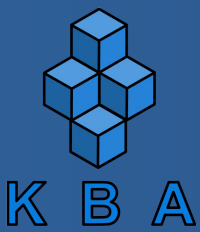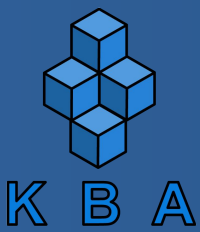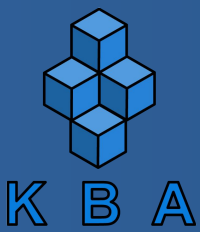# Ethereum Wallets

- The Ethereum Wallet is a gateway to **decentralized** applications on the Ethereum blockchain. It allows you to **hold** and secure ether and other crypto-assets built on Ethereum, as well as write, **deploy** and use smart contracts.

- It's basically software that allows you to easily store and manage your private and public keys

- A digital wallet will not store your currency and there is no tangible form of your digital currency.

- Everything exists on the online ledger called a "blockchain". Your wallet will only interact with the blockchain, allowing you to easily send and receive digital coins and make transactions.

- A wallet is known to be hot if it stores your keys online. These can be accessed easily from any place as long as you have internet.

- Cold wallets on the contrary are those that are stored offline, i.e. the private keys are within the hardware. These are more secure as they will only be connected online when you want them to be and have far less chance to be hacked.
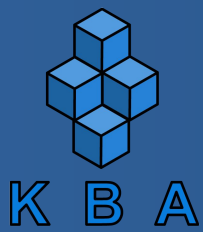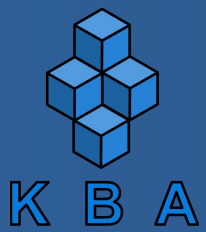
Smart Contract Wallets

- Some wallets will only allow you to transfer value (i.e. send Ether between accounts). Other wallets will allow you to also deploy or trigger a contract. These wallets are known as "Smart contract wallets".

  eg: MyEtherWallet

- MetaMask is a web extension, which allows you to manage your Ethereum private keys via your web browser

- It serves as a wallet for Ether and other crypto assets built on ethereum

- It allows you to run Ethereum dApps (Decentralized Apps) right in your browser without running a full Ethereum node.

MyEtherWallet

- MyEtherWallet is a free, client-side interface helping you interact with the Ethereum blockchain.

- Open-source platform allows you to generate wallets, interact with smart contracts, and so much more.

THANK YOU