

Arrow=> Function in Javascript



Muhammad Mohsin

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What are the advantages of an arrow function => ? How does it differ from one declared with the function keyword?



Advantages of arrow functions:

A more concise and compact syntax. `() => {}` vs `function() {}`. Implicit return if the function is one line. You can leave out the function body and JavaScript will automatically return the value.



```
const triple = (num) => 3 * num;
```

```
const triple = function(num) {  
  return 3 * num;  
}
```



Important point

A key benefit is how arrow functions handle this.

Previously, using function bound the value of this was based on where the function was called. This forced developers to add hacky fixes to retain the original this value.

On the other hand, an arrow function does not create its own this and instead uses the value from its enclosing



Extra points

Arrow functions don't have access to the arguments object.

Arrow functions don't change this from bind/call/apply since they don't define their own value for it

Arrow functions can't be used as constructors functions with the new keyword.





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Muhammad Mohsin