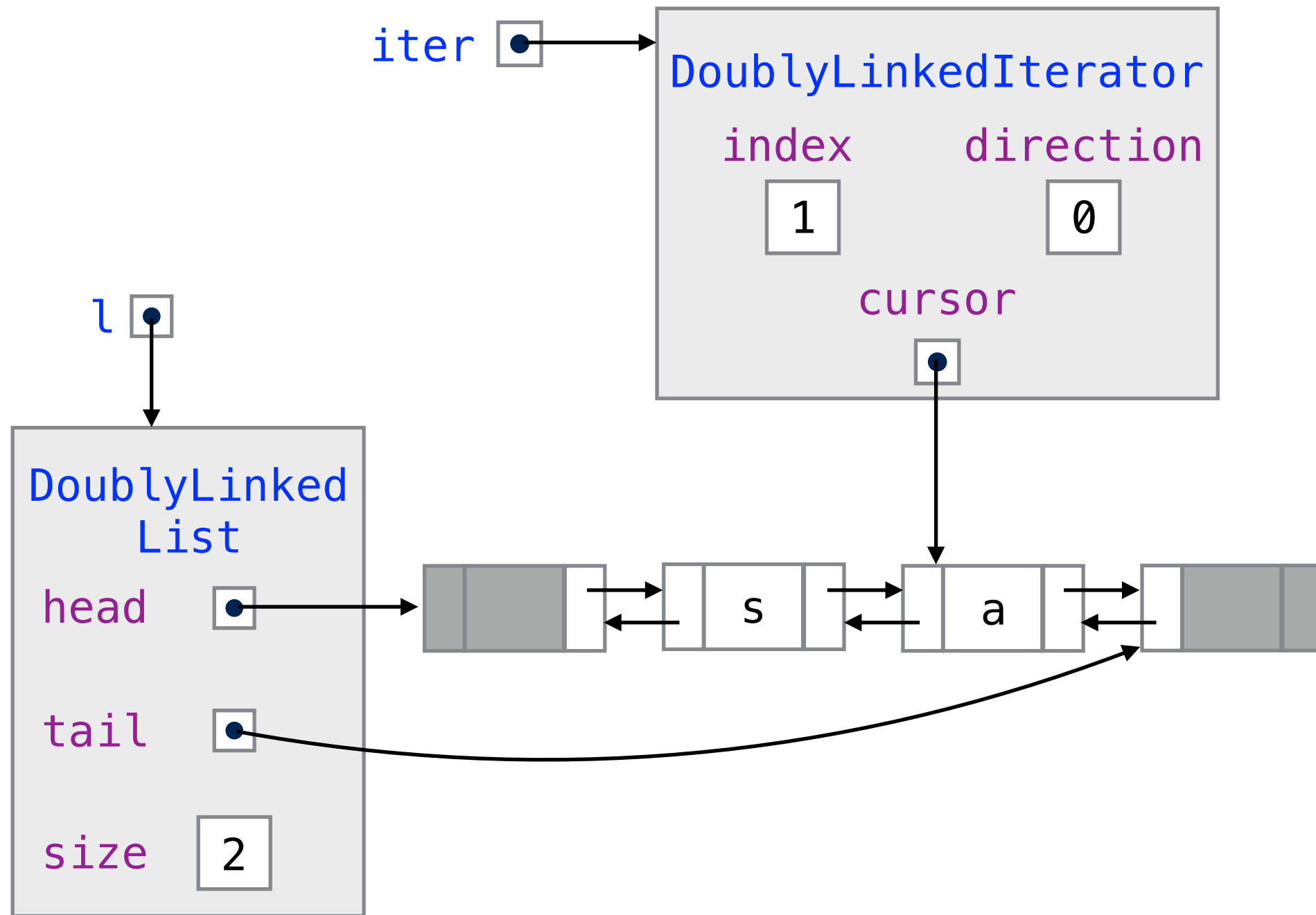


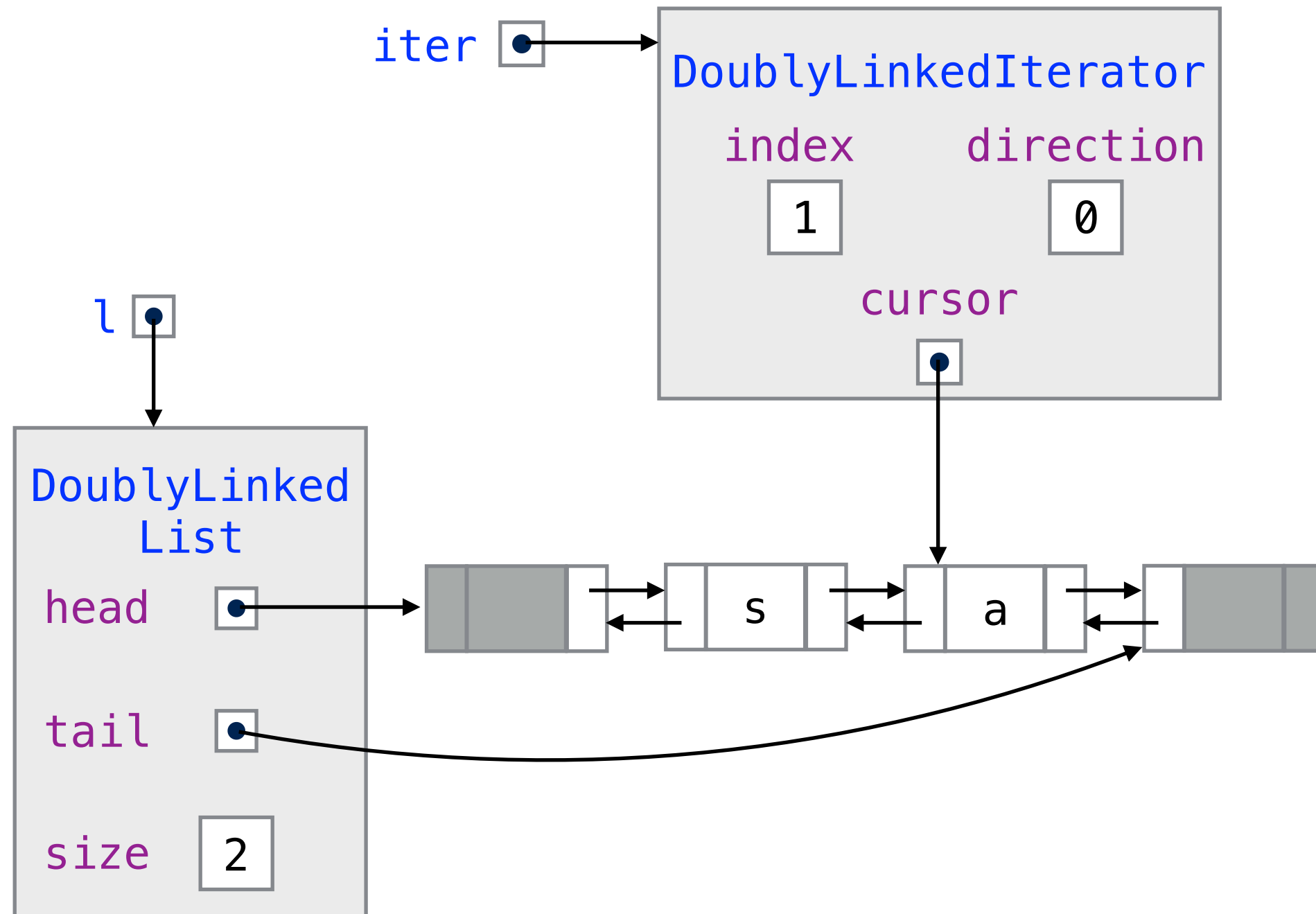
`iter.previous()`





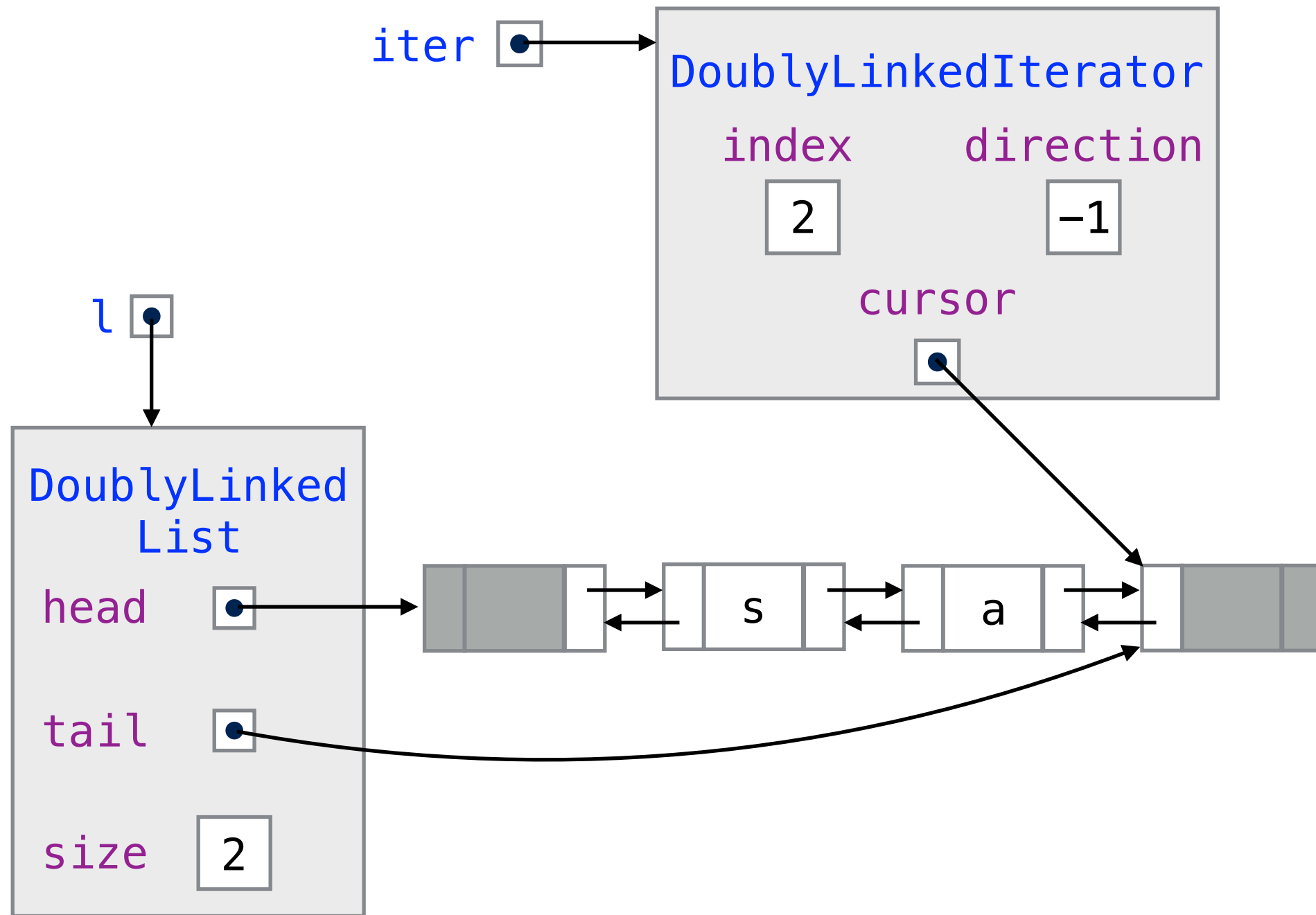
`iter.add("s")`

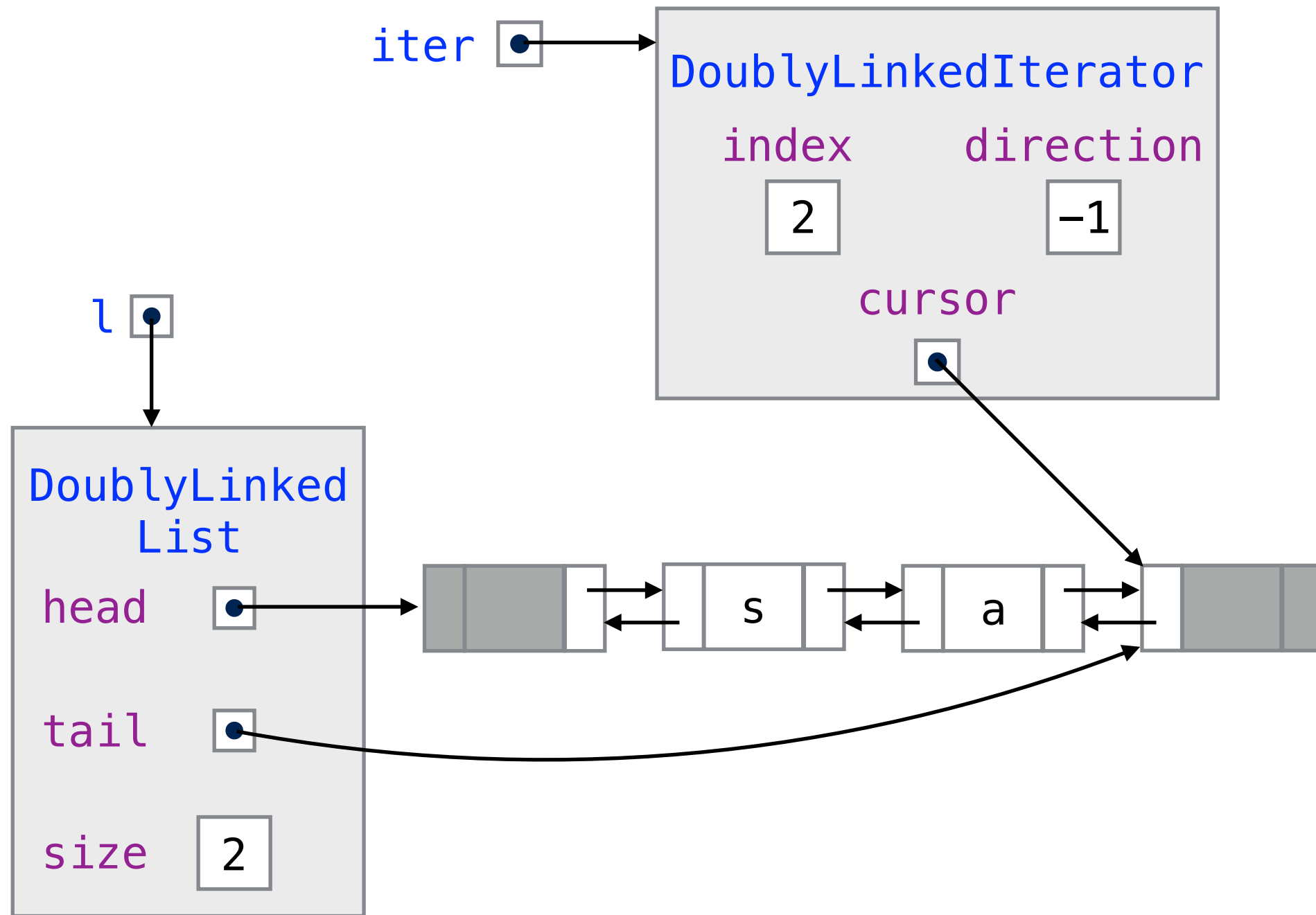




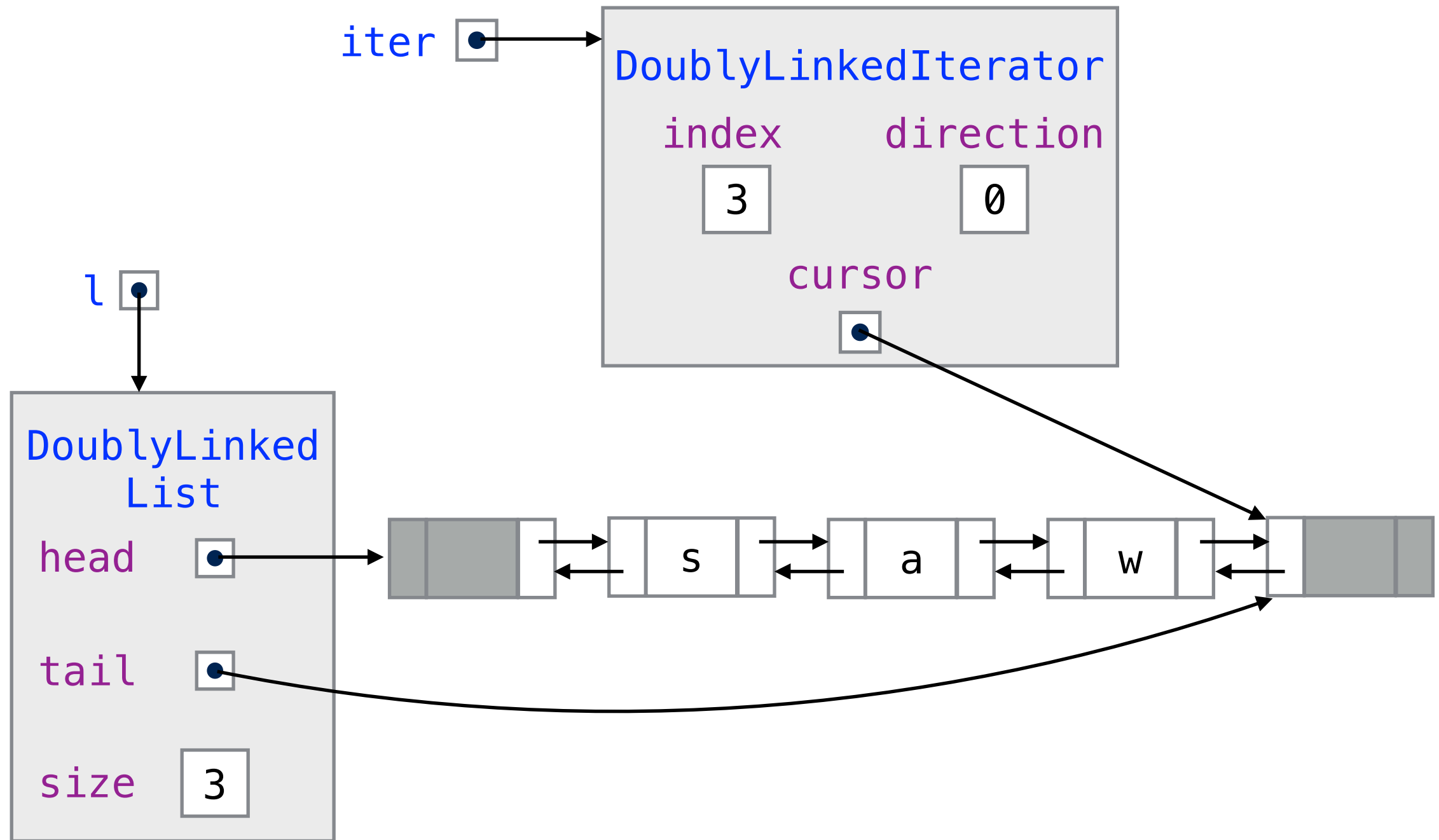
`iter.next()`



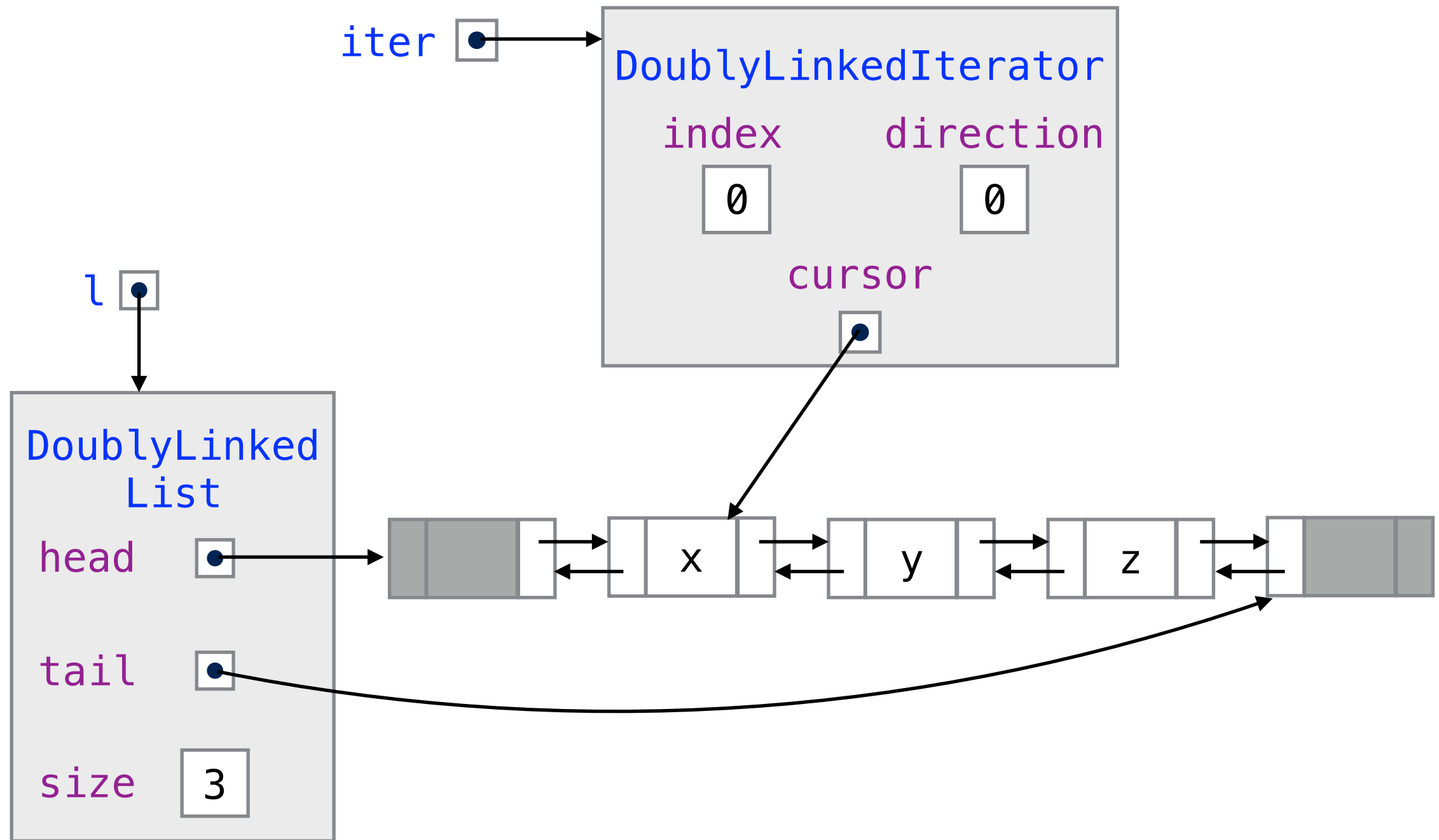


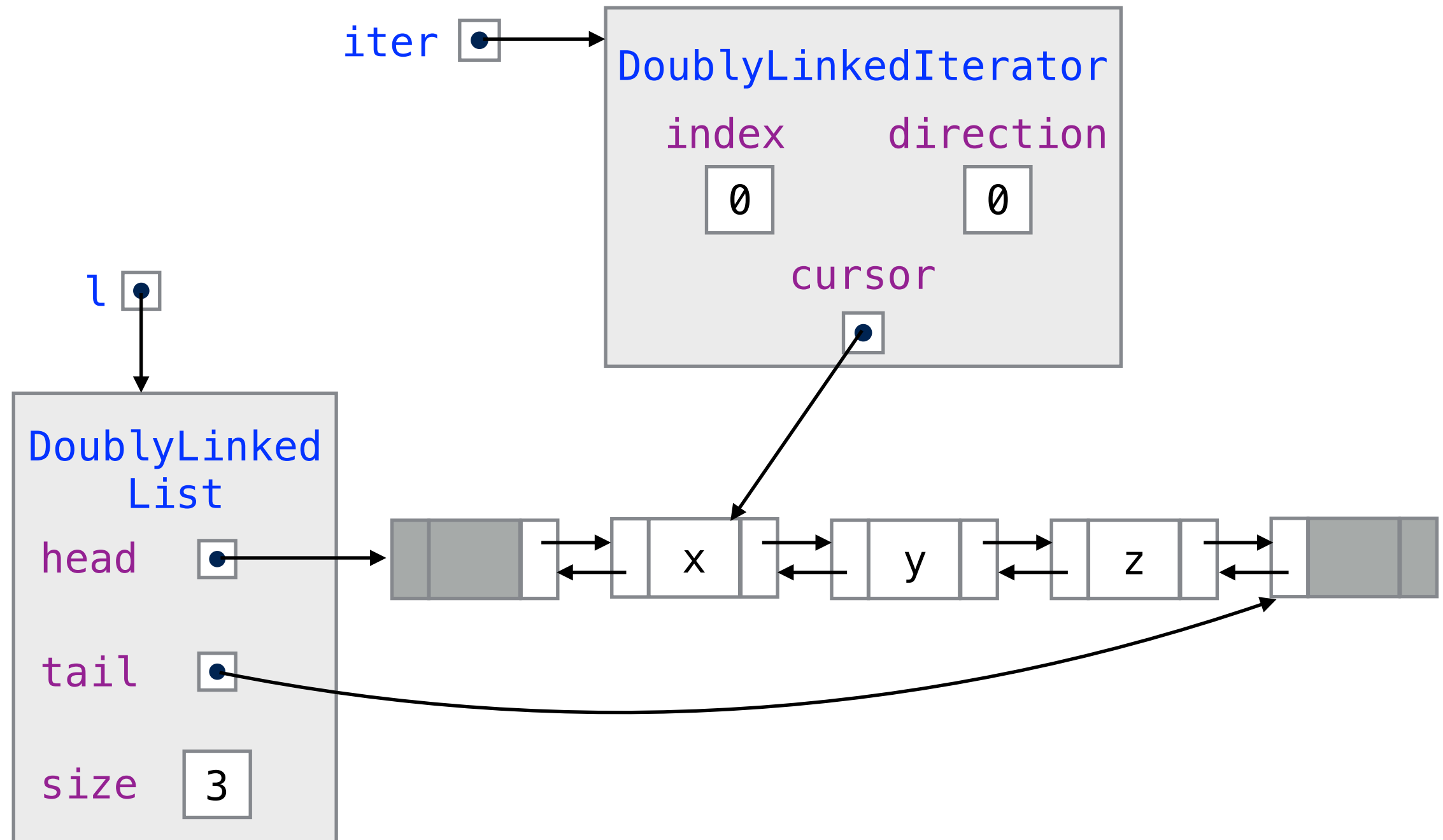


`iter.add("w")`

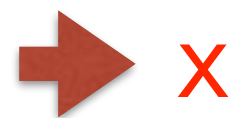
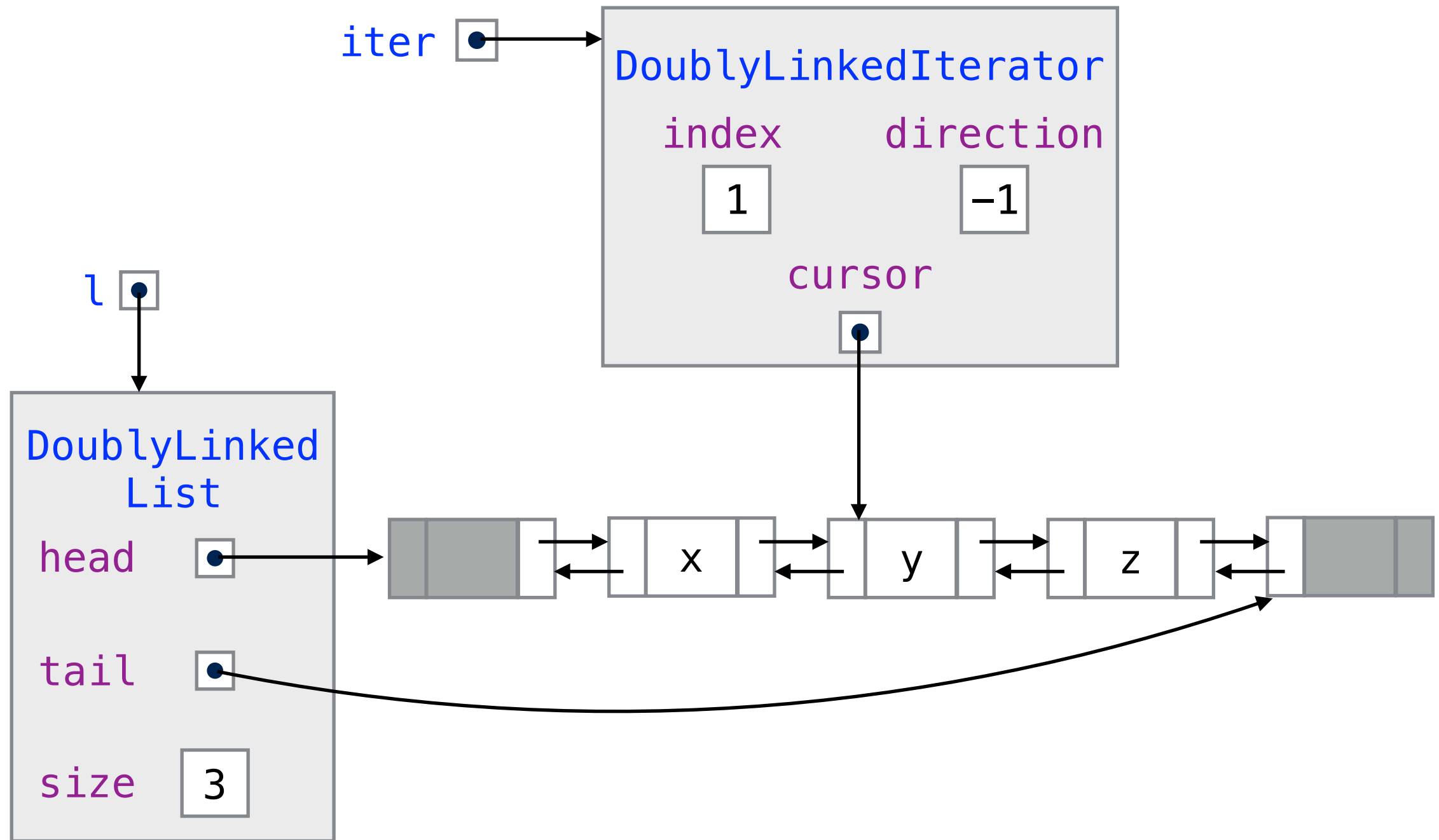


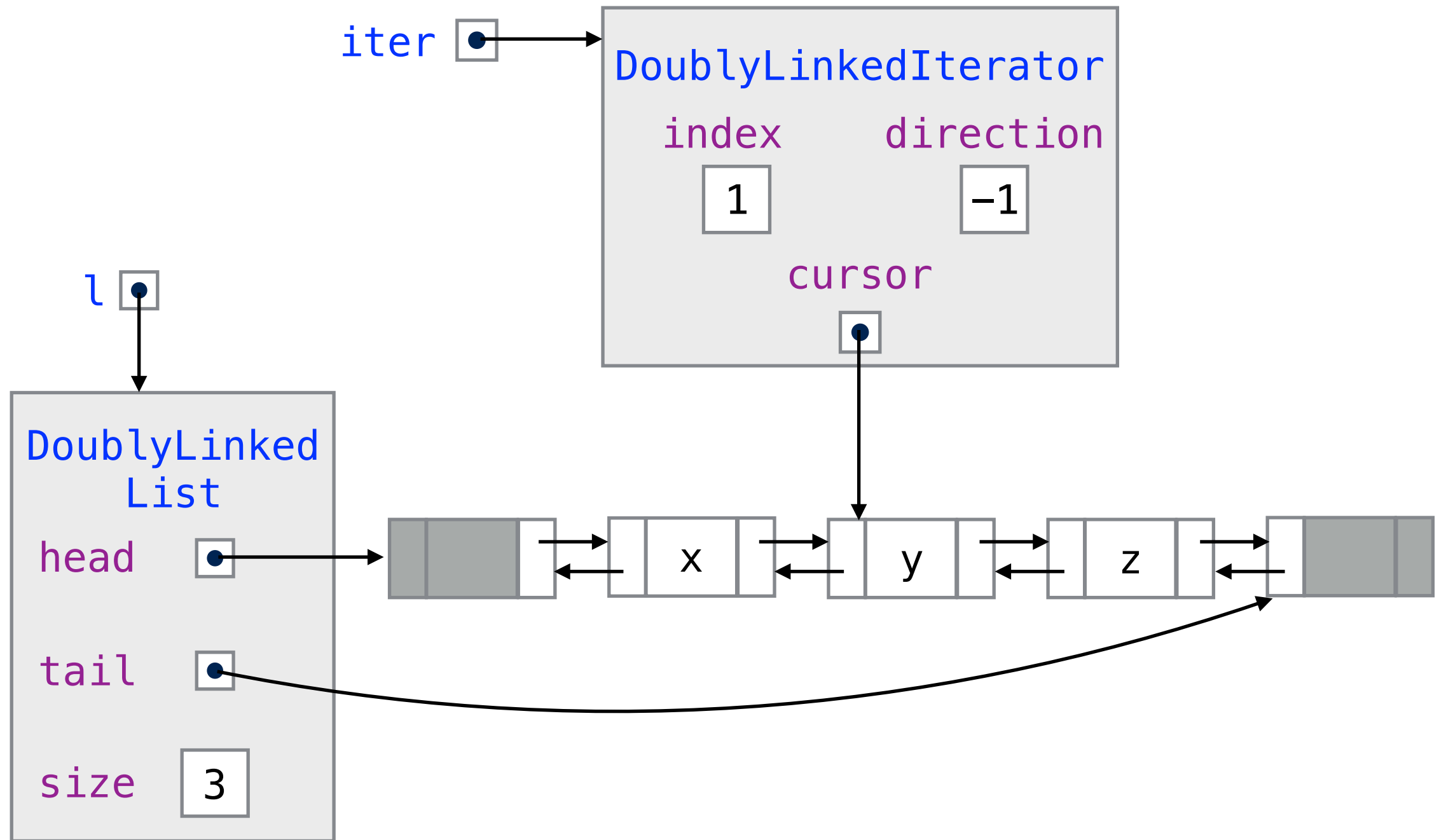
Iterators: `remove()`



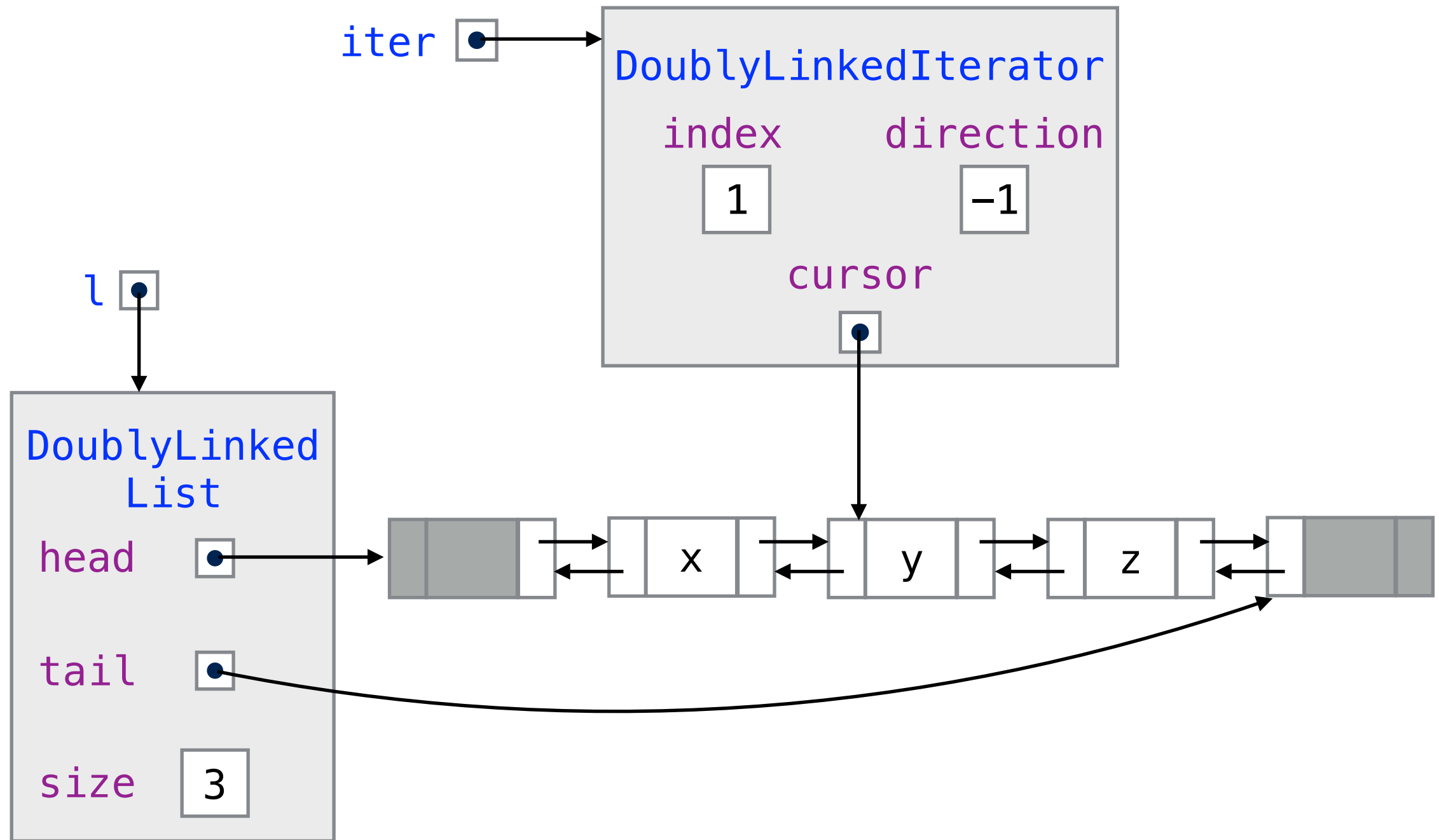


`iter.next()`

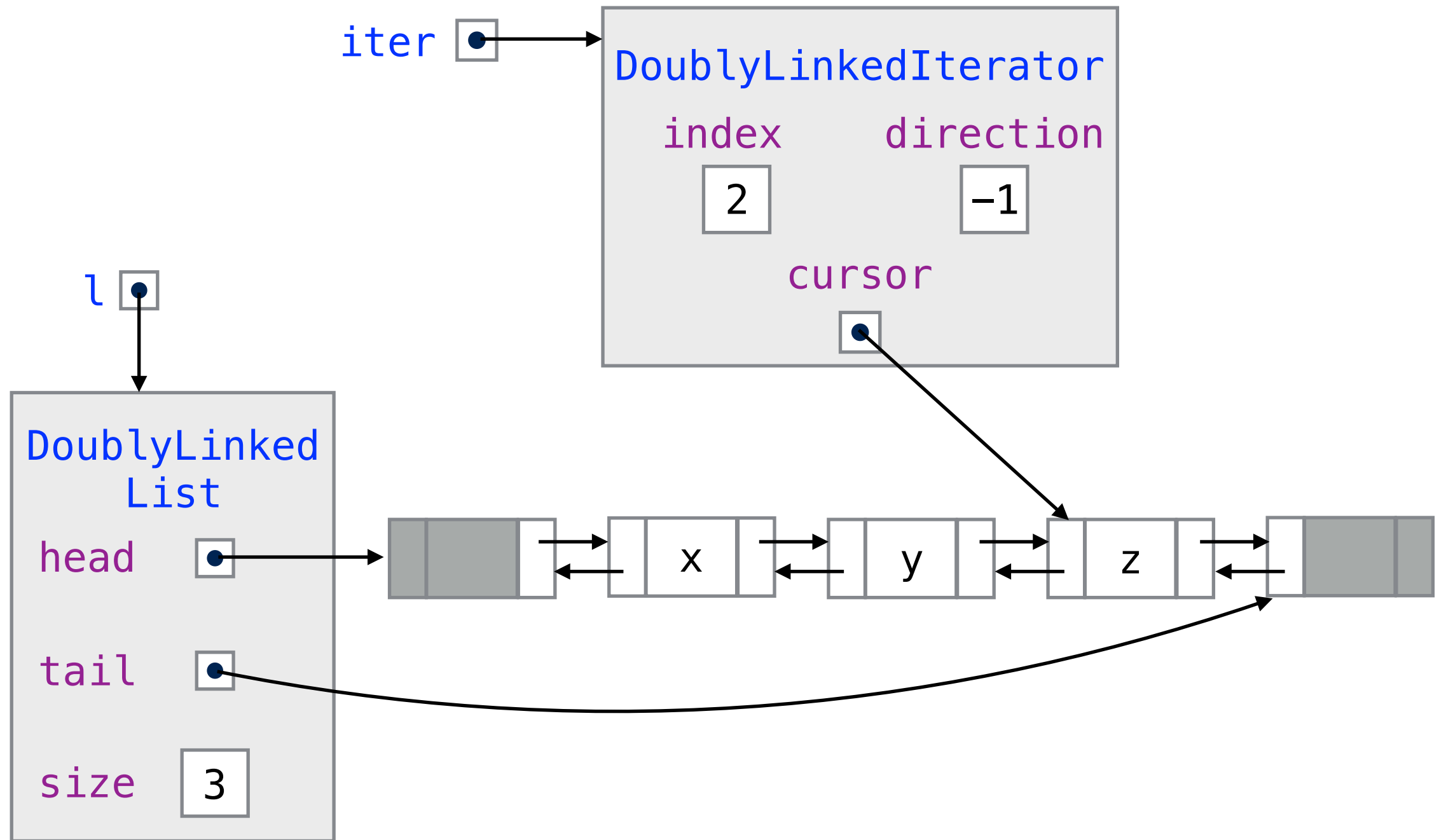




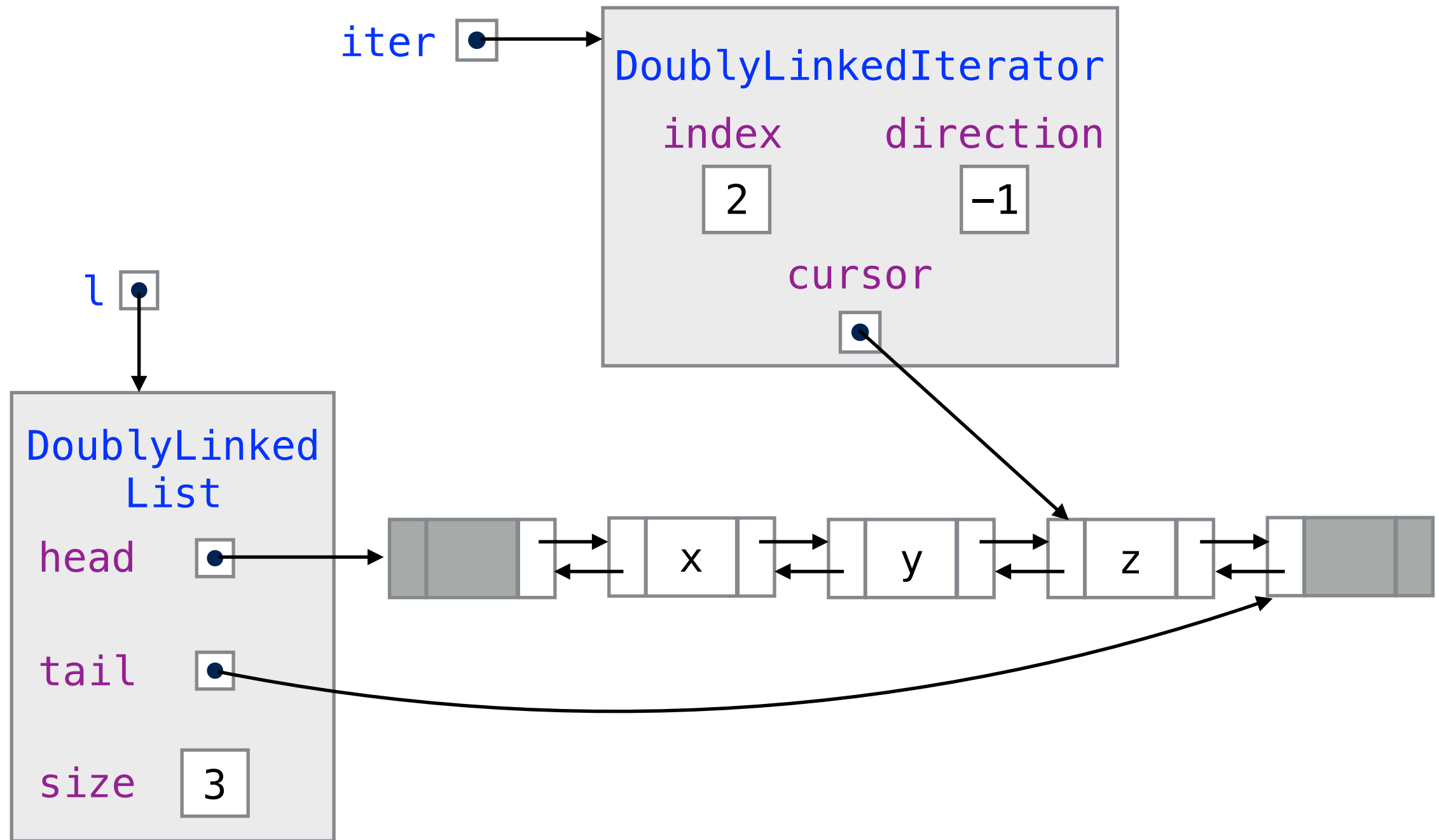


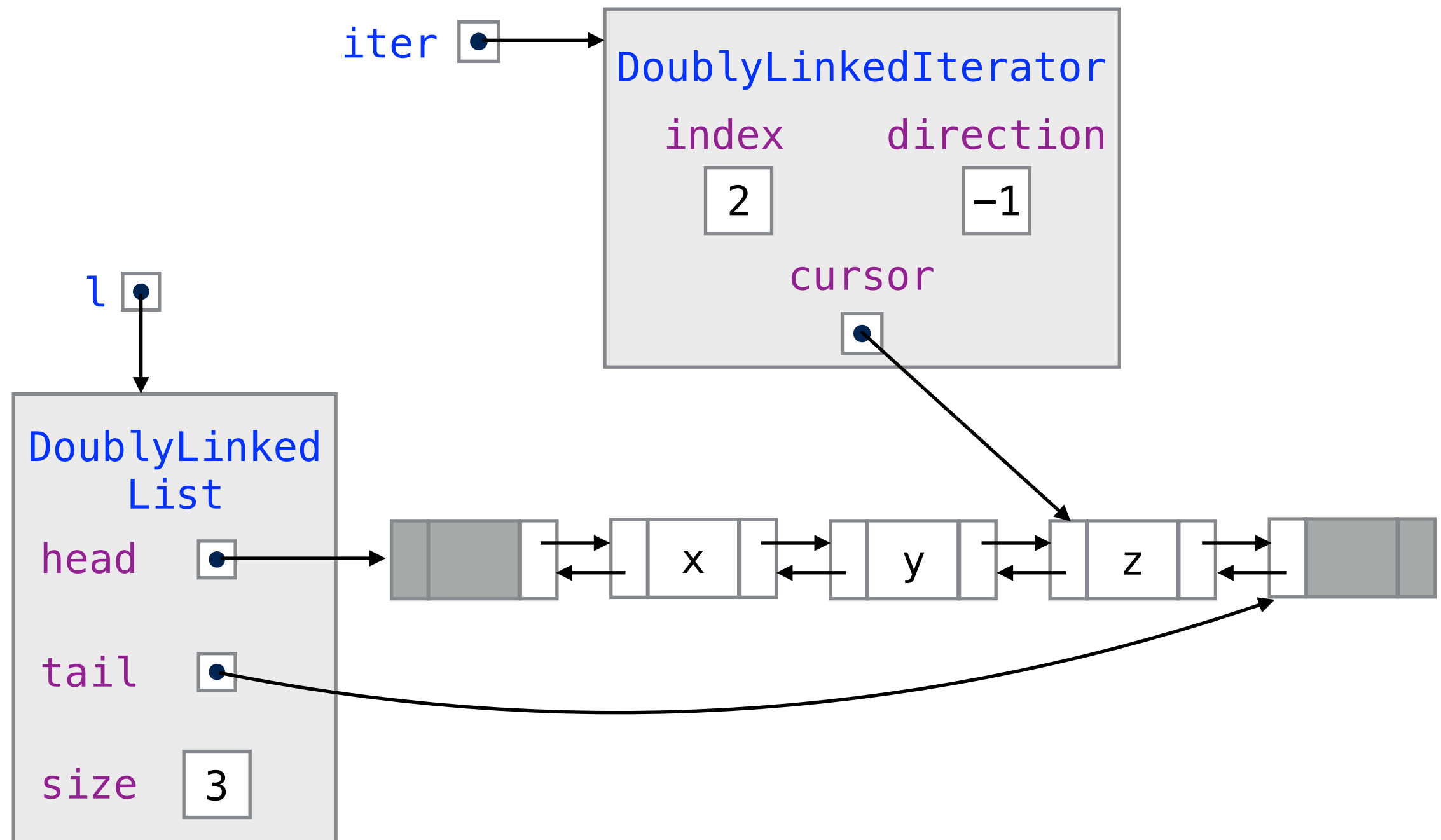


`iter.next()`

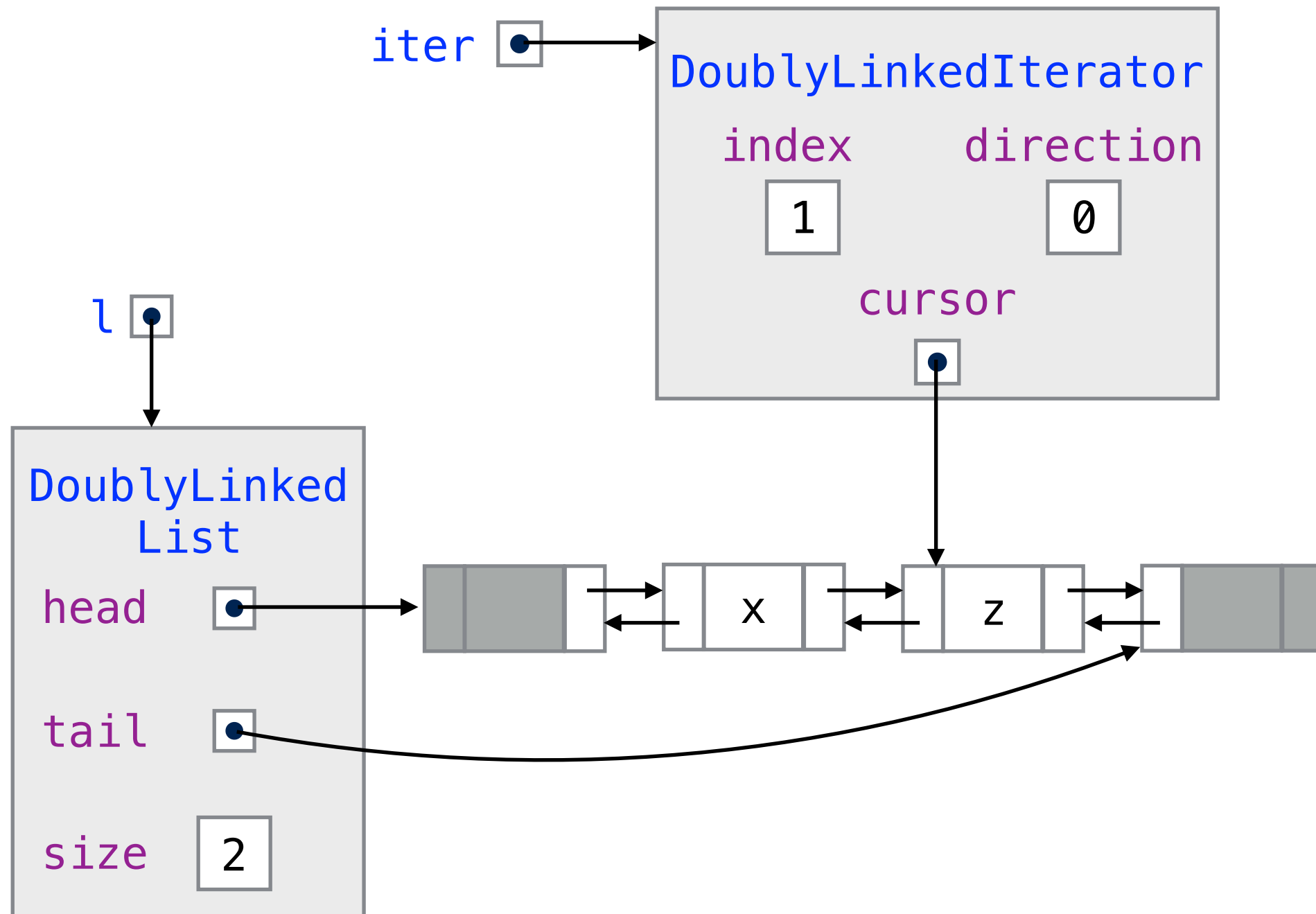


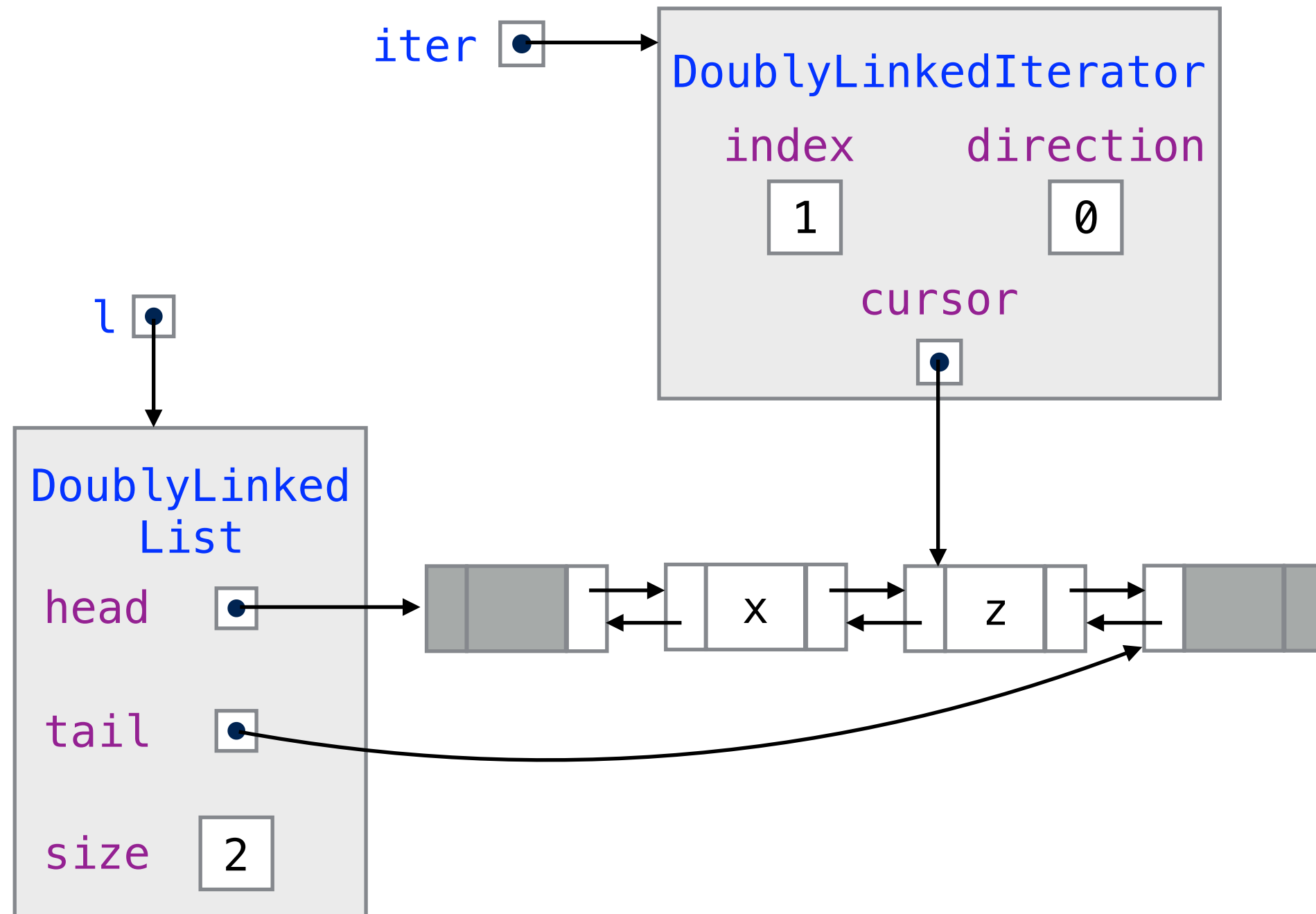
➡ y



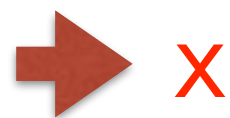
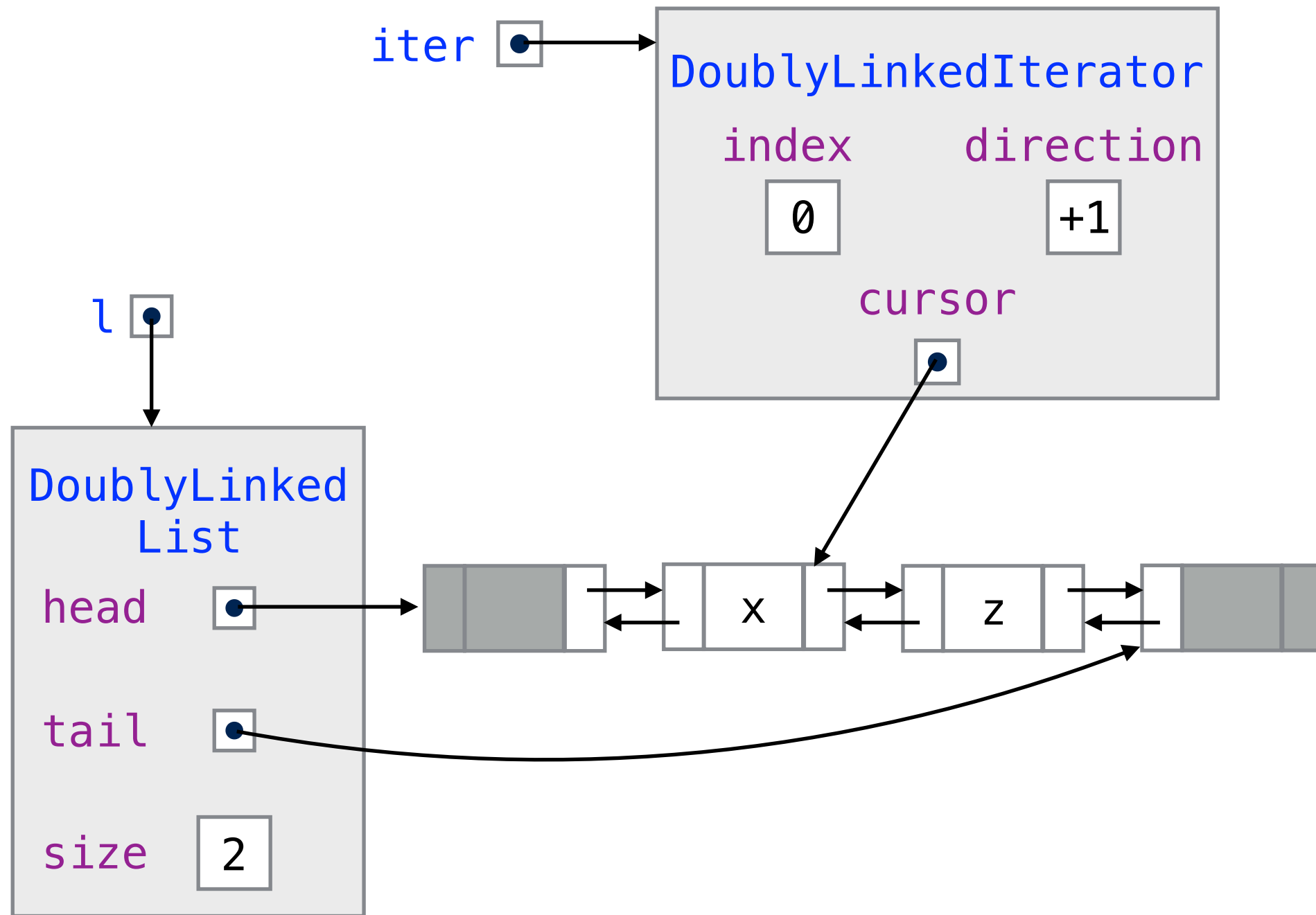


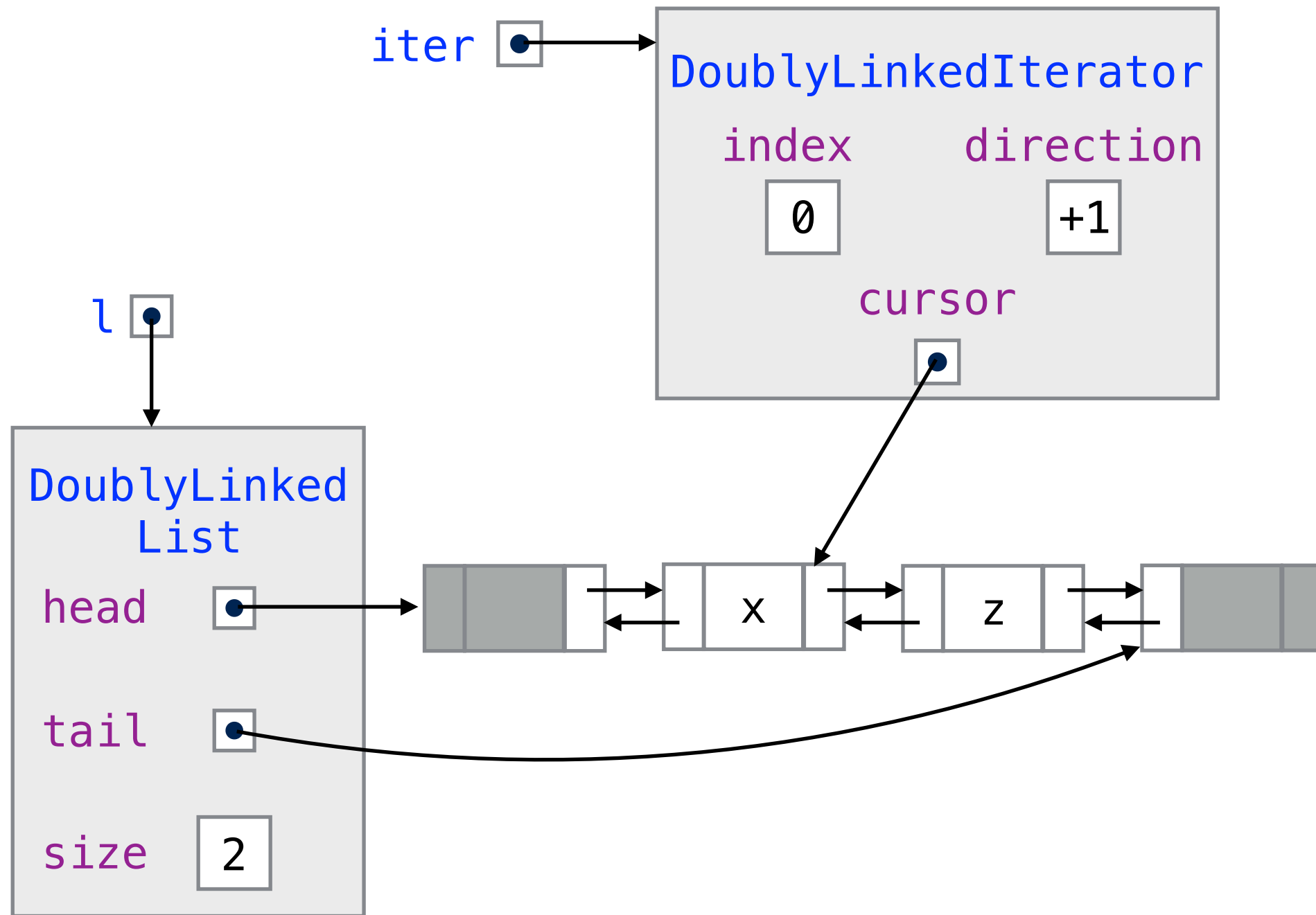
`iter.remove()`



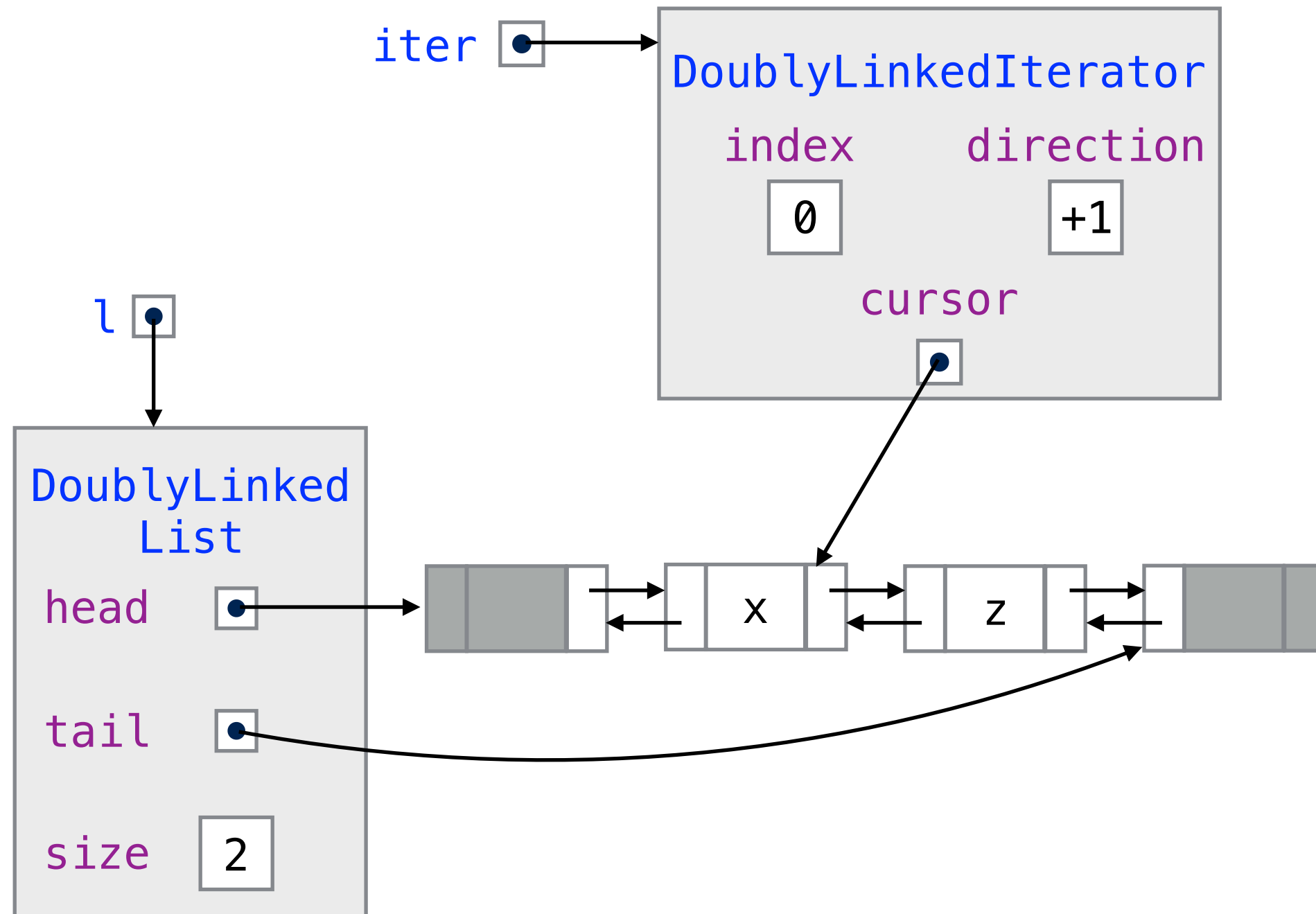


`iter.previous()`









`iter.remove()`

