Notifications

You can display notifications directly in MetaMask or natively in a user's operating system (OS) using the snap_notify API method.

Steps

1. Get permission to notify users

Request the snap_notify permission. Add the following to your Snap's manifest file:

snap.manifest.json "initialPermissions" :

{ "snap_notify" :

{ } }

2. Create a notification

Create a notification by calling snap_notify , which takes a notification type and message . Specify type: "inApp" to display the notification in the MetaMask UI, or type: "native" to display the notification in the user's OS.

note We recommend using type: "inApp" because there's no guarantee that native notifications are displayed to the user. You can also call snap_notify twice, which each notification type, to trigger both an in-app and native notification. The following example displays a notification in MetaMask, with the message "Hello, world!":

index.js await snap . request ({ method :

"snap_notify" , params :

{ type :

"inApp" , message :

"Hello, world!" , } , }) ;

Notification rate limits Each Snap can trigger up to:

- Five in-app notifications per minute.
- Two native notifications per five minutes.

Example

See the @metamask/notifications-example-snap package for a full example of implementing notifications using snap_notify . This example exposes a custom JSON-RPC API for dapps to display in-app and native notifications.

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