Getting Started with MetaMask Snaps

https://hackmd.io/@rekmarks/devcon-vi

Erik Marks
Lead Engineer, MetaMask Snaps
What is MetaMask Snaps?
MetaMask allows you to interact with Ethereum
MetaMask also enables you to interact with Ethereum dapps
But, what about everything else?

For example:

- New kinds of assets
- Less common contract interactions
- Smart contract accounts
- Zero-knowledge cryptography
- Non-EVM networks
Snaps are sandboxed programs that are run by MetaMask.

Their purpose is to create new user experiences in the wallet, i.e. to modify it in some useful way.
The user adds snaps to their wallet at runtime

Snaps have access to special permissions, including key management, making them uniquely powerful building blocks for web3 developers.
Using this simple model, in the past week, hackers have developed:

- A ZK-nullifier snap
- A transaction security snap
- Account activity notifications
- Smart contract account support

Snaps currently in developer releases include:

- StarkNet
- Filecoin
- Bitcoin
- Arweave
- ...and many more.
is the gateway to all of web3
Let’s get started!
https://hackmd.io/@rekmaks/devcon-vi

Erik Marks
Lead Engineer, MetaMask Snaps
erik.marks@consensys.net
@rekmaks