

Differentiating between Types with Type Guards



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3 Levels of Differentiation

`typeof`

`instanceof`

User Defined Type
Guards

Demo

Using typeof to Differentiate

```
typeof variable === "string" | "number" | ...
```

Using typeof to Differentiate Between Values

Demo

Using isinstance to Differentiate

```
variableName instanceof ClassName
```

Using instanceof to Differentiate Between
Classes

Demo

Using User Defined Type Guards

```
function isX(var): var is TheType {}
```

User Defined Type Guards

Demo

Another User Defined Type Guard