

Day 20 - Writing Clean Code

Writing clean code

JavaScript Style Guide

This is a set of standards that tells us how JS code should be written and organized. JS is a programming language and like any human language, it has syntax. The syntax has to be written following a certain style guideline for sake of convenience and simplicity.

Why we need a style guide

When coding on your own, how you code doesn't really matter. But when working in a team of 10 or more developers on the same project and code base, the code will be messy and hard to manage if there are no guidelines to follow.

You can develop your own guidelines and conventions or you can also adapt well developed guidelines. The most common JavaScript Style Guidelines are:

- [Airbnb JavaScript Style Guide](#)
 - One of the most popular JS style guides on the internet. Covers nearly every aspect of JS and is adopted by many developers and companies.
- [JavaScript Standard Style Guide](#)
 - Not as popular as Airbnb, but worth a look. They've removed the semicolon in their guide.
- [Google JavaScript Style Guide](#)

JavaScript Coding Conventions

Coding conventions help:

- Write clean code
- Improve code readability

- Improve code reusability and maintainability

Coding conventions include:

- Naming and declaration rules for variables
- Naming and declaration rules for functions
- Rules for the use of white space, indentation, and comments.
- Programming practices and principles.