

Spread Operators

Spread operators in Dart allow you to “spread”, or expand an existing collection into a new one without you having to iterate over the said collection. The spread operator is written as three dots next to each other like so “...” and a null-aware spread operator is written with three dots followed by a question mark like so “...?” and allows you to spread a collection into a new one should the collection to the right not be null.

Further reading:

- [Spread operator - dart.dev](#)
- [Spread Collections - dart-lang/language - GitHub](#)
- [flutter dart spread operator code example | Newbedev](#)
- [Dart spread operator - I should go to sleep](#)
- [Spread operator & Null-aware operator on Lists - Morioh](#)



Examples

```
1 // here we have a valid list of strings
2 final names = ['Foo', 'Bar', 'Foo'];
3 // and a list of strings that is null at the
4 // point of its creation
5 List<String>? nullNames;
6 // using the ... spread operator, we take all the
7 // values inside the "names" variable and place
8 // them inside the "uniqueNames" set. Remember that a
9 // set will remove all duplicate values, meaning that
10 // the second 'Foo' instance will disappear. Then we are
11 // using the ...? operator in order to optionally
12 // spread the nullNames list here as well
13 final uniqueNames = {
14     ...names,
15     ...?nullNames,
16 };
```