

JAVA.UTIL.COLLECTIONS.COPY METHOD

http://www.tutorialspoint.com/java/util/collections_copy.htm

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Description

The **copy** `List < ?superT > , List < ?extendsT >` method is used to copy all of the elements from one list into another.

Declaration

Following is the declaration for **java.util.Collections.copy** method.

```
public static <T> void copy(List<? super T> dest, List<? extends T> src)
```

Parameters

- **dest** -- This is the destination list.
- **src** -- This is the source list.

Return Value

- NA

Exception

- **IndexOutOfBoundsException** -- This is thrown if the destination list is too small to contain the entire source List.
- **UnsupportedOperationException** -- This is thrown if the destination list's list-iterator does not support the set operation.

Example

The following example shows the usage of `java.util.Collections.copy`

```
package com.tutorialspoint;

import java.util.*;

public class CollectionsDemo {
    public static void main(String args[]) {
        // create two lists
        List<String> src1st = new ArrayList<String>(5);
        List<String> dest1st = new ArrayList<String>(10);

        // populate two lists
        src1st.add("Java");
        src1st.add("is");
        src1st.add("best");

        dest1st.add("C++");
        dest1st.add("is");
        dest1st.add("older");

        // copy into dest list
        Collections.copy(dest1st, src1st);

        System.out.println("Value of source list: "+src1st);
        System.out.println("Value of destination list: "+dest1st);
    }
}
```

Let us compile and run the above program, this will produce the following result.

```
Value of source list: [Java, is, best]
Value of destination list: [Java, is, best]
Loading [Mathjax]/jax/output/HTML-CSS/jax.js
```