# HTTPRequest class

Represents an HTTP request sent by a page.

**Signature:**

```
export declare class HTTPRequest
```

## Remarks

Whenever the page sends a request, such as for a network resource, the following events are emitted by Puppeteer's `page`:

- `request`: emitted when the request is issued by the page. - `requestfinished` - emitted when the response body is downloaded and the request is complete.

If request fails at some point, then instead of `requestfinished` event the `requestfailed` event is emitted.

All of these events provide an instance of `HTTPRequest` representing the request that occurred:

```
page.on('request', request => ...)
```

NOTE: HTTP Error responses, such as 404 or 503, are still successful responses from HTTP standpoint, so request will complete with `requestfinished` event.

If request gets a 'redirect' response, the request is successfully finished with the `requestfinished` event, and a new request is issued to a redirected url.

The constructor for this class is marked as internal. Third-party code should not call the constructor directly or create subclasses that extend the `HTTPRequest` class.

## Methods

| Method | Modifiers | Description |
| --- | --- | --- |
| abort(errorCode, priority) | | Aborts a request. |
| continue(overrides, priority) | | Continues request with optional request overrides. |
| failure() | | Access information about the request's failure. |
| frame() | | |
| headers() | | |
| isNavigationRequest() | | |
| method() | | |
| postData() | | |

| | | |
|---|---|---|
| [redirectChain()](#) | | A `redirectChain` is a chain of requests initiated to fetch a resource. |
| [resourceType()](#) | | Contains the request's resource type as it was perceived by the rendering engine. |
| [respond(response, priority)](#) | | Fulfills a request with the given response. |
| [response()](#) | | |