

TypeScript Maps



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TypeScript Maps

K	V

Added to ES6

Key/Value pairs

Keys are unique

Remember data entry order

Size property



Overview



Create a map

Working with maps

Looping through a map



Creating a Map in TypeScript



Working with TypeScript Maps



Looping Through TypeScript Maps



TypeScript Map Wrap Up



```
mapOfGames.set("Tetris", 1985);
```

```
mapOfGames.set("Tetris", 1990);
```

```
mapOfGames.set("Tetris", 2000);
```

Unique Keys

The last value added will be the final value for that unique key.



Comparison:

Object

VS

Map

Not directly iterable

Does not have a size property

Keys must be strings (or symbols)

Key are not well ordered

Directly iterable

Has a size property

Keys can be any data type

Keys are ordered by insertion



Recap



What data a map can store

Creating a map

Methods

- Adding entries
- Retrieving an entry value
- Checking if entry is in the map
- Deleting an entry
- Clearing all entries from a map

How many entries in the map





Happy coding!

