

Struct

Arbitrage Bot
Exchanges: [] Exchange
RiskManager: RiskManager

Exchange
Url: string

RiskManager

ArbitragePair
Bitcoin1: Bitcoin
Bitcoin2: Bitcoin

Bitcoin
Price: int64
Exchange: Exchange

Interface

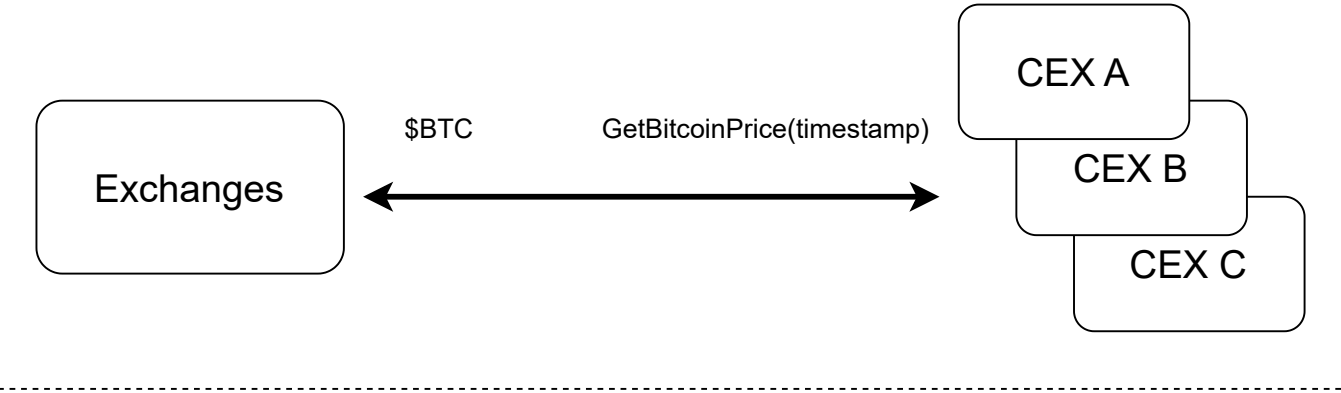
Arbitrage Bot
ExecuteArbitrage()
FindArbitrage(prices)

Exchange
GetBitcoinPrice(timestamp)
BuyBitcoin(price, amount)
SellBitcoin(price, amount)

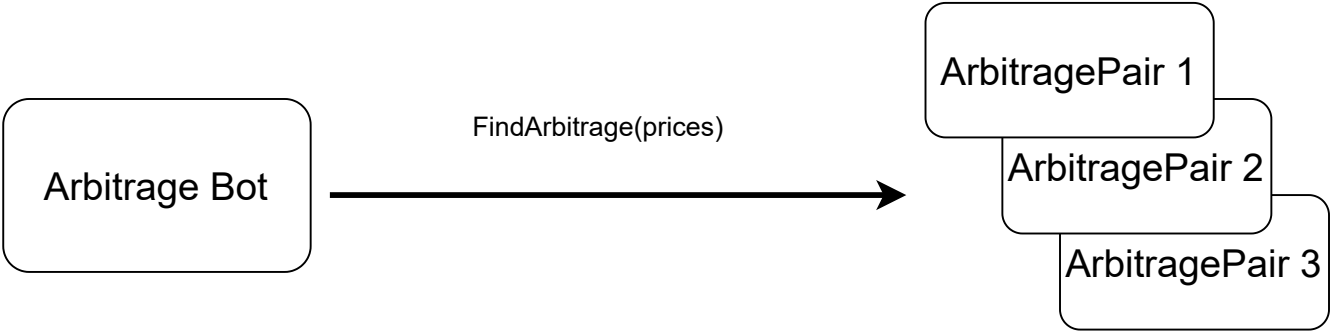
RiskManager
CalAmountToBuy([]ArbitragePair)

Flow

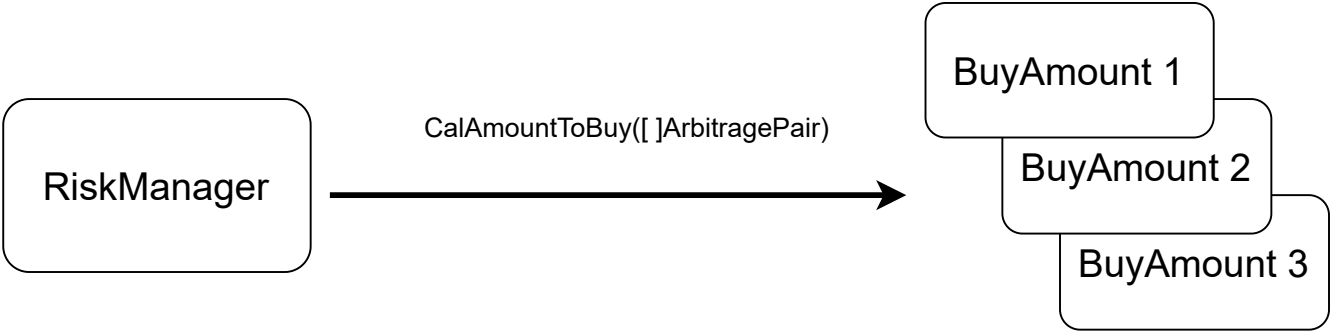
Monitor Prices



Find Arbitrage



CalAmountToBuy



Buy & Sell Bitcoin

