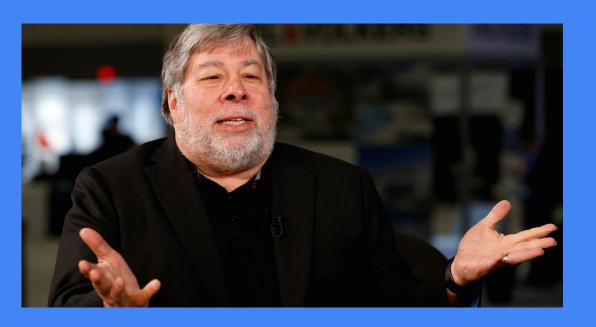
Introdução a Ethereum

O que vem depois do Bitcoin?

Steve Wozniak compara Ethereum à Apple na Conferência de Viena



"Ethereum me interessa porque pode fazer coisas e porque é uma plataforma."

https://br.cointelegraph.com/news/steve-wozniak-compares-ethereum-to-apple-at-vienna-conference

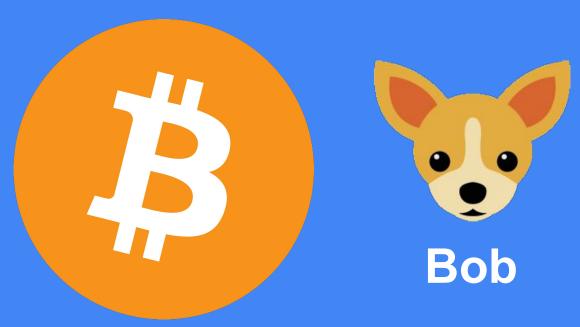
94 dos 100 Maiores Projetos de Blockchain Partiram da Ethereum, diz Pesquisador

> Jovens mulheres no Afeganistão abraçam Ethereum para mudar situação no país



Ethereum Chega aos 35 Milhões de Endereços e Supera o Bitcoin em Endereços Ativos



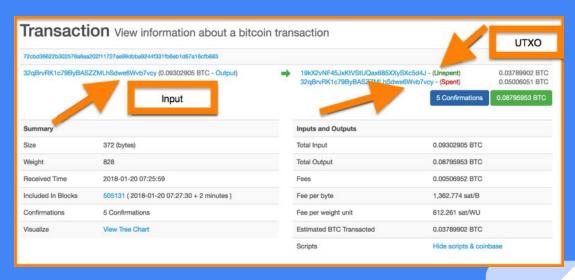












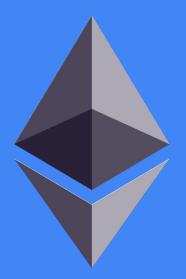


Foco em transações

Bitcoin uses a scripting system for transactions.

Forth-like, Script is simple, stack-based, and processed from left to right. It is intentionally not Turing-complete, with no loops.

Estrelando...



ethereum

Foco: Executar Smart Contracts

```
/* Allow another contract to spend some tokens in your behalf */
function approve (address spender, uint256 value)
    returns (bool success) {
   allowance[msq.sender] [ spender] = value;
    return true:
/* Approve and then comunicate the approved contract in a single tx */
function approveAndCall (address spender, uint256 value, bytes extraData)
    returns (bool success) {
   tokenRecipient spender = tokenRecipient( spender);
   if (approve( spender, value)) {
       spender.receiveApproval(msg.sender, value, this, extraData);
       return true;
/* A contract attempts to get the coins */
function transferFrom(address from, address to, uint256 value) returns (bool success) {
   if (balanceOf[ from] < value) throw;
                                                         // Check if the sender has enough
   if (balanceOf[ to] + value < balanceOf[ to]) throw; // Check for overflows
   if (value > allowance[ from] [msg.sender]) throw; // Check allowance
   balanceOf[ from] -= value;
                                                        // Subtract from the sender
   balanceOf[ to] += value;
                                                        // Add the same to the recipient
   allowance[ from][msg.sender] -= value;
   Transfer (from, to, value);
    return true:
/* This unnamed function is called whenever someone tries to send ether to it */
function ()
              // Prevents accidental sending of ether
    throw:
```

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