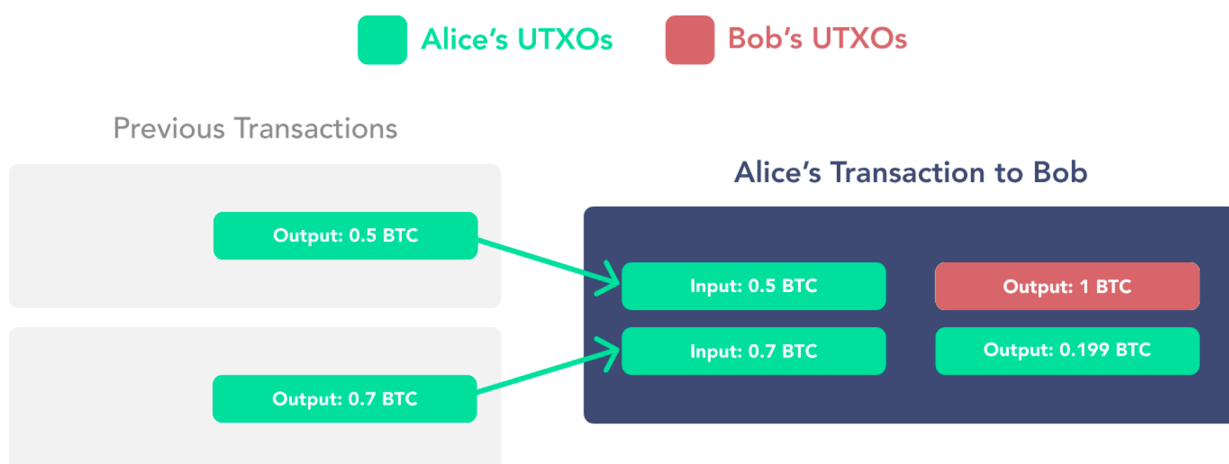


# Ordinals & BRC20 入门

## UTXO

UTXO: Unspent Transaction Output

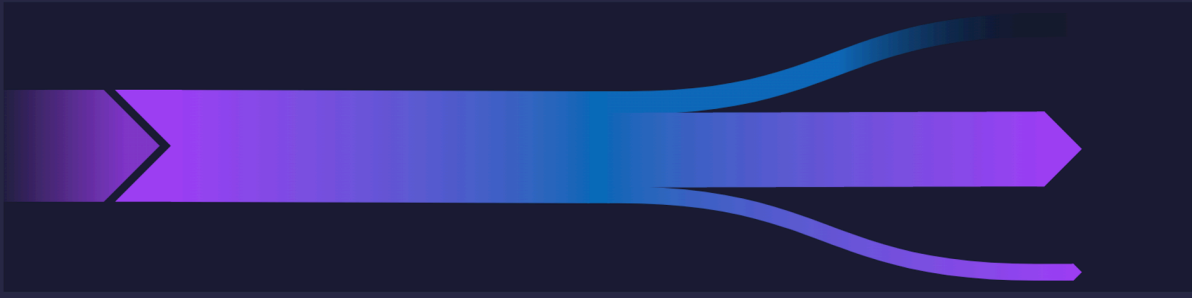


## Transaction

Property	Description
version	交易版本号，不同的版本会有细微的规则差别
Input Counter	计数器：有多少个输入
Inputs	一个或多个输入
Output Counter	计数器：有多少个输出
Outputs	一个或多个输出
Locktime	锁定时间：Unix 时间戳或区块高度

# 流向

隐藏图表



# 输入与输出

明细

3FgTjxByTjrJKV5WpnXJj6aEbaTrnBbHpc

0.00263027 BTC

bc1qln8wfrzsa6m49452638ag... ljnzgl0

0.00174000 BTC

bc1q0qfzuce7vr5s2xkcjrjkc... 8mhx298v

0.00036975 BTC

0.00210975 BTC

<https://mempool.space/zh/tx/77ae2abd7c3f04aeaa1b5e1bc061b5dff2bd673a940bc941ff144623ec797b0>

## Legacy(P2PKH)

Pay to Public key hash

以 1 开头的地址

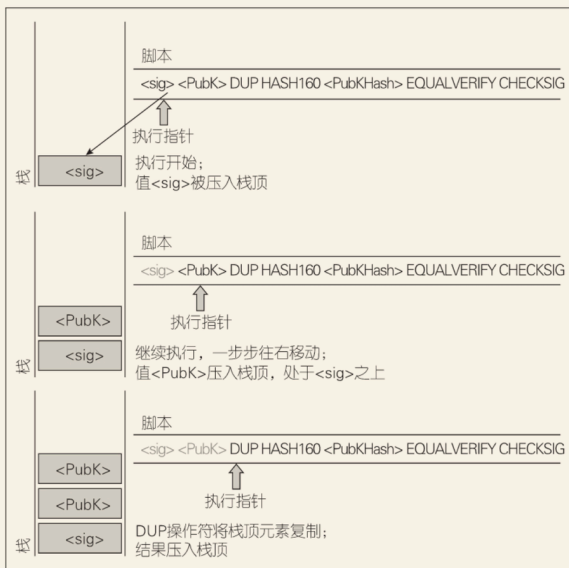


图 5.3 评估一个P2PKH交易的脚本 (第1部分)

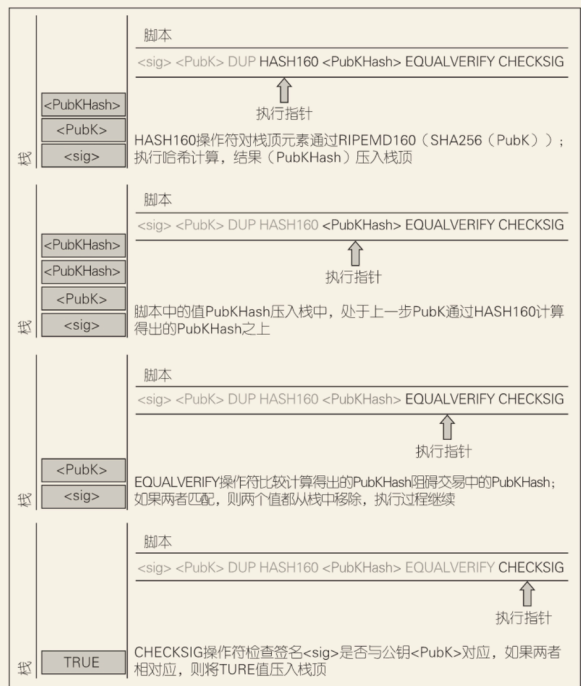


图 5.4 评估一个P2PKH交易的脚本 (第2部分)

## SegWit

SegWit: Segregated Witness, 2017 年发布。

## Nested SegWit

---

以 3 开头的地址

## Native SegWit

---

以 bc1q 开头的地址

## Taproot

---

以 bc1p 开头的地址

**Thus, on 14 November 2021, the Taproot upgrade was implemented on block 709,632 of the Bitcoin network.**

**Here's more on the Taproot upgrade.**

## Ordinals

---

Founder: Casey(<https://twitter.com/rodarmor>)

Document: <https://docs.ordinals.com/>

```
OP_FALSE
OP_IF
  OP_PUSH "ord"
  OP_PUSH 1
  OP_PUSH "text/plain;charset=utf-8"
  OP_PUSH 0
  OP_PUSH "Hello, world!"
OP_ENDIF
```

## BRC-20

---

Founder: Domo(<https://twitter.com/domodata>)

Document: <https://domo-2.gitbook.io/brc-20-experiment/>

```
{
  "p": "brc-20",
  "op": "deploy",
  "tick": "ordi",
  "max": "21000000",
  "lim": "1000"
}
```

Key	Required?	Description
p	Yes	Protocol: Helps other systems identify and process brc-20 events
op	Yes	Operation: Type of event (Deploy, Mint, Transfer)
tick	Yes	Ticker: 4 letter identifier of the brc-20
max	Yes	Max supply: set max supply of the brc-20
lim	No	Mint limit: If letting users mint to themselves, limit per ordinal
dec	No	Decimals: set decimal precision, default to 18

## 实操

1. 下载 Unisat Wallet [https://chromewebstore.google.com/detail/unisat-wallet/ppbibelpcjmhbdi\\_hakflkdcoccbgbkpo?hl=en-US&utm\\_source=ext\\_sidebar](https://chromewebstore.google.com/detail/unisat-wallet/ppbibelpcjmhbdi_hakflkdcoccbgbkpo?hl=en-US&utm_source=ext_sidebar)
2. 打开 Unisat 官网 <https://unisat.io/>

## 百花齐放的协议

1. Atomical  
Founder: <https://twitter.com/atomicalsxyz>  
Document: <https://docs.atomicals.xyz/>
2. Rune  
Founder: Casey(<https://twitter.com/rodarmor>)  
Document: 暂无

## 参考资料

- Bitcoin Basics: <https://river.com/learn/bitcoin-basics/>
- Bitcoin Taproot Explained: [https://youtu.be/d82-MPwpiYs?si=-I\\_VCVYIsWzhrbdZ](https://youtu.be/d82-MPwpiYs?si=-I_VCVYIsWzhrbdZ)
- Ordinals: <https://docs.ordinals.com/>
- BRC20: <https://domo-2.gitbook.io/brc-20-experiment/>

