



Includes chaincode script that determines

- Validation rules
- 2 How the global state is mutated

# **OLD TRANSACTION G** OLD TRANSACTION X Value Output<sub>1</sub> C **OLD TRANSACTION Y** Value Output<sub>1</sub> C Value Output<sub>2</sub> C = Output<sub>n</sub> (c)

### Transaction

Includes chaincode script that determines

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**NEW TRANSACTION** 

OLD TRANSACTION G

OLD

TRANSACTION X

Value
Output script = Output
OLD TRANSACTION Y

New transaction is done using any outputs in any old transactions

.....

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**NEW TRANSACTION** 

OLD TRANSACTION G

OLD
TRANSACTION X

Value
Output script = Output
Output script = Output
Value
Output script = Output
Output script = Ou

Defines how that output can be spent (and by whom):
Money does not change the owner but the PERMISSION to use it.



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#### **NEW TRANSACTION**

**OLD TRANSACTION Y** Output script = Output<sub>1</sub> c = Output<sub>2</sub> c Output script

**OLD TRANSACTION G** 

OLD

TRANSACTION X

Defines how that output can be spent (and by whom): Money does not change the owner but the PERMISSION to use it.



### OLD TRANSACTION G

#### OLD TRANSACTION X

Value Output<sub>1</sub> C

### OLD TRANSACTION Y

Value Output = Output CO
Value Output script = Output CO
Output script = Output CO

Defines how that output can be spent (and by whom): Money does not change the owner but the PERMISSION to use it.



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#### **NEW TRANSACTION**

Output reference = c Input Signature script

Output reference = c Input

Output reference  $\equiv$  c) Input<sub>n</sub>

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#### **NEW TRANSACTION**

· Output reference = c Input Signature script

... Output reference = c Input

· Output reference = c Input<sub>n</sub>

#### OLD TRANSACTION G

OLD

TRANSACTION X

old TRANSACTION Y

Value

Output script = Output<sub>1</sub> c

Value
Output script = Output<sub>2</sub> c

Defines how that output can be spent (and by whom):
Money does not change the owner but the PERMISSION to use it.



Reference to

an output of



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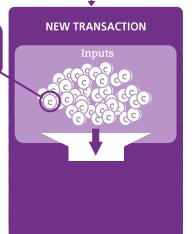
Signature

script

Output script

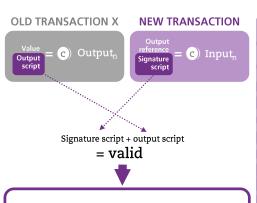
Signature script + output script

= valid

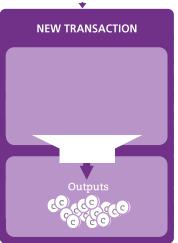


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Coins transferred



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# OLD TRANSACTION X **NEW TRANSACTION** c) Input<sub>n</sub> Output Signature script script Signature script + output script = valid

Coins transferred

