Assets on the Lightning Network with RGB





Who are we?

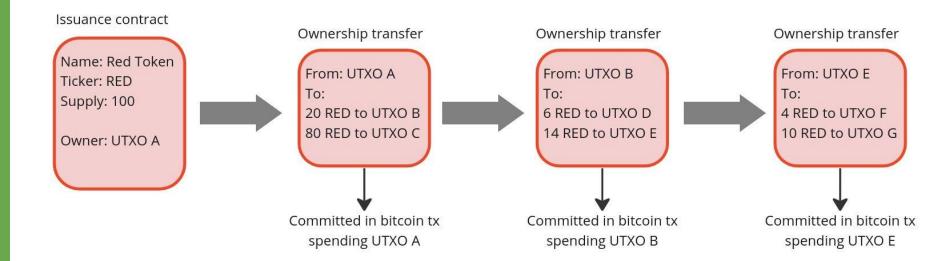
- RGB focused team inside Bitfinex
- Developed Iris Wallet, an RGB wallet for Android
- Released multiple RGB devs tools such as rgb-lib
- Recently released rgb-lightning-sample, an RGB compatible lightning node based on LDK



Quick recap of RGB

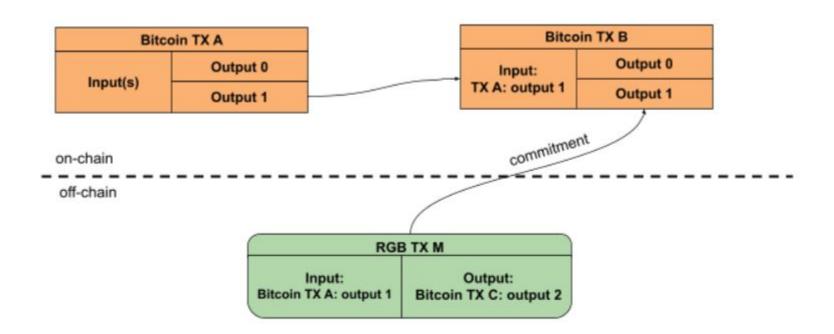
















Why RGB on LN

- Digital Assets can enjoy LN speed and low fees, while also benefiting from Bitcoin security
- Stablecoins are an evident use case that could widely benefit from LN
- Having stablecoins building infrastructure on LN is good also for Bitcoin itself
- More routing volumes help nodes to cover their infrastructure costs





General idea

- Send assets to the multisig UTXO of a lightning channel opening
- At every channel update, create a new pair of RGB state transitions send the assets to the output of lightning commitment transactions
- When the channel closes, each party moves the assets from the lightning commitment transaction UTXO, to one they exclusively controll



