

## **list::splice**

```
void splice (const_iterator position, list& x, const_iterator i);
```

### **Transfer elements from list to list**

Transfers the element pointed by i from x into the container, inserting it at position.

This effectively inserts those elements into the container and removes them from x, altering the sizes of both containers.

### **Parameters**

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position

Position within the container where the elements of x are inserted.

x

A list object of the same type.

i

Iterator to an element in x. Only this single element is transferred.

### **Return value**

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none