

NXTBlocks.Blockchain.Demo03

Released on December 16, 2018 (AssemblyVersion: 2019.1.101.21)

Description: NXTBlocks Blockchain Demo #03 (NXT_2019.1.101.21_DEM_03)

--- Begin Of Demo ---

```
{
  "Chain": [
    {
      "Index": 0,
      "TimeStamp": "2018-12-16T16:41:58.9479188+01:00",
      "PreviousHash": null,
      "Hash": "LasU+R11xTryARUG75RdQkwOPrLb61SiYynYpT57y9Y=",
      "Data": "{}"
    },
    {
      "Index": 1,
      "TimeStamp": "2018-12-16T16:41:59.0634857+01:00",
      "PreviousHash": "LasU+R11xTryARUG75RdQkwOPrLb61SiYynYpT57y9Y=",
      "Hash": "3Xibf59ezd7/c5oWDTjm2jpr3CoRCOA+3pr6DS8mZtE=",
      "Data": "{sender:Alice,receiver:Bob,amount:10}"
    },
    {
      "Index": 2,
      "TimeStamp": "2018-12-16T16:41:59.0651436+01:00",
      "PreviousHash": "3Xibf59ezd7/c5oWDTjm2jpr3CoRCOA+3pr6DS8mZtE=",
      "Hash": "+Ef+C7mcMGoS29a09Mguon8PZfWU0/d7r2020Nz4RX4=",
      "Data": "{sender:Alice,receiver:Bob,amount:20}"
    },
    {
      "Index": 3,
      "TimeStamp": "2018-12-16T16:41:59.0651967+01:00",
      "PreviousHash": "+Ef+C7mcMGoS29a09Mguon8PZfWU0/d7r2020Nz4RX4=",
      "Hash": "pwwjQ/7UfZEKPaAS2sM715AHTulAdha4ixTzpXPKpDU=",
      "Data": "{sender:Alice,receiver:Bob,amount:30}"
    }
  ]
}
```

Is Chain Valid: True

Update amount to 100

Is Chain Valid: False

Update hash

Is Chain Valid: False

Update the entire chain

Updating block #1

Index = 1

TimeStamp = 16/12/2018 16:41:59

PreviousHash = LasU+R11xTryARUG75RdQkwOPrLb61SiYynYpT57y9Y=

Hash = FmPXPmFPch0NNXISaRRZSBpgwm0IR1EqyGKTGvUQSQ=

Data = {sender:Alice,receiver:Bob,amount:100}

Updating block #2

Index = 2

TimeStamp = 16/12/2018 16:41:59

PreviousHash = FmPXPmFPch0NNXISAfRRZSBpgwm0IR1EqyGKTGvUQSQ=

Hash = 2HmRFkvOq3IsWLwYaOktMJACf5pUnt2YO5iR7Ige7ac=

Data = {sender:Alice,receiver:Bob,amount:20}

Updating block #3

Index = 3

TimeStamp = 16/12/2018 16:41:59

PreviousHash = 2HmRFkvOq3IsWLwYaOktMJACf5pUnt2YO5iR7Ige7ac=

Hash = Qzq180ayocL8gN/zXf4Hul+Ko+wLLHhbe14n1Qtnn7U=

Data = {sender:Alice,receiver:Bob,amount:30}

Is Chain Valid: True

```
{
  "Chain": [
    {
      "Index": 0,
      "TimeStamp": "2018-12-16T16:41:58.9479188+01:00",
      "PreviousHash": null,
      "Hash": "LasU+Rl1xTryARUG75RdQkwOPrLb61SiYynYpT57y9Y=",
      "Data": "{}"
    },
    {
      "Index": 1,
      "TimeStamp": "2018-12-16T16:41:59.0634857+01:00",
      "PreviousHash": "LasU+Rl1xTryARUG75RdQkwOPrLb61SiYynYpT57y9Y=",
      "Hash": "FmPXPmFPch0NNXISAfRRZSBpgwm0IR1EqyGKTGvUQSQ=",
      "Data": "{sender:Alice,receiver:Bob,amount:100}"
    },
    {
      "Index": 2,
      "TimeStamp": "2018-12-16T16:41:59.0651436+01:00",
      "PreviousHash": "FmPXPmFPch0NNXISAfRRZSBpgwm0IR1EqyGKTGvUQSQ=",
      "Hash": "2HmRFkvOq3IsWLwYaOktMJACf5pUnt2YO5iR7Ige7ac=",
      "Data": "{sender:Alice,receiver:Bob,amount:20}"
    },
    {
      "Index": 3,
      "TimeStamp": "2018-12-16T16:41:59.0651967+01:00",
      "PreviousHash": "2HmRFkvOq3IsWLwYaOktMJACf5pUnt2YO5iR7Ige7ac=",
      "Hash": "Qzq180ayocL8gN/zXf4Hul+Ko+wLLHhbe14n1Qtnn7U=",
      "Data": "{sender:Alice,receiver:Bob,amount:30}"
    }
  ]
}
```

--- End Of Demo ---

Press Enter key to continue...