**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**

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**

none