

Title: What is Object.assign()?

Answer:

Object.assign() (https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Object/assign) is used to copy values from one object to another.

We can create two objects, and merge them with Object.assign() .

```
// Initialize an object
const name = {
  firstName: 'Philip',
  lastName: 'Fry'
};

// Initialize another object
const details = {
  job: 'Delivery Boy',
  employer: 'Planet Express'
};

// Merge the objects
const character = Object.assign(name, details);

console.log(character);
```

Output

```
{firstName: "Philip", lastName: "Fry", job: "Delivery Boy", employer: "Planet Express"}
```

It is also possible to use the spread operator (...) to accomplish the same task. In the code below, we'll modify how we declare character through merging the name and details objects.

```
// Initialize an object
const name = {
  firstName: 'Philip',
  lastName: 'Fry'
};

// Initialize another object
const details = {
  job: 'Delivery Boy',
  employer: 'Planet Express'
};

// Merge the object with the spread operator
const character = {...name, ...details}

console.log(character);
```

Output

```
{firstName: "Philip", lastName: "Fry", job: "Delivery Boy", employer: "Planet Express"}
```

This spread syntax (https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Spread_syntax#Spread_in_object_literals) in object literals is also known as shallow-cloning.

Tags: javascript, hashes / js objects