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Sample Code

Messaging a Web Extension's Native App

Communicate between your Safari web extension and its containing app.

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macOS 10.14+ | Xcode 12.0+

Overview

Note

This sample code project is associated with WWDC20 session [10665: Meet Safari Web Extensions](#).


Configure the Sample Code Project

Before you run the sample code project in Xcode:

1. Open Safari and choose Develop > Allow Unsigned Extensions.
2. In the project settings in Xcode, select the Native Messaging Demo target.
3. Click the Signing & Capabilities tab.
4. For Signing Certificate, choose Sign to Run Locally. (Leave Team set to None.)
5. Repeat steps 3 and 4 for the Native Messaging Demo Extension target.

See Also

Messaging

 Messaging between the app and JavaScript in a Safari web extension

Communicate about events and share data between the containing app and JavaScript by using native messaging and app groups.

`let SFExtensionMessageKey: String`

A string the system uses as a key in a user info dictionary to identify a message.

`let SFExtensionProfileKey: String`

A string the system uses as a key in a user info dictionary to identify a profile identifier.

 Messaging between a webpage and your Safari web extension

Configure your extension to enable messaging from webpages, and then update your extension to handle messages.