



MultiChain

Private Blockchain Platform

MultiChain Web Demo

Simple Web Interface to Perform Some Blockchain Transactions via Browser

As per its GitHub Page [here](#), This software uses PHP to provide a web front-end for a [MultiChain](#) Blockchain node.

It currently supports the following features:

- Viewing the node's overall status.
- Creating addresses and giving them real names (names are visible to all nodes).
- Changing permissions for addresses.
- Issuing assets, including custom fields and uploading a file.
- Updating assets, including issuing more units and updating custom fields and file.
- Viewing issued assets, including the full history of fields and files.
- Sending assets from one address to another.
- Creating, decoding and accepting offers for exchanges of assets.
- Creating streams.
- Publishing items to streams, either as text or an uploaded file.
- Viewing stream items, including listing by key or publisher and downloading files.

The web demo does not yet support the following important functionality in the MultiChain API:

- Multisignature addresses and transactions.
- Adding metadata (or stream items) to permissions or asset transactions.
- Viewing an addresses' transactions.
- Subscribing to assets and viewing their transactions.

- Viewing a list of keys or publishers in a stream.
- Peer-to-peer node management.
- Message signing and verification.

I will now refer to It's GitHub Page for the installation.

This is how it will look like after the installation:

MultiChain Demo – default

[Node](#) [Permissions](#) [Issue Asset](#) [Update](#) [Send](#) [Create Offer](#) [Accept](#) [Create Stream](#) [Publish](#) [View Streams](#)

My Node

Name	chain1
Version	1.0 alpha 24
Protocol	10006
Node address	chain1@172.31.59.194:9541
Blocks	333713
Peers	1

Connected Nodes

Node IP address	172.31.59.244
Handshake address	13duoy58jRZPjeNpb1aLakXpERC9LnKAV9LD4f
Latency	0.049 sec

My Addresses

Address	15WxrKYis1MNndS2Ej597GG4N3D5pjkR6GveaB
Permissions	none (cannot set label) - change

Label	Set label
Address	1DtvVMkyCdTRTEbAxxKpnm8hnWDTRgVyfRR9dB
Permissions	connect, send, receive, issue, create, mine, admin, activate - change
asset1	825
asset2	9

Get new address

That's it for this lecture.

If you are interested in conducting Blockchain training in your city, office or country please reach out to us using [this link](#) or drop us an email at training@recordskeeper.co.