ES6 Tips

Write Minimal ES6 Code

← Swipe

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ES

Boolean Casting

Today's recommended method according to Airbnb's style guide 🤔

OLD

```
const age = Boolean(input.value)
```

NEW

```
const age = !!input.value
```

* I'm a bit undecided on this syntax, I guess it's nice if you're familiar with it and want to keep things minimal

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Nullish Coalescing

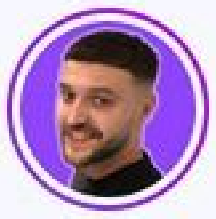
Returns its right-hand side when its left-hand side operand is null or undefined

OLD

```
const addId = (user, id) => {
  user.id =
    id !== null && id !== undefined
      ? id
      : "Unknown"
  return user
}
```

NEW

```
const addId = (user, id) => {
  user.id = id ?? "Unknown"
  return user
}
```



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Default Parameters

Function parameters default to undefined, so it's useful to set a value for this eventuality

OLD

```
const createUser = (name, email) => {
  const user = {
    email,
    name: name ?? "Unknown",
  }
  // create user
}
```

NEW

```
const createUser = (
  name = "Unknown",
  email
) => {
  const user = { email, name }
  // create user
}
```

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Optional Chaining

Allows you to read the value of a deeply nested property without checking if it’s a valid chain

OLD

```
const hasValidPostcode = u =>
  u &&
  u.address &&
  u.address.postcode &&
  u.address.postcode.valid
```

NEW

```
const hasValidPostcode = u =>
  u?.address?.postcode?.valid
```

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Destructuring Objects

Write less code by unpacking properties from objects into distinct variables

OLD

```
const save = params => {
  saveData(
    params.name,
    params.email,
    params.dob
  )
}
```

NEW

```
const save = ({name, email, dob}) => {
  saveData(name, email, dob)
}
```

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Destructuring Arrays

Write less code by unpacking values from arrays into distinct variables

OLD

```
const data = [
  ["axios", "recharts"],
  ["flocked", "flick"]
];

const plugins = data[0], apps = data[1]
```

NEW

```
const data = [
  ["axios", "recharts"],
  ["flocked", "flick"]
];

const [plugins, apps] = data
```

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Spread Operator

Merge two objects into one using this cool syntax, also very clean when cloning objects

OLD

```
const details = { name: "Man Utd" }
const stats = { games: 7, points: 21}

const team = Object.assign(
  {},
  details,
  stats
)
```

NEW

```
const details = { name: "Man Utd" }
const stats = { games: 7, points: 21}

const team = {
  ...details,
  ...stats
}
```

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For (of)

Arguably the same amount of code required but for (of) is known to be 24% faster than forEach

OLD

```
const array = []
const fillArray = items => {
  items.forEach(i =>
    array.push(i)
  )
}
```

NEW

```
const array = []
const fillArray = items => {
  for (let i of items) {
    array.push(i)
  }
}
```

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Notifications ↑

Was It Useful?

Let me know in the comments

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