

NEO ORACLES

МАТЕРИАЛЫ

Документация нео: <https://docs.neo.org/docs/en-us/advanced/oracle.html>

Документация нео-go: <https://github.com/nspcc-dev/neo-go/blob/master/docs/oracle.md>

Документация chain-link: <https://chain.link/education-hub/oracle-problem>

Пример нео-go: <https://github.com/nspcc-dev/neo-go/tree/master/examples/oracle>

Сегодняшнее демо: <https://git.frostfs.info/vdomnich-yadro/oracle-demo>

<https://git.frostfs.info/Web3N3/web3-course> (исходники будут перемещены сюда)

Источники данных

Block

TX1: nep17.Transfer(0xdeadbeef, 0xfoodcafe, GAS, 10)
TX2: nep17.BalanceOf(0xdeadbeef, GAS)

key:value

Источники данных

Block

TX1: nep17.Transfer(0xdeadbeef, 0xfoodcafe, GAS, 10)
TX2: nep17.BalanceOf(0xdeadbeef, GAS)

key:value

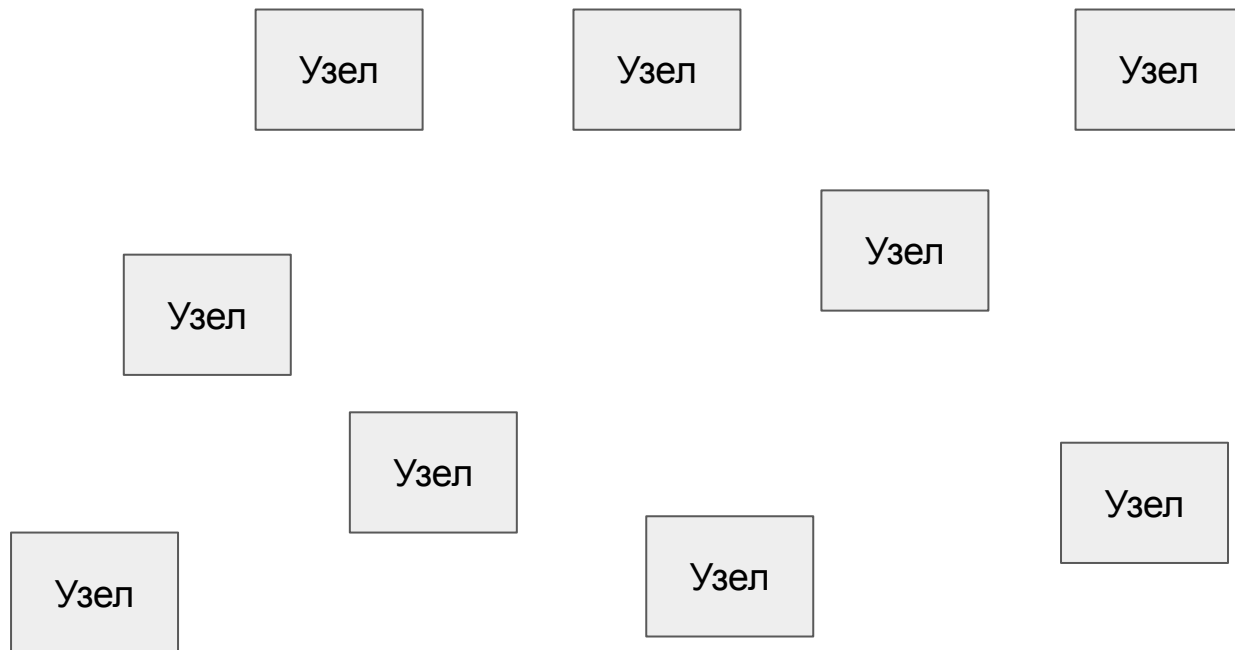
Block

TX3: weather.Update(<https://www.gismeteo.ru/weather-moscow-4368/>)

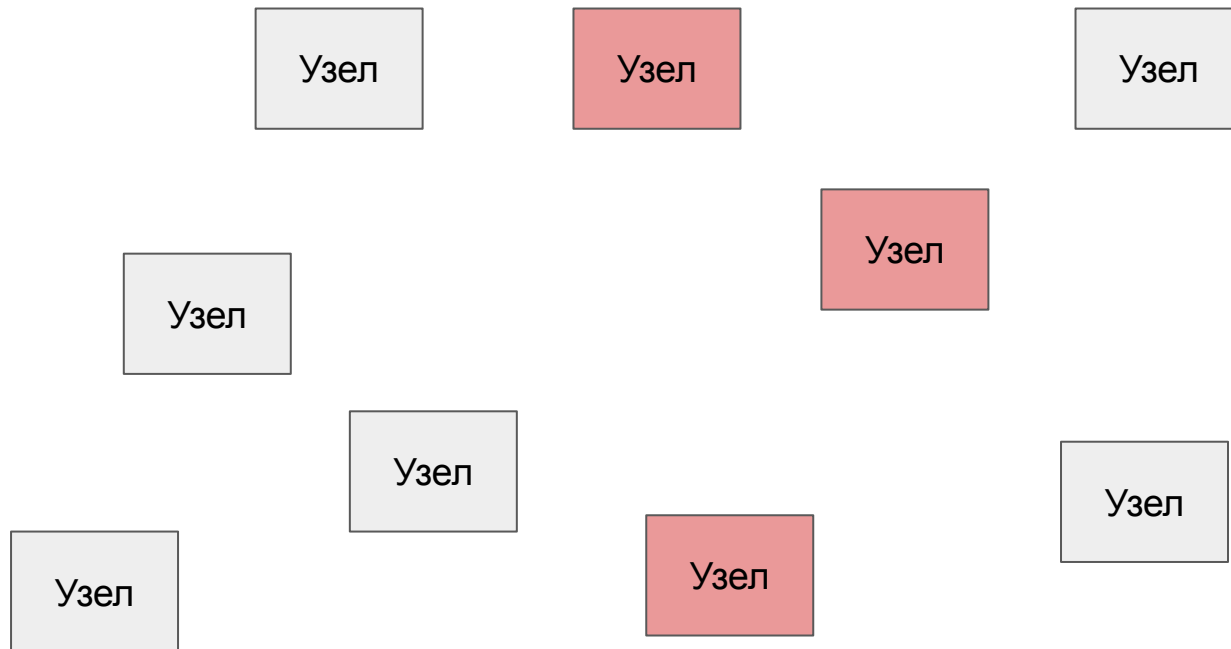
key:value

Internet

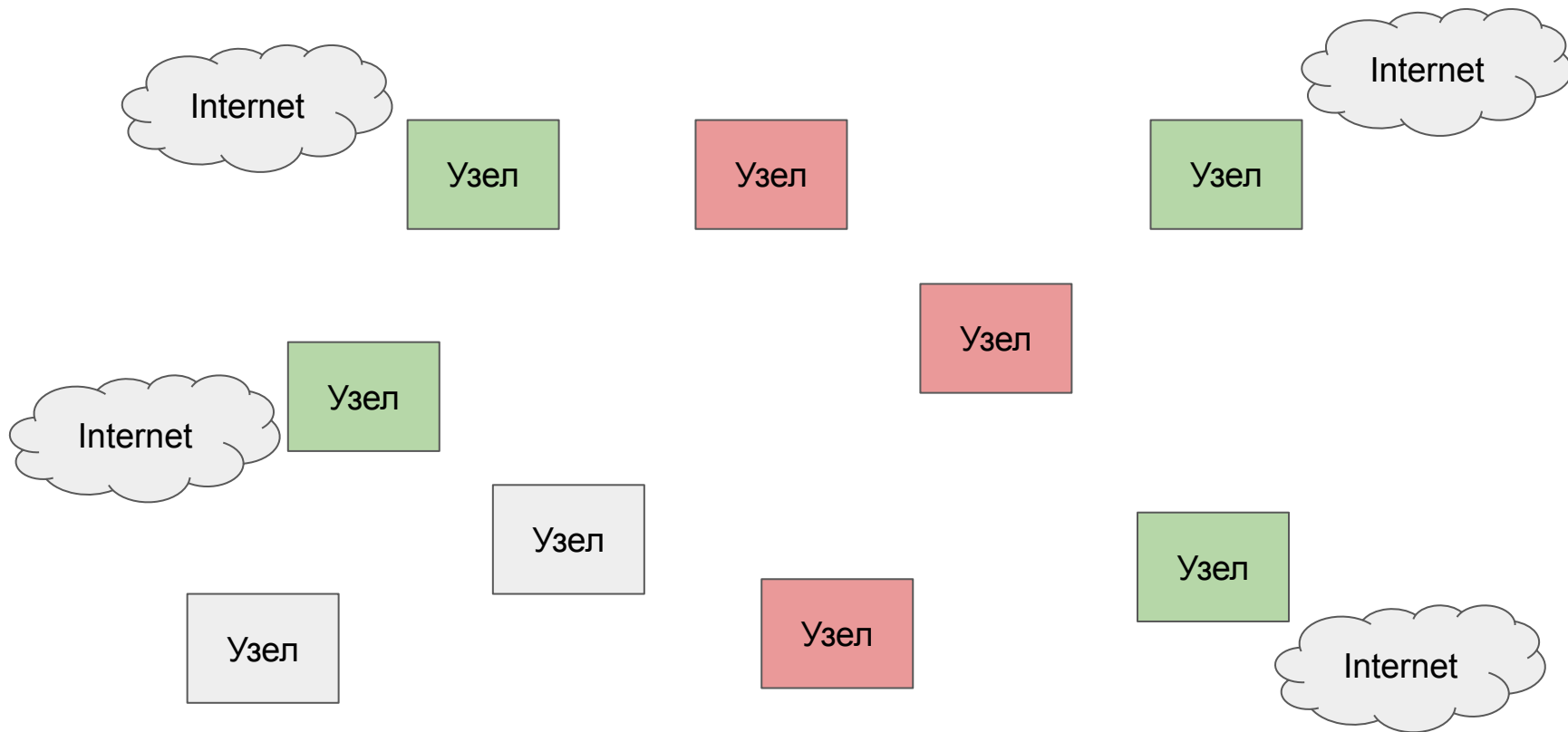
Узлы блокчейна



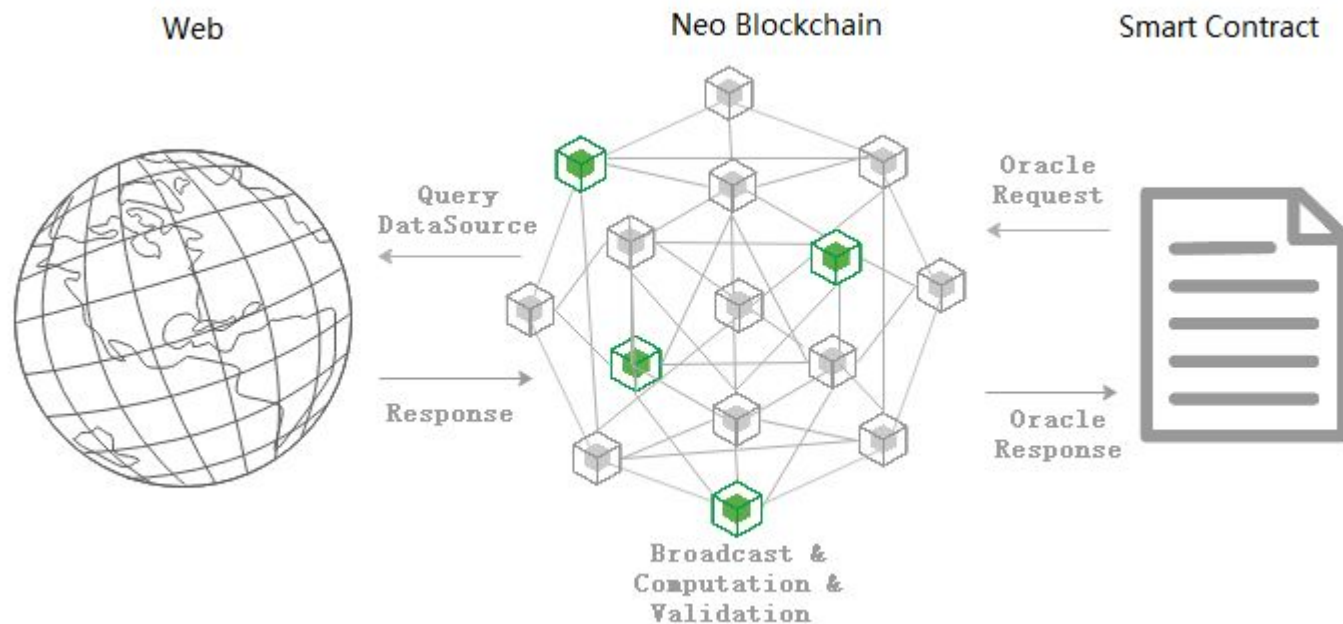
Консенсус-узлы



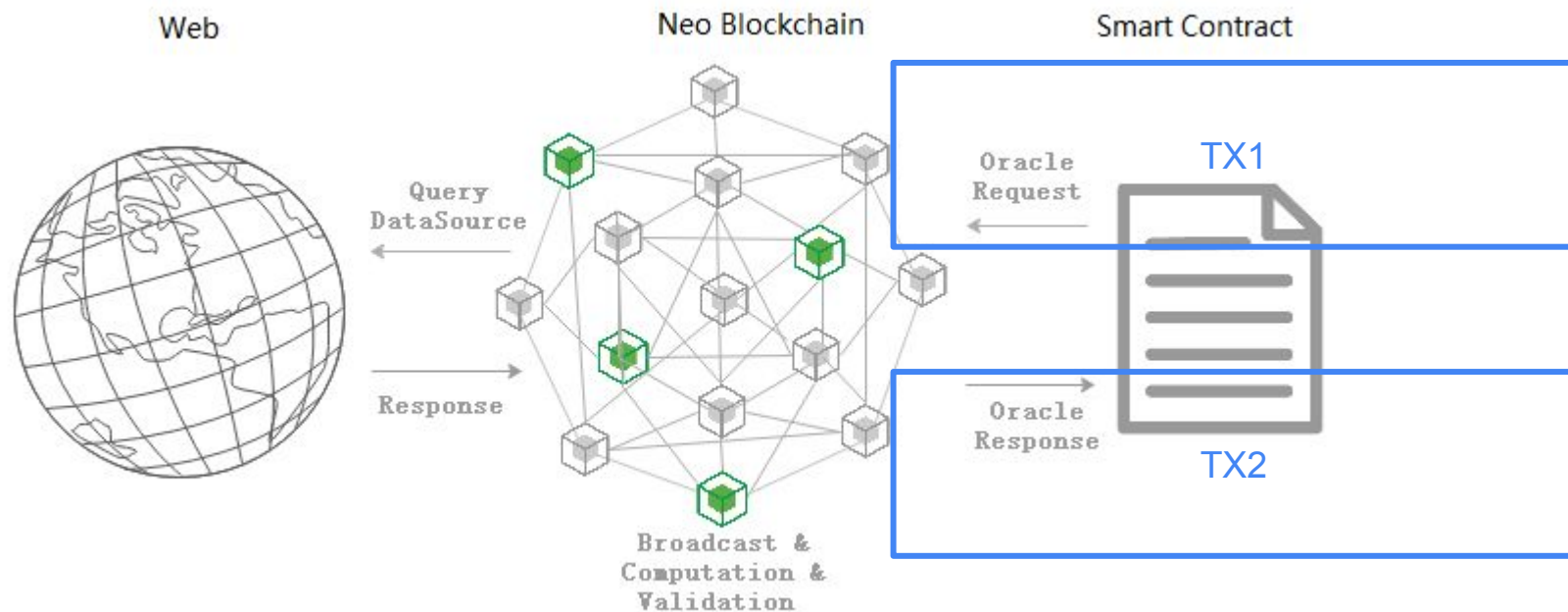
Узлы-оракулы



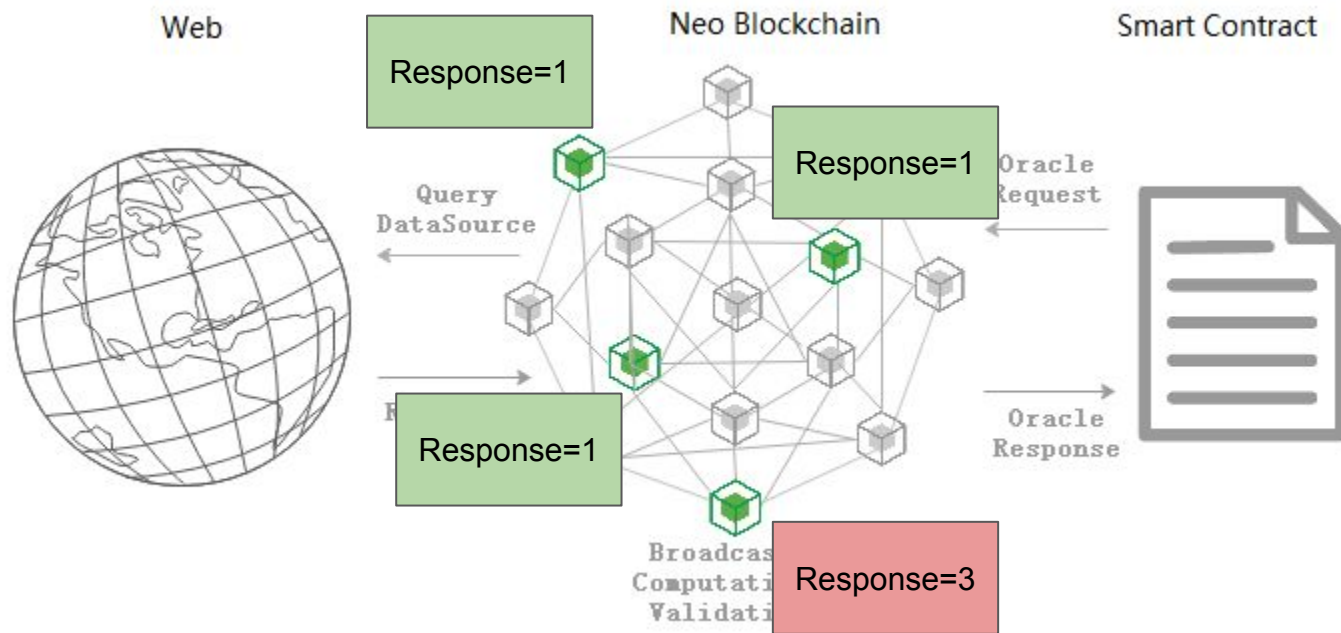
Модель запроса в Neo



Модель запроса в Neo

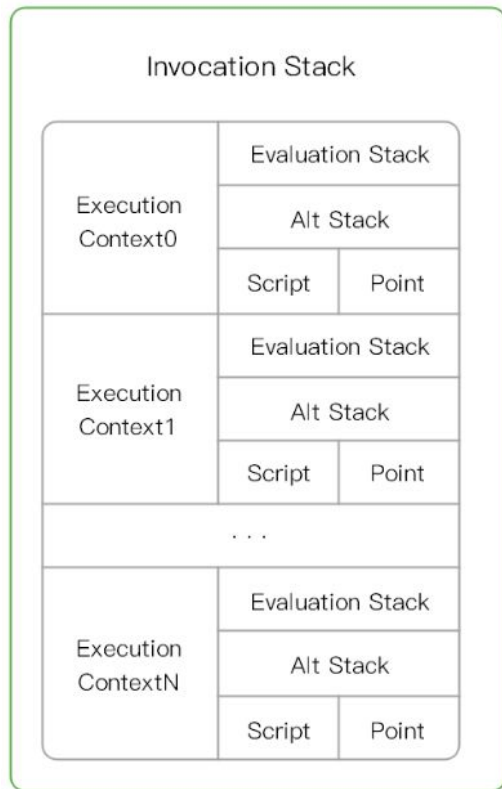


Модель запроса в Neo



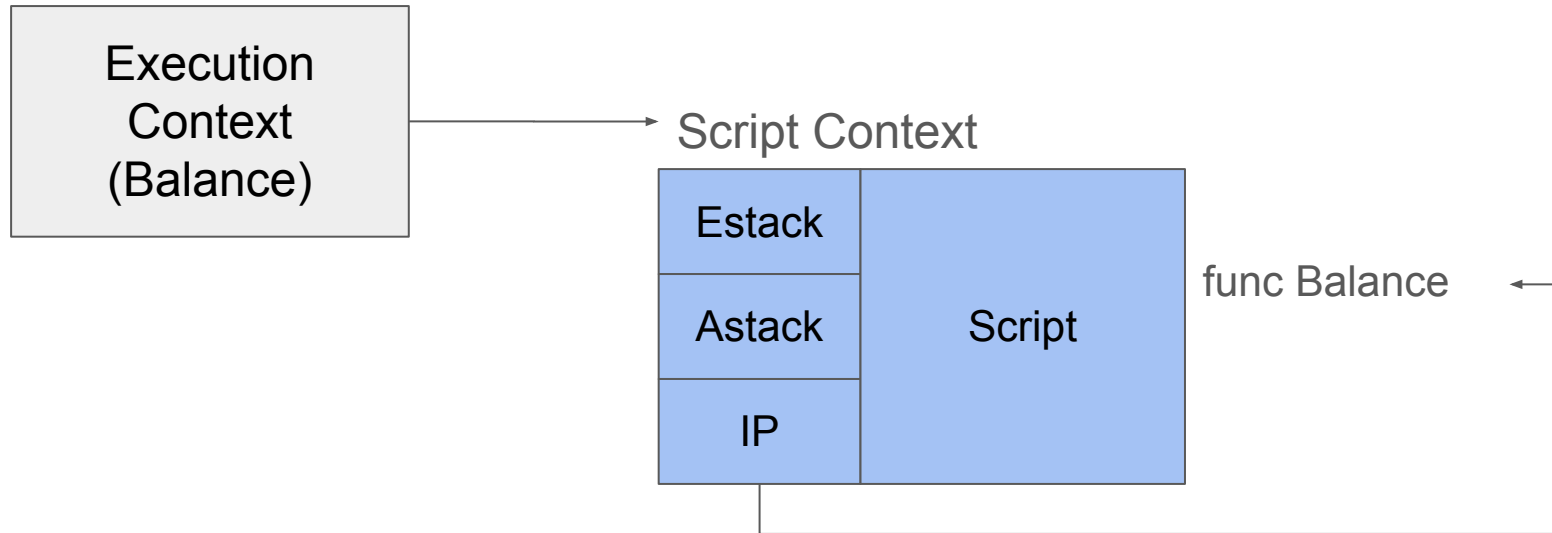
ДЕМО

Контекст выполнения

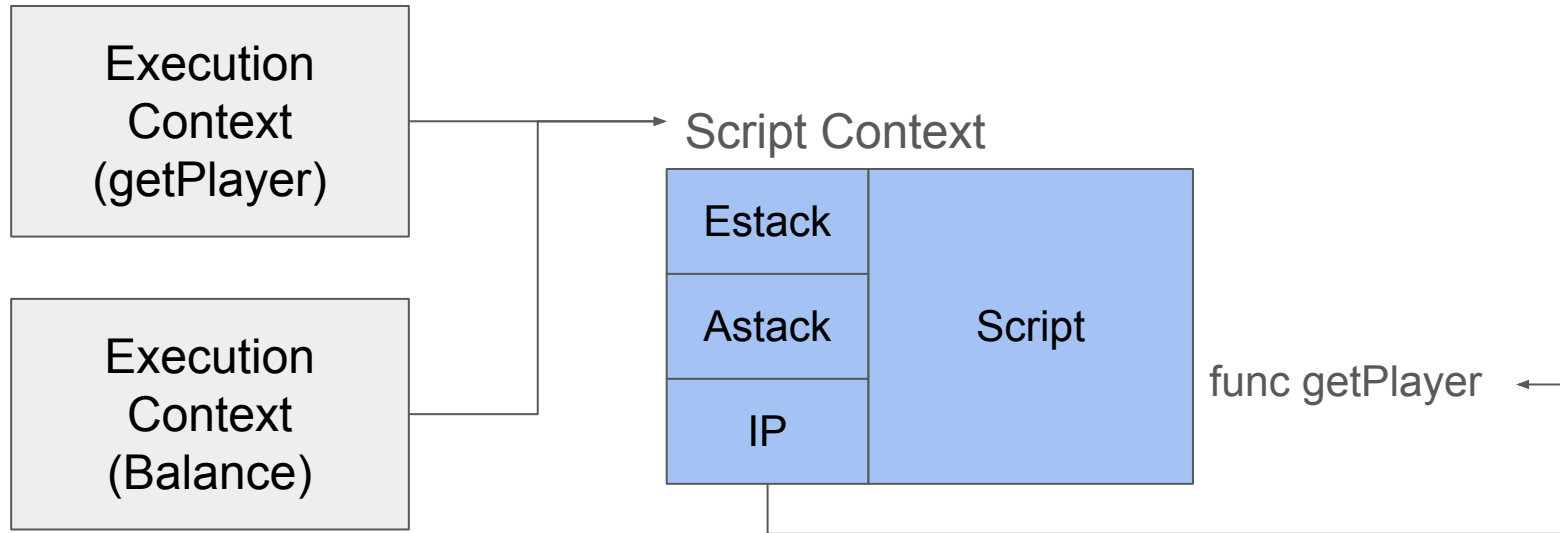


EvaluationStack is for storing the data used by the instruction in execution process. Each execution context has its own evaluation stack.

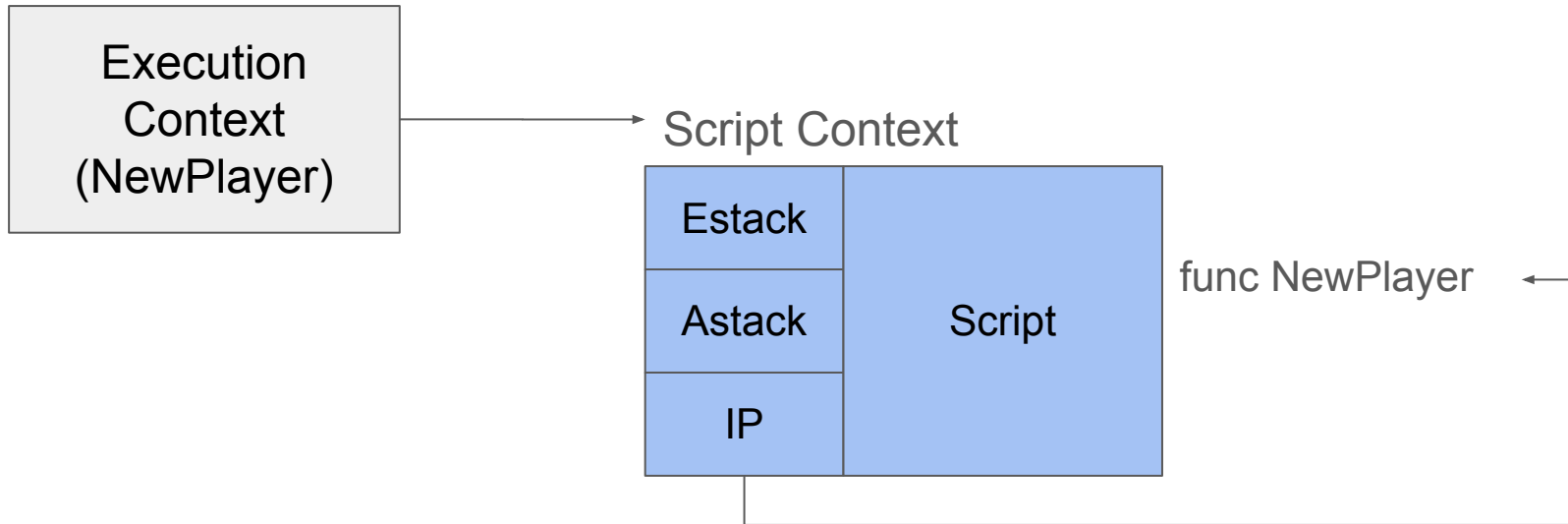
Контекст выполнения



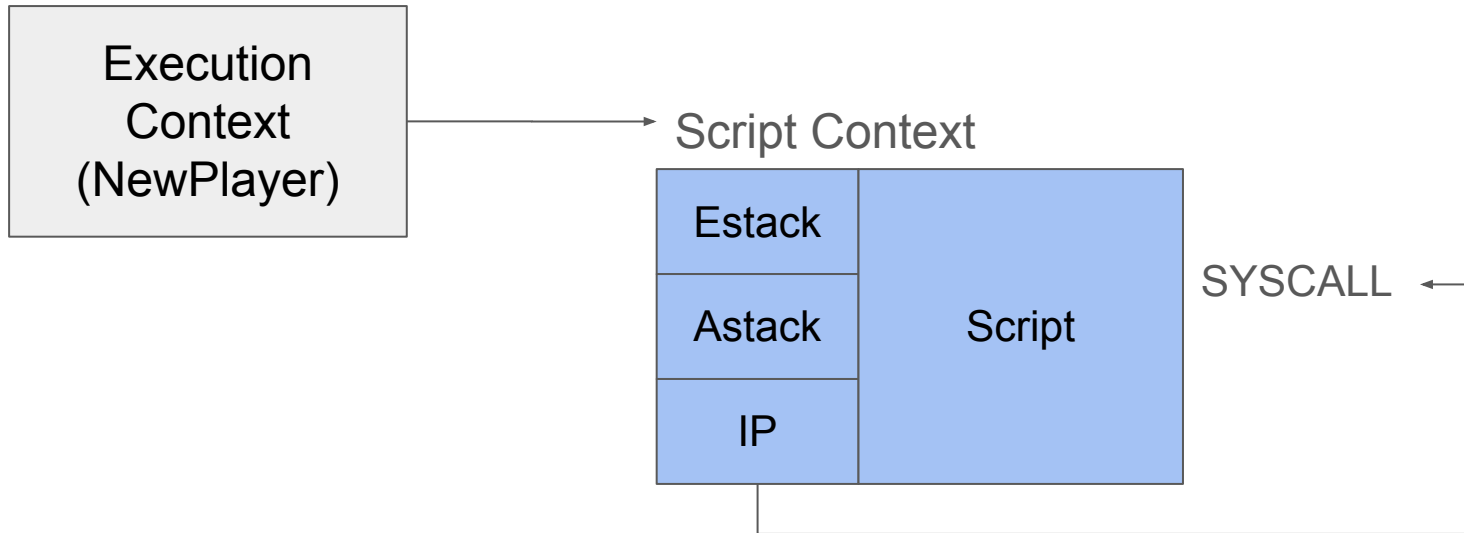
Контекст выполнения



Контекст выполнения

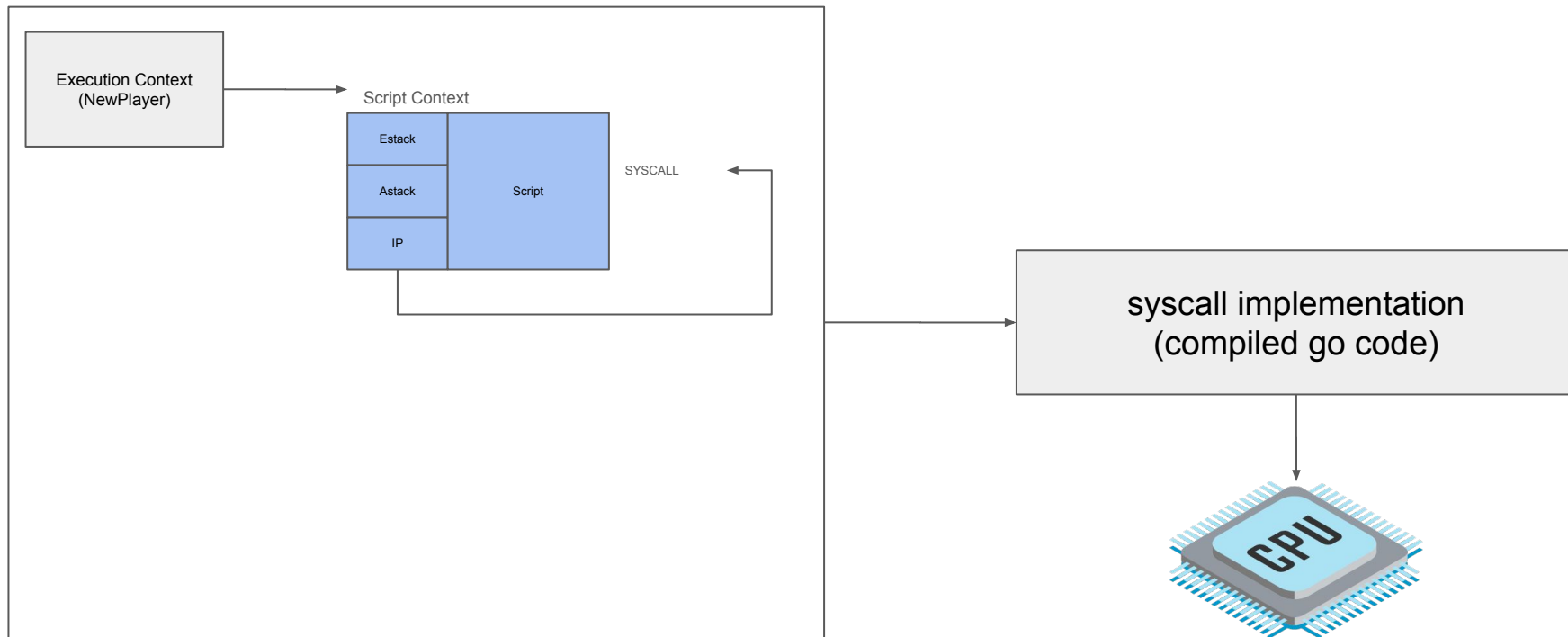


Контекст выполнения



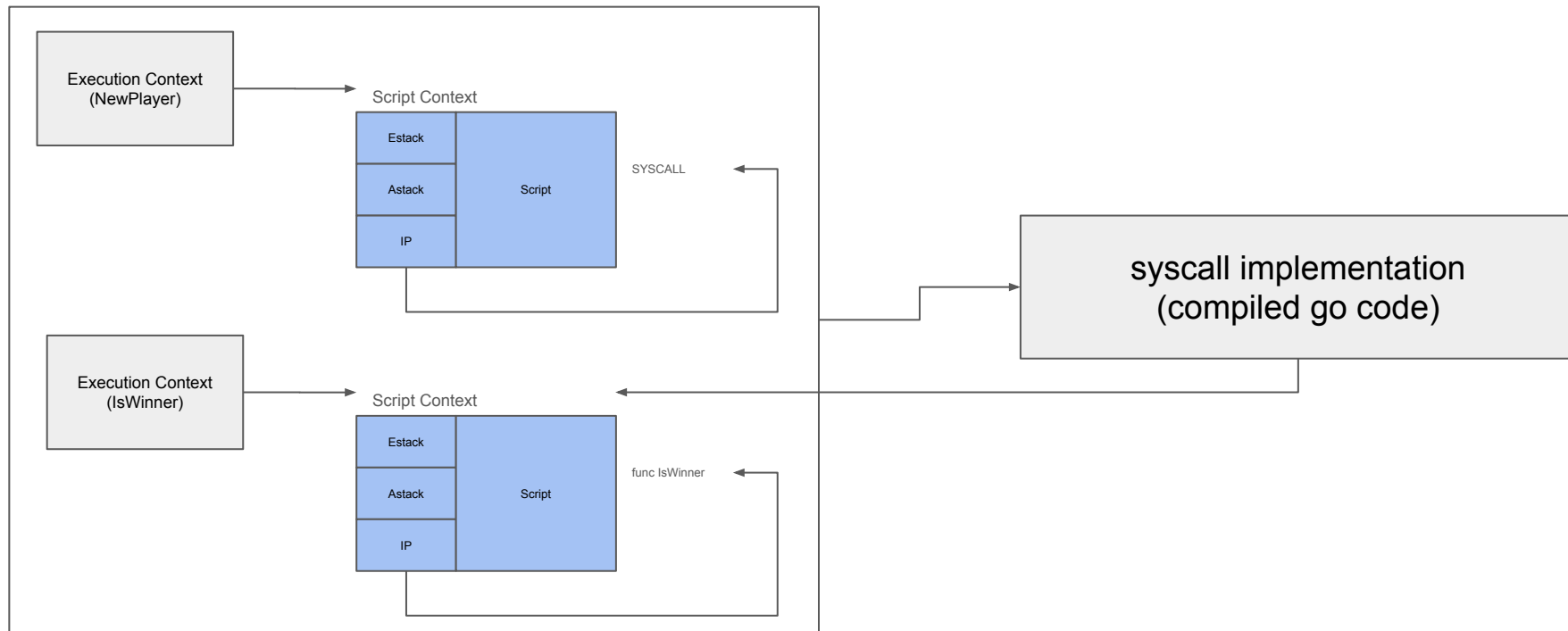
Контекст выполнения

VM



Контекст выполнения

VM



Native контракты

```
// Contracts is a set of registered native contracts.  
type Contracts struct {  
    Management *Management  
    Ledger     *Ledger  
    NEO        *NEO  
    GAS        *GAS  
    Policy     *Policy  
    Oracle     *Oracle  
    Designate  *Designate  
    Notary     *Notary  
    Crypto     *Crypto  
    Std        *Std  
    Contracts  []interop.Contract
```