

## UDT to UDT swap

input1

cap: any  
lock: UDTswap lock script  
type: UDTswap type script  
data: first UDT reserve amount,  
second UDT reserve amount,  
total liquidity

output1

cap: any  
lock: UDTswap lock script  
type: UDTswap type script  
data: first UDT reserve amount  
+ first UDT amount to swap,  
second UDT reserve amount  
- second UDT amount to be swapped,  
total liquidity

input2

cap: any  
lock: UDTswap lock script  
type: first UDT type script  
data: first UDT reserve locked

output2

cap: any  
lock: UDTswap lock script  
type: first UDT type script  
data: first UDT reserve locked  
+ first UDT amount to be swapped

input3

cap: any  
lock: UDTswap lock script  
type: second UDT type script  
data: second UDT reserve locked

output3

cap: any  
lock: UDTswap lock script  
type: second UDT type script  
data: second UDT reserve locked  
- second UDT amount to be swapped

any cells including UDTswap's swap except  
UDTswap add / remove / create  
(There should be first UDT cells to swap)

output4

cap: 61 ckb  
lock: nervos default with fee pkh  
type: null  
data: null

any cells including UDTswap's swap except  
UDTswap add / remove / create  
(There should be second UDT cells to be  
swapped)