



APIRequest

Exposes API that can be used for the Web API testing. This class is used for creating [APIRequestContext](#) instance which in turn can be used for sending web requests. An instance of this class can be obtained via [playwright.request](#). For more information see [APIRequestContext](#).

Methods

new_context

Added in: v1.16

Creates new instances of [APIRequestContext](#).

Usage

```
api_request.new_context()  
api_request.new_context(**kwargs)
```

Arguments

- `base_url` [str](#) (*optional*)

Methods like [api_request_context.get\(\)](#) take the base URL into consideration by using the [URL\(\)](#) constructor for building the corresponding URL. Examples:

- `baseURL: http://localhost:3000` and sending request to `/bar.html` results in `http://localhost:3000/bar.html`
- `baseURL: http://localhost:3000/foo/` and sending request to `./bar.html` results in `http://localhost:3000/foo/bar.html`
- `baseURL: http://localhost:3000/foo` (without trailing slash) and navigating to `./bar.html` results in `http://localhost:3000/bar.html`

- `extra_http_headers` [Dict\[str, str\]](#) (*optional*)

An object containing additional HTTP headers to be sent with every request. Defaults to none.

- `http_credentials` `Dict` (*optional*)
 - `username` `str`
 - `password` `str`
 - `origin` `str` (*optional*)

Restrain sending http credentials on specific origin (scheme://host:port).

Credentials for `HTTP authentication`. If no origin is specified, the username and password are sent to any servers upon unauthorized responses.

- `ignore_https_errors` `bool` (*optional*)

Whether to ignore HTTPS errors when sending network requests. Defaults to `false`.

- `proxy` `Dict` (*optional*)
 - `server` `str`

Proxy to be used for all requests. HTTP and SOCKS proxies are supported, for example `http://myproxy.com:3128` or `socks5://myproxy.com:3128`. Short form `myproxy.com:3128` is considered an HTTP proxy.

- `bypass` `str` (*optional*)

Optional comma-separated domains to bypass proxy, for example `".com, chromium.org, .domain.com"`.

- `username` `str` (*optional*)

Optional username to use if HTTP proxy requires authentication.

- `password` `str` (*optional*)

Optional password to use if HTTP proxy requires authentication.

Network proxy settings.

- `storage_state` `Union[str, pathlib.Path]|Dict` (*optional*)

- `cookies` `List[Dict]`
 - `name` `str`
 - `value` `str`
 - `domain` `str`
 - `path` `str`
 - `expires` `float`
 Unix time in seconds.
 - `httpOnly` `bool`
 - `secure` `bool`
 - `sameSite` `"Strict"|"Lax"|"None"`
- `origins` `List[Dict]`
 - `origin` `str`
 - `localStorage` `List[Dict]`
 - `name` `str`
 - `value` `str`

Populates context with given storage state. This option can be used to initialize context with logged-in information obtained via `browser_context.storage_state()` or `api_request_context.storage_state()`. Either a path to the file with saved storage, or the value returned by one of `browser_context.storage_state()` or `api_request_context.storage_state()` methods.

- `timeout` `float` (*optional*)

Maximum time in milliseconds to wait for the response. Defaults to `30000` (30 seconds). Pass `0` to disable timeout.

- `user_agent` `str` (*optional*)

Specific user agent to use in this context.

Returns

- `APIRequestContext`

