









































































































































































































































































































































































































































































































































































































































Name	^	Date Modified	Size	Kind
coverage		Today at 20:12	--	Folder
clover.xml		Today at 20:12	2 KB	XML Document
coverage-final.json		Today at 20:12	3 KB	JSON Document
lcov-report		Today at 20:12	--	Folder
base.css		Today at 20:12	5 KB	CSS style sheet
block-navigation.js		Today at 20:12	3 KB	JavaScript
favicon.png		Today at 20:12	445 bytes	PNG image
index.html		Today at 20:12	4 KB	HTML text
merge.js.html		Today at 20:12	7 KB	HTML text
prettify.css		Today at 20:12	676 bytes	CSS style sheet
prettify.js		Today at 20:12	18 KB	JavaScript
sort-arrow-sprite.png		Today at 20:12	138 bytes	PNG image
sorter.js		Today at 20:12	6 KB	JavaScript
lcov.info		Today at 20:12	386 bytes	Document
merge.js		Today at 18:28	1 KB	JavaScript
merge.test.js		Today at 18:28	1 KB	JavaScript
node_modules		Today at 18:40	--	Folder
package-lock.json		Today at 18:40	153 KB	JSON Document
package.json		Today at 20:12	379 bytes	JSON Document

## All files merge.js

100% Statements 17/17 100% Branches 8/8 100% Functions 3/3 100% Lines 17/17

Press *n* or *j* to go to the next uncovered block, *b*, *p* or *k* for the previous block.

```
1 function merge(list1, list2) {
2   51x if (list1.length < 1) {
3       // list 1 is empty
4   28x return list2;
5   31x } else if (list2.length < 1) {
6       // list 2 is empty
7   1x return list1;
8   } else {
9       var first, rest, other;
10  36x if (list1[0] < list2[0]) {
11      // First element of list1 is smaller
12  18x first = list1.slice(0, 1);
13  18x rest = list1.slice(1, list1.length);
14  18x other = list2;
15  } else {
16      // First element of list2 is smaller
17  12x first = list2.slice(0, 1);
18  12x rest = list2.slice(1, list2.length);
19  12x other = list1;
20  }
21  36x return first.concat(merge(rest, other)); // Recursively merge the rest of the lists
22  }
23 }
24
25 // Splits the list for merge sort
26 function mergeSort(array_list) {
27   41x if (array_list.length <= 1) {
28   24x return array_list;
29   } else {
30   17x return merge(
31       mergeSort(array_list.slice(0, array_list.length / 2)),
32       mergeSort(array_list.slice(array_list.length / 2, array_list.length))
33   );
34   }
35 }
36
37 1x module.exports.merge = merge;
38 1x module.exports.mergeSort = mergeSort;
39
```



## All files

100% Statements 17/17   100% Branches 8/8   100% Functions 2/2   100% Lines 17/17

Press *n* or *j* to go to the next uncovered block, *b*, *p* or *k* for the previous block.

File		Statements		Branches		Functions		Lines	
<a href="#">merge.js</a>	<div></div>	100%	17/17	100%	8/8	100%	2/2	100%	17/17











# Accessing the Coverage Report





