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EtherScan

The name of the application I utilize the most on both my laptop using the Windows OS and on my android mobile device using the Android OS is called EtherScan. *EtherScan Information Center*,*2019*,” It is the leading block explorer for the Ethereum Blockchain. It exists as an independent entity”. Not one person owns it nor does one person manage it, it was created to be used by developers and other open-source enthusiasts for all things decentralized including creating and launching applications as well as by web3 enthusiasts, crypto day traders and blockchain validators such as myself. It is very helpful in looking up, verifying, and confirming transactions taking place over the Ethereum Network.

When any transaction does takes place over the Ethereum Network whether it fails, is pending, finalized or complete the information will be documented and publicly displayed on a ledger via the blockchain explorer. Once these transactions take place over the Ethereum network and broadcasted it is almost impossible to manipulate or perform a refund. For the transaction to become finalized it is run through about 700,000 computers or laptops that have downloaded the g-eth node software and maintain and run it known as validators, the software runs each transaction through a complex series of algorithm, it is then stored on the blockchain public ledger forever and is viewable to anyone. There is no middleman or centralized banks involved, it is E2E (peer to peer) allowing no room for errors to occur or for things to be altered or manipulated by hackers. I would recommend this application to others more so focused towards the blockchain enthusiasts and Open-Source developers that creating, testing, then launching Dapps as well as validators running g-eth nodes for easier access of viewing their transactions.

Here is the Application URL: [Ethereum (ETH) Blockchain Explorer (etherscan.io)](https://etherscan.io/). Go on, create an account and start connecting your API endpoints to EtherScan to keep track of your assets and eth transactions.

Research Cited

“What Is Etherscan.” *Etherscan Information Center*, 27 Nov. 2019, info.etherscan.com/what-is-etherscan/. Accessed 24 Oct. 2022.

<https://info.etherscan.com/what-is-etherscan/>