Window: showSaveFilePicker() method

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The **`showSaveFilePicker()`** method of the Window interface shows a file picker that allows a user to save a file. Either by selecting an existing file, or entering a name for a new file.

Syntax

```
showSaveFilePicker()
showSaveFilePicker(options)
```

Parameters

- `options`
  - : An object containing options, which are as follows:
    - `excludeAcceptAllOption`

    - : A boolean value that defaults to `false`. By default, the picker should include an option to not apply any file type filters (instigated with the type option below). Setting this option to `true` means that option is *not* available.
  - `id`
    - : By specifying an ID, the browser can remember different directories for different IDs. If the same ID is used for another picker, the picker opens in the same directory.
  - `startIn`
    - : A FileSystemHandle or a well-known directory (`"desktop"`, `"documents"`, `"downloads"`, `"music"`, `"pictures"`, or `"videos"`) to open the dialog in.
  - `suggestedName`
    - : A String. The suggested file name.
  - `types`
    - : An Array of allowed file types to save. Each item is an object with the following options:
      - `description`
        - : An optional description of the category of files types allowed. Defaults to an empty string.
      - `accept`
        - : An Object with the keys set to the MIME type and the values an Array of file extensions (see below for an example).

Return value

A Promise whose fulfillment handler receives a FileSystemFileHandle object.

Exceptions

- `AbortError` DOMException
  - : Thrown if the user dismisses the file picker without selecting or inputting a file, or if the user agent deems any selected files too sensitive or dangerous.
- `SecurityError` DOMException
  - : Thrown if the call was blocked by the same-origin policy or it was not called via a user interaction such as a button press.
- TypeError
  - : Thrown if accept types can't be processed, which may happen if:
    - Any key string of the `accept` options of any item in `types` options can't parse a valid MIME type.

- Any value string(s) of the `accept` options of any item in `types` options is invalid, for example, if it does not start with `.` and if end with `.`, or if it contains any invalid code points and its length is more than 16.
- The `types` options is empty and the `excludeAcceptAllOption` options is `true`.

Security

Transient user activation is required. The user has to interact with the page or a UI element in order for this feature to work.

Examples

The following function shows a file picker, with text files highlighted for selection.

```
async function getNewFileHandle() {
  const opts = {
    types: [
      {
        description: "Text file",
        accept: { "text/plain": [".txt"] },
      },
    ],
  };
  return await window.showSaveFilePicker(opts);
}
```

Specifications

Browser compatibility

See also

- File System API

- The File System Access API: simplifying access to local files

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