Window: showDirectoryPicker() method

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The `showDirectoryPicker()` method of the Window interface displays a directory picker which allows the user to select a directory.

Syntax

```
showDirectoryPicker()
showDirectoryPicker(options)
```

Parameters

- `options`
  - : An object containing options, which are as follows:
    - `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.
  - `mode`
    - : A string that defaults to `"read"` for read-only access or `"readwrite"` for read and write access to the directory.
  - `startIn`
    - : A FileSystemHandle or a well-known directory (`"desktop"`, `"documents"`, `"downloads"`, `"music"`, `"pictures"`, or `"videos"`) to open the dialog in.

Return value

A Promise whose fulfillment handler receives a FileSystemDirectoryHandle object.

Exceptions

- `AbortError` DOMException
  - : Thrown if the user dismisses the prompt without making a selection, or if the user agent deems the selected directory to be too sensitive or dangerous, or if the PermissionStatus.state for the selected directory is not `"granted"` in the specified `mode`.
- `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.

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

This asynchronous function shows a directory picker and returns a FileSystemDirectoryHandle once selected.

```
async function getDir() {
  const dirHandle = await window.showDirectoryPicker();

  // run code for dirHandle
}
```

Specifications

Browser compatibility

See also

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

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