

**Title:** What does Object.entries() do?

**Answer:**

Object.entries() ([https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global\\_Objects/Object/entries](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Object/entries)) creates a nested array of the key/value pairs of an object.

```
// Initialize an object
const operatingSystem = {
  name: 'Ubuntu',
  version: 18.04,
  license: 'Open Source'
};

// Get the object key/value pairs
const entries = Object.entries(operatingSystem);

console.log(entries);
```

Output

```
[ ["name", "Ubuntu"] ["version", 18.04] ["license", "Open Source"] ]
```

Once we have the key/value pair arrays, we can use the `forEach()` method to loop through and work with the results.

```
// Loop through the results
entries.forEach(entry => {
  let key = entry[0];
  let value = entry[1];

  console.log(`${key}: ${value}`);
});
```

**Output**

```
name: Ubuntu version: 18.04 license: Open Source
```

The `Object.entries()` method will only return the object instance's own properties, and not any properties that may be inherited through its prototype.

**Tags:** javascript, hashes / js objects