

Typing an Array

This lesson goes over how to type an array

WE'LL COVER THE FOLLOWING ^

- Typing an array of multiple types
- Nested array type
- Generic arrays

Typing an array of multiple types

Typing an array is similar to any variable, except when having an array of multiple types that requires the use of parentheses.

```
const arr1: string[] = ["test", "one"];  
const arr2: (string | number)[] = [1, 2, "three"];
```



Nested array type

An array allows any type, even nested array.

```
const arr3: (Date | string[])[] = [new Date(), new Date(), ["1", "a"]];
```



Generic arrays

Arrays can be generic as well by defining the type with `T[]` or `Array<T>`.

```
function action<T>(options: T[]): void {
```



```
}
```

```
// Same as:
```

```
function action2<T>(options: Array<T>): void {
```

```
}
```

