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BeforeInstallPromptEvent

Experimental: This is an **experimental technology**.

Check the [Browser compatibility table](#) carefully before using this in production.

Non-standard: This feature is non-standard and is not on a standards track. Do not use it on production sites facing the Web; it will not work for every user. There may also be large incompatibilities between implementations and the behavior may change in the future.

The **BeforeInstallPromptEvent** is the interface of the [beforeinstallprompt](#) event fired at the [Window](#) object before a user is prompted to "install" a website to a home screen on mobile.

This interface inherits from the [Event](#) interface.



Constructor

[BeforeInstallPromptEvent\(\)](#)

Creates a new `BeforeInstallPromptEvent` object.

Properties

Inherits properties from its parent, [Event](#).

[BeforeInstallPromptEvent.platforms](#) Read only

Returns an array of string items containing the platforms on which the event was dispatched. This is provided for user agents that want to present a choice of versions to the user such as, for example, "web" or "play" which would allow the user to choose between a web version or an Android version.

[BeforeInstallPromptEvent.userChoice](#) Read only

Returns a [Promise](#) that resolves to a string containing either "accepted" or "dismissed".

Methods

[BeforeInstallPromptEvent.prompt\(\)](#)

Allows a developer to show the install prompt at a time of their own choosing. This method returns a [Promise](#).

Example

```
window.addEventListener("beforeinstallprompt", (e) => {
  // log the platforms provided as options in an install prompt
  console.log(e.platforms); // e.g., ["web", "android", "windows"]
  e.userChoice.then((choiceResult) => {
    console.log(choiceResult.outcome); // either "accepted" or "dismissed"
  }, handleError);
});
```

Browser compatibility

[Report problems with this compatibility data on GitHub](#)

	Chrome	Edge	Firefox	Opera	Safari	Chrome Android	
BeforeInstallPromptEvent	Chrome 44	Edge 79	Firefox No	Opera 31	Safari No	Chrome Android 44	
BeforeInstallPromptEvent().constructor	Chrome 44	Edge 79	Firefox No	Opera 31	Safari No	Chrome Android 44	
platforms	Chrome 44	Edge 79	Firefox No	Opera 31	Safari No	Chrome Android 44	
prompt	Chrome 76	Edge 79	Firefox No	Opera 63	Safari No	Chrome Android 76	
userChoice	Chrome 44	Edge 79	Firefox No	Opera 31	Safari No	Chrome Android 44	

Tip: you can click/tap on a cell for more information.

- Full support

Partial support

No support

Experimental. Expect behavior to change in the future.
- Non-standard. Check cross-browser support before using.

Has more compatibility info.

Last modified: Sep 9, 2022, [by MDN contributors](#)