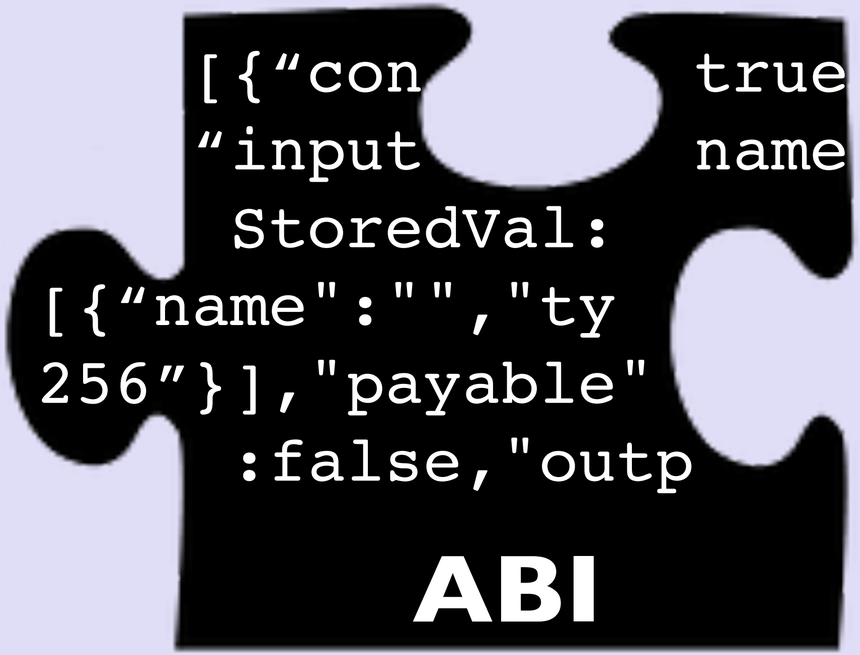
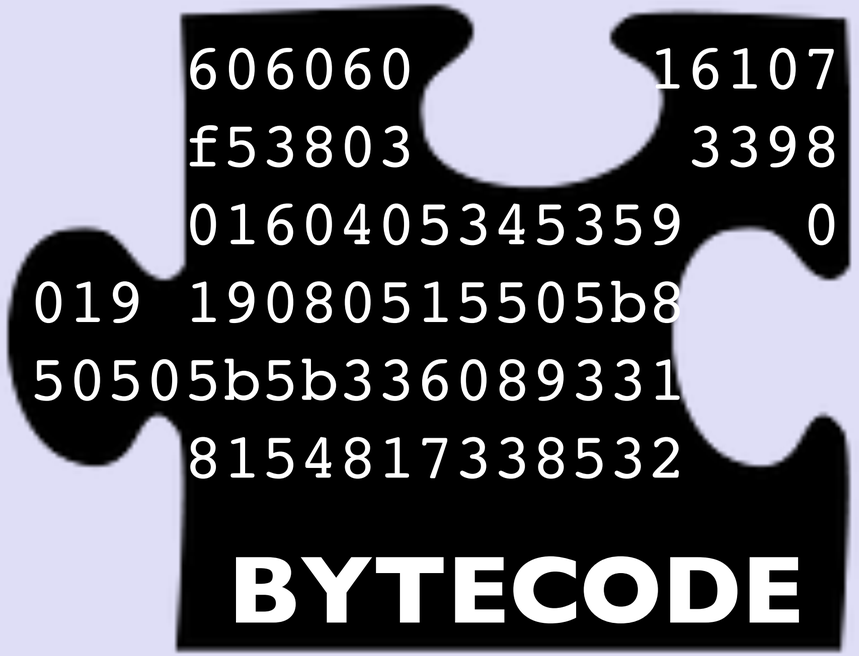
ETHEREUM CONTRACT APPLICATION BINARY INTERFACE





APPLICATION BINARY INTERFACE

- The acronym ABI stands for **A**pplication **B**inary **I**nterface.
- A smart contract is stored as bytecode (= binary data) into the blockchain under a specific address also known as contract address.
- The ABI is needed to access the bytecode.
- The ABI defines which functions you can invoke as well as get a guarantee that the function will return data in the format you are expecting.

APPLICATION BINARY INTERFACE

- If a web application wants to interact with a smart contract on the blockchain, it needs:
  - the contract address
  - the Application Binary Interface (ABI)
- More information about the ABI can be found at: https://github.com/ethereum/wiki/wiki/Ethereum-Contract-ABI