

NXTBlocks.Blockchain.Demo01

Released on December 1, 2018 (AssemblyVersion: 2019.1.101.45)

Description: NXTBlocks Blockchain Demo #01 (NXT_2019.1.101.45_DEM_01)

--- Begin Of Demo ---

```
{
  "Chain": [
    {
      "Index": 0,
      "TimeStamp": "2018-12-02T10:41:53.8649407+01:00",
      "PreviousHash": null,
      "Hash": "YBZy1JQGJh5bcWqVhNIUSoWS/l8oFrFQxRKKP/9GjuQ=",
      "Data": "{}"
    },
    {
      "Index": 1,
      "TimeStamp": "2018-12-02T10:41:53.8789325+01:00",
      "PreviousHash": "YBZy1JQGJh5bcWqVhNIUSoWS/l8oFrFQxRKKP/9GjuQ=",
      "Hash": "W94av4Hjuo5/0uVgvAjd+X6XJGlmFjo4vmX/piOEIlgQ=",
      "Data": "{sender:Alice,receiver:Bob,amount:10}"
    },
    {
      "Index": 2,
      "TimeStamp": "2018-12-02T10:41:53.8799317+01:00",
      "PreviousHash": "W94av4Hjuo5/0uVgvAjd+X6XJGlmFjo4vmX/piOEIlgQ=",
      "Hash": "EnkJUJ+YsproYuWQvHFu0bMIKkqzpj2rvW24AtegPH0=",
      "Data": "{sender:Alice,receiver:Bob,amount:20}"
    },
    {
      "Index": 3,
      "TimeStamp": "2018-12-02T10:41:53.8799317+01:00",
      "PreviousHash": "EnkJUJ+YsproYuWQvHFu0bMIKkqzpj2rvW24AtegPH0=",
      "Hash": "kuImffk3BfKsj/0NyZatw8Jb8VzGnhMeDZrv2wHyufg=",
      "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 = 02/12/2018 10:41:53

PreviousHash = YBZy1JQGJh5bcWqVhNIUSoWS/l8oFrFQxRKKP/9GjuQ=

Hash = 6dxhMZ+FJuLMxhLUNztZ5iLva9Z04ignNZi5+KDWPgg=

Updating block #2

Index = 2

TimeStamp = 02/12/2018 10:41:53

PreviousHash = 6dxhMZ+FJuLMxhLUNztZ5iLva9Z04ignNZi5+KDWPgg=

Hash = 1SxlmzPbX/vnmFNewQSIJfZRTvA/jJoN6QgK6UrRCGI=

Updating block #3

Index = 3

TimeStamp = 02/12/2018 10:41:53

PreviousHash = 1SxlmzPbX/vnmFNewQSIJfZRTvA/jJoN6QgK6UrRCGI=

Hash = wSQkSE8xTdA6TeSc/b0k2PZex3UvAW9jDKgcnrvOwck=

Is Chain Valid: True

```
{
  "Chain": [
    {
      "Index": 0,
      "TimeStamp": "2018-12-02T10:41:53.8649407+01:00",
      "PreviousHash": null,
      "Hash": "YBZy1JQGJh5bcWqVhNIUSoWS/18oFrFQxRKKP/9GjuQ=",
      "Data": "{}"
    },
    {
      "Index": 1,
      "TimeStamp": "2018-12-02T10:41:53.8789325+01:00",
      "PreviousHash": "YBZy1JQGJh5bcWqVhNIUSoWS/18oFrFQxRKKP/9GjuQ=",
      "Hash": "6dxhMZ+FJuLMxhLUNztZ5iLva9Z04ignNZi5+KDWPgg=",
      "Data": "{sender:Alice,receiver:Bob,amount:100}"
    },
    {
      "Index": 2,
      "TimeStamp": "2018-12-02T10:41:53.8799317+01:00",
      "PreviousHash": "6dxhMZ+FJuLMxhLUNztZ5iLva9Z04ignNZi5+KDWPgg=",
      "Hash": "1SxlmzPbX/vnmFNewQSIJfZRTvA/jJoN6QgK6UrRCGI=",
      "Data": "{sender:Alice,receiver:Bob,amount:20}"
    },
    {
      "Index": 3,
      "TimeStamp": "2018-12-02T10:41:53.8799317+01:00",
      "PreviousHash": "1SxlmzPbX/vnmFNewQSIJfZRTvA/jJoN6QgK6UrRCGI=",
      "Hash": "wSQkSE8xTdA6TeSc/b0k2PZex3UvAW9jDKgcnrvOwck=",
      "Data": "{sender:Alice,receiver:Bob,amount:30}"
    }
  ]
}
```

--- End Of Demo ---

Press Enter key to continue...