

Dart – Join Two Lists

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You can join two Lists in Dart in many ways. In this tutorial, we will go through two methods to join lists.

The first one is using `List.addAll()`. Pass the list as argument, to `addAll()` method, which you would like to append to this list.

The second way is traversing through the second list and adding the element during iteration to the first list.

Join Lists in Dart using `List.addAll()`

In this example, we take two lists `list1` and `list2`. And then use `addAll()` to append `list2` to `list1`.

`List.addAll()` modifies this list. So `list1` gets modified, i.e., elements of `list2` get appended to `list1`.

Dart Program

```
void main(){
  List list1 = [24, 'Hello', 84];
  List list2 = [41, 65];

  //join list2 to list1
  list1.addAll(list2);

  print(list1);
}
```

Output

```
[24, Hello, 84, 41, 65]
```

Add Elements of other list one by one to first list

This is a primitive way of joining two lists. Here, we traverse through each element of `list2` using `forEach` and add these elements to `list1`.

Dart Program

```
void main(){
  List list1 = [24, 'Hello', 84];
  List list2 = [41, 65];

  //join list2 to list1
  list2.forEach((element) => list1.add(element));

  print(list1);
}
```

Output

```
[24, Hello, 84, 41, 65]
```

Conclusion

In this [Dart Tutorial](#), we learned how to append or join a list to another using List.addAll() and List.add() methods.

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