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:

That's it for this lecture.

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