## **Collection Operations**



**Richard Warburton** 

@richardwarburto | www.insightfullogic.com

Algorithms

**Factories** 

Utilities

Algorithms

**Factories** 

Utilities

```
Set<Integer> set = Collections.singleton(1);
List<String> list = Collections.singletonList("one");
Map<Integer, String> map =
    Collections.singletonMap(1, "one");
```

## Singletons

Immutable single value of collection

Use when you want to pass a single value to a method that takes a collection

```
Set<Integer> set = Collections.emptySet();
List<String> list = Collections.emptyList();
Map<Integer, String> map = Collections.emptyMap();
// and friends ...
```

## **Empty Collections**

Immutable empty collection

Use when you want to pass a no values to a method that takes a collection

Algorithms

**Factories** 

**Utilities** 

## Summary

This is the end ... the only end my friend.







