Download

Download objects are dispatched by page via the page.on("download") event.

All the downloaded files belonging to the browser context are deleted when the browser context is closed.

Download event is emitted once the download starts. Download path becomes available once download completes.

Sync   Async

```python
# Start waiting for the download
with page.expect_download() as download_info:
    # Perform the action that initiates download
    page.get_by_text("Download file").click()
download = download_info.value

# Wait for the download process to complete and save the downloaded file somewhere
download.save_as("/path/to/save/at/" + download.suggested_filename)
```

Methods

cancel

Added in: v1.13

Cancels a download. Will not fail if the download is already finished or canceled. Upon successful cancellations, `download.failure()` would resolve to `'canceled'`.

Usage

```
download.cancel()
```

delete

Added in: v1.8

Deletes the downloaded file. Will wait for the download to finish if necessary.

Usage

```
download.delete()
```

failure

Added in: v1.8

Returns download error if any. Will wait for the download to finish if necessary.

Usage

```
download.failure()
```

Returns

- NoneType|str

path

Added in: v1.8

Returns path to the downloaded file in case of successful download. The method will wait for the download to finish if necessary. The method throws when connected remotely.

Note that the download's file name is a random GUID, use download.suggested_filename to get suggested file name.

Usage

```
download.path()
```

Returns

- NoneType|pathlib.Path

save_as

Added in: v1.8

Copy the download to a user-specified path. It is safe to call this method while the download is still in progress. Will wait for the download to finish if necessary.

Usage

Sync   **Async**

```
download.save_as("/path/to/save/at/" + download.suggested_filename)
```

Arguments

- `path` Union[str, pathlib.Path]

  Path where the download should be copied.

Properties

page

Added in: v1.12

Get the page that the download belongs to.

Usage

```
download.page
```

Returns

- Page

suggested_filename

Added in: v1.8

Returns suggested filename for this download. It is typically computed by the browser from the `Content-Disposition` response header or the `download` attribute. See the spec on whatwg. Different browsers can use different logic for computing it.

Usage

```
download.suggested_filename
```

Returns

- str

url

Added in: v1.8

Returns downloaded url.

Usage

```
download.url
```

Returns

- str