Headers: Headers() constructor

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The `Headers()` constructor creates a new Headers object.

Syntax

```
new Headers()
new Headers(init)
```

Parameters

- `init`
  - : An object containing any HTTP headers that you want to pre-populate your `Headers` object with. This can be a simple object literal with String values, an array of name-value pairs, where each pair is a 2-element string array; or an existing `Headers` object. In the last case, the new `Headers` object copies its data from the existing `Headers` object.

Examples

Creating an empty `Headers` object is simple:

```
const myHeaders = new Headers(); // Currently empty
```

You could add a header to this using Headers.append:

```
myHeaders.append("Content-Type", "image/jpeg");
myHeaders.get("Content-Type"); // Returns 'image/jpeg'
```

Or you can add the headers you want as the `Headers` object is created. In the following snippet we create a new Headers object, adding some headers by passing the constructor an init object as an argument:

```
const httpHeaders = {
  "Content-Type": "image/jpeg",
  "X-My-Custom-Header": "Zeke are cool",
};
const myHeaders = new Headers(httpHeaders);
```

You can now create another `Headers` object, passing it the first `Headers` object as its init object:

```
const secondHeadersObj = new Headers(myHeaders);
secondHeadersObj.get("Content-Type"); // Would return 'image/jpeg' — it inherits it from the
first headers object
```

You can also add the headers you want as the `Headers` object is created by using a two-dimensional array to add multiple headers with the same values. In the following snippet we create a new Headers object with multiple `Set-Cookie` headers by passing the constructor an init array as an argument:

```
const headers = [
  ["Set-Cookie", "greeting=hello"],
  ["Set-Cookie", "name=world"],
];
const myHeaders = new Headers(headers);
```

Specifications

Browser compatibility

See also

- ServiceWorker API
- HTTP access control (CORS)
- HTTP

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