

# Extend the functionality of MetaMask using Snaps

Snaps is an open source system that allows anyone to safely extend the functionality of [MetaMask](#), creating new web3 end user experiences. Get started building your own Snaps by [installing MetaMask Flask](#).

## What can you do with a Snap?

A Snap can add new API methods to MetaMask, add support for different blockchain protocols, or modify existing functionalities using the [Snaps API](#). Learn more in this video:

The following Snaps features are available in the stable version of MetaMask:

[## Dialogs](#) Display custom alert, confirmation, or prompt screens in MetaMask. [## Notifications](#) Notify users directly in MetaMask, or in their OS. [## Encrypted storage](#) Securely store and manage data on the user's device. [## Unencrypted storage](#) Store non-sensitive data and access it while MetaMask is locked. [## Non-EVM networks](#) Manage non-EVM accounts and assets in MetaMask. [## Transaction insights](#) Provide transaction insights in MetaMask's pre-transaction window. [## Cron jobs](#) Schedule periodic actions for your users. [## Custom UI](#) Display custom UI in MetaMask using a set of pre-defined components. [## Network access](#) Make API calls using `fetch()`. [## Localization](#) Translate your Snap UI based on the user's locale. [## Lifecycle hooks](#) Call an action when your Snap is installed or updated. [## Static files](#) Lazy-load static files such as Wasm modules or ZK circuits. [## Custom EVM accounts](#) Connect to custom EVM accounts in MetaMask. [## Home pages](#) Present a dedicated UI page in MetaMask for your Snap. The following Snaps features are only available in [MetaMask Flask](#), the canary distribution of MetaMask:

[## Transaction severity](#) Add extra friction to the transaction flow if a transaction looks risky. [## Interactive UI](#) Display interactive UI in MetaMask using a set of pre-defined components. [## Signature insights](#) Warn users about potentially dangerous signature requests. [## Account abstraction](#) Connect to ERC-4337 accounts in MetaMask. [## Name resolution](#) Resolve names to addresses and vice versa.

## New to Snaps?

If you're new to Snaps, get started learning with the following topics:

[## About Snaps](#) See a high-level, technical overview of the Snaps system. [## About the Snaps APIs](#) Learn about how Snaps, dapps, and MetaMask communicate with each other. [## Snaps files](#) Learn about the Snaps manifest, configuration, and bundle files. [## Gas estimation Snap tutorial](#) Follow an end-to-end tutorial to create a Snap that estimates gas fees.

## Questions?

If you have questions about using MetaMask Snaps or want to propose a new feature, you can interact with the MetaMask Snaps team and community on [GitHub discussions](#) and themm-snaps-dev channel on [Consensys Discord](#).

See the full list of [Snaps resources](#) for more information.

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