

Const, Var and let

Although the three above can all be used to assign a variable, they are a little different in functionality and each can be suitable to specific scenarios; As follows;

- If A variable is meant to never change in value then we can use Const
- And if we want that variable to be able to be reassigned and/or available through the project we can use var
- Finally we can use let to create a variable that is available within a block and we can reassign

With ES6 you can have block specific variable assigners,

(<https://www.freecodecamp.org/news/differences-between-var-let-const-javascript/>)

The above benefits are among the many other features the ES6 introduced, moreover features like

- The ... Operator.
- For/of.
- Map Objects.
- Set Objects.
- Classes.
- Arrow function

(<https://www.tutorialrepublic.com/javascript-tutorial/javascript>)

Also other features of the ES6 are promises and callbacks, which are helpful in complex coding situations like when a key code component takes longer to resolve than the rest. With callbacks and promises you can avoid errors by prioritizing functions and making sure all necessary variables are ready and executing them in an orderly manner by using the promise as a placeholder. Promises are a cleaner approach to this type of coding than callbacks.

(<https://dev.to/tqbit>)