

# 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
<a href="#">abort(errorCode, priority).</a>		Aborts a request.
<a href="#">continue(overrides, priority).</a>		Continues request with optional request overrides.
<a href="#">failure().</a>		Access information about the request's failure.
<a href="#">frame().</a>		
<a href="#">headers().</a>		
<a href="#">isNavigationRequest().</a>		
<a href="#">method().</a>		
<a href="#">postData().</a>		

<a href="#"><u>redirectChain()</u></a>		A <code>redirectChain</code> is a chain of requests initiated to fetch a resource.
<a href="#"><u>resourceType()</u></a>		Contains the request's resource type as it was perceived by the rendering engine.
<a href="#"><u>respond(response, priority)</u></a>		Fulfills a request with the given response.
<a href="#"><u>response()</u></a>		
<a href="#"><u>url()</u></a>		