Response: blob() method

- Syntax
  - Parameters
  - Return value
  - Exceptions
- Examples
- Specifications
- Browser compatibility
- See also

The `blob()` method of the Response interface takes a Response stream and reads it to completion. It returns a promise that resolves with a Blob.

Syntax

```
blob()
```

Parameters

None.

> **NOTE:** If the Response has a Response.type of `"opaque"`, the resulting Blob will have a Blob.size of `0` and a Blob.type of empty string `""`, which renders it *useless* for methods like URL.createObjectURL().

Return value

A promise that resolves with a Blob whose data is the body's bytes and the media type is the response's `Content-Type` header's value.

Exceptions

- `AbortError` DOMException
  - : The request was aborted.
- TypeError
  - : Thrown for one of the following reasons:
    - The response body is disturbed or locked.
    - There was an error decoding the body content (for example, because the Content-Encoding header is incorrect).

Examples

In our fetch request example (run fetch request live), we create a new request using the Request() constructor, then use it to fetch a JPG. When the fetch is successful, we read a Blob out of the response using `blob()`, put it into an object URL using URL.createObjectURL(), and then set that URL as the source of an img element to display the image.

```
const myImage = document.querySelector("img");

const myRequest = new Request("flowers.jpg");

fetch(myRequest)
  .then((response) => response.blob())
  .then((myBlob) => {
    const objectURL = URL.createObjectURL(myBlob);
    myImage.src = objectURL;
  });
```

Specifications

Browser compatibility

See also

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

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