

# arrayCopy()

Warning

Use arr1.copyWithin(arr2) instead.

Copies an array (or part of an array) to another array. The src array is copied to the dst array, beginning at the position specified by srcPosition and into the position specified by dstPosition. The number of elements to copy is determined by length. Note that copying values overwrites existing values in the destination array. To append values instead of overwriting them, use **concat()**.

The simplified version with only two arguments, arrayCopy(src, dst), copies an entire array to another of the same size. It is equivalent to arrayCopy(src, 0, dst, 0, src.length).

Using this function is far more efficient for copying array data than iterating through a for() loop and copying each element individually.

## Examples

```
let src = [ 'A', 'B', 'C' ];
let dst = [ 1, 2, 3 ];
let srcPosition = 1;
let dstPosition = 0;
let length = 2;

print(src); // [ 'A', 'B', 'C' ]
print(dst); // [ 1, 2, 3 ]

arrayCopy(src, srcPosition, dst, dstPosition, length);
print(dst); // [ 'B', 'C', 3 ]
```

## Syntax

arrayCopy(src, srcPosition, dst, dstPosition, length)

arrayCopy(src, dst, [length])

## Parameters

src	Array: the source Array
srcPosition	Integer: starting position in the source Array
dst	Array: the destination Array
dstPosition	Integer: starting position in the destination Array
length	Integer: number of Array elements to be copied

This page is generated from the comments in [src/utilities/array\\_functions.js](#) . Please feel free to edit it and submit a pull request!

## Related References

<b>append</b> Adds a value to the end of an array.	<b>arrayCopy</b> Copies an array (or part of an array) to another array.	<b>concat</b> Concatenates two arrays, maps to Array.concat().	<b>reverse</b> Reverses the order of an array, maps to Array.reverse() .
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