

Transaction
+ id + time + signature + sender + receiver + fee
+ __init__(self, receiver, sender, amount, signature, id, time): Transaction + is_valid(self): bool + __str__(self): str + hash_transaction(self): Crypto.Hash.SHA256.SHA256Hash

Block
+ time + prev_hash + data + validator + signature
+ __init__(self, time, prev_hash, data, vali + is_valid(self): bool + __str__(self): str + hash_block(self): Crypto.Hash.SHA256.

dator, signature): Block
SHA256Hash

Blockchain
+ chain
+ __init__(self): Blockchain
+ next_block(self, data): Block
+ __str__(self): str
+ is_valid(self): bool
+ is_chain_valid(chain): bool
+ <u>replace_chain_if_more_reliable(self, new_chain): bool</u>

Wallet
+ secret_key
+ public_key
+ blockchain
+ __init__(self): Wallet
+ make_transaction(self, receive
+ __str__(self): str

allet
er, amount): Transaction