

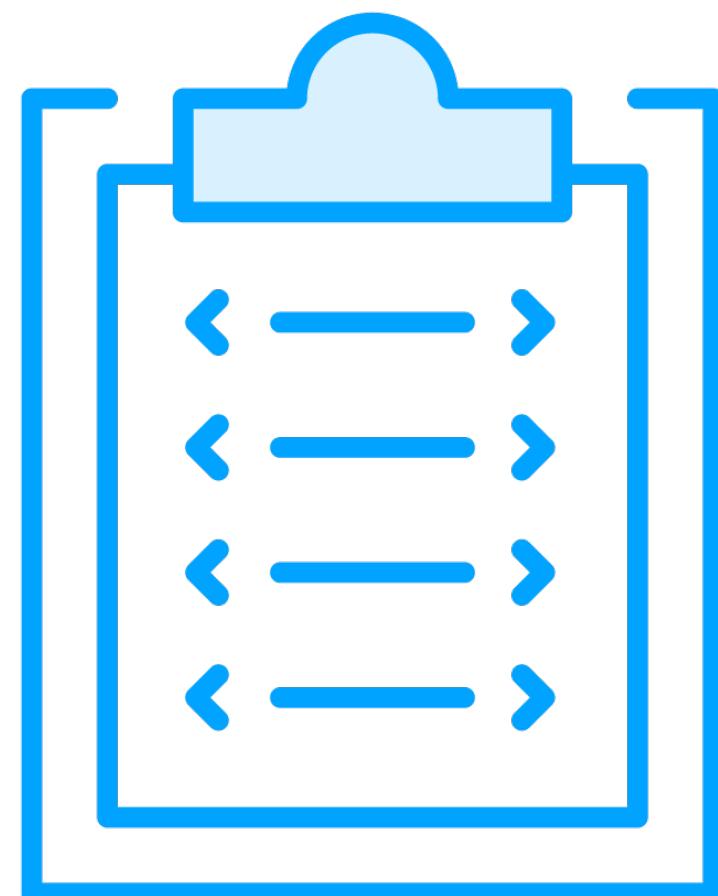
TypeScript Sets



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TypeScript Sets



Added to ES6
Distinct data values



Overview



Create a set

Working with sets

Looping through a set



Creating a Set in TypeScript



Working with TypeScript Sets



Looping Through a TypeScript Set





TypeScript Set Wrap Up





```
let ourFirstSet =  
  | | new Set<string>();
```

What is a Set?

An array?

A map?

Am I an object?



Comparison:

Array

VS

Set

Multiple instances of same value

Maintains order of elements

Indexed based access to values

Wide range of operations and methods

Unique values

No defined order, maintains insertion order

Can't access individual value based on index

Limited operations and methods



Recap



What data a set can store

Creating a set

Methods

- Adding values
- Checking if value is in the set
- Deleting a value
- Clearing all values in a set

How many elements in the set



Up Next:

TypeScript Maps

