

# Nostr 101

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# What is nostr

- Nostr stands for “Notes and Other Stuff Transmitted by Relays”
- Every nostr account is identified by a public key
- Messages are sent and retrieved to and from relays
- Messages are called events and are all signed by users private key
- Nostr is a simple messaging protocol

# What nostr is not

- A social network
- Decentralized utopia
- Salvation for all censorship problems
- Ready for mass adoption

# Another private key??

- Each nostr account equals private/public key pair
- Public key is your username
- Private key is your password



# Keys

Hex public key: 0000b4531aa09178605bb156570e78155efe1c4843adc9608aea46f5c20fac11

Hex private key: a502d75c9e52f71faf0257250f38f0e6d7e9476549dca716be2ad40d500flccd

NIP-19:

Npub public key: npub1qqqtg5c65zghsczmk9t9wrncz400u8zggwkujcy2afr0tss04sgsy2vfsz

Nsec private key: nsec155pdwhy72tm3ltcz2ujs7w8sumt7j3m9f8w2w9479t2q65q0rnxs7acjnw

# But where is my data

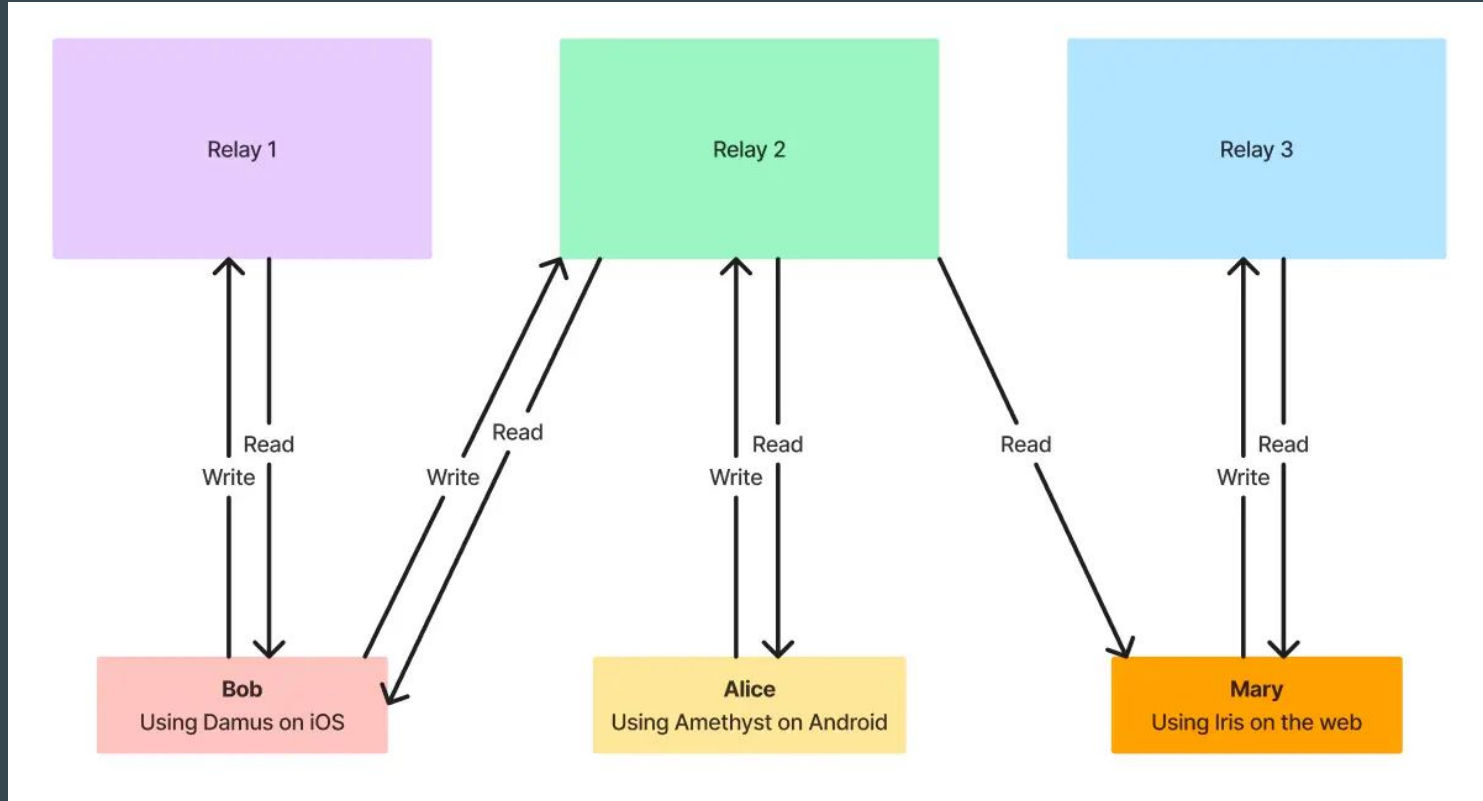
Simplicity of nostr:

- Clients are the interface that users use to read and write data to relays
- Relays are databases. But there is many of them. And that is the point of nostr.

But whats the catch?

- Clients are interchangeable and can work with all relays (kinda)

# Relays



# But why?

- You can't be banned (from your own relay)
- Censorship resistant
- You own your own data
- Possibilities of spam mitigation
- Scalable !?



# Clients

50+ clients no nostr.net

- snort.social (twitter-like interface)
- iris.to (twitter-like interface)
- amethyst.social (android client)
- damus.io (ios client)

# Zaps

- Nostr + lightning = FUN
- We are not tipping, we are zapping
- Lnurl enabled tips
- Adding huge volumes on transactions to lightning
- Value4Value
- Signal vs Noise

# Security & Privacy

- You will (likely) lose your (first) keys
- Never paste your private key into any (web) client
- Use Alby or Nos2x extensions to authorize and sign events
- Everyone can log in to your account ..... But they cant read DMs or post msgs
  - You leak who you talk to
- Nostr is not a replacement for secure communication
  - Use battle tested solutions for sending out your dick pics

# Finding friends to follow

- NIP-05
- Nostr.directory
- nonse

# The fun stuff

- Marketplaces
  - For everything
    - <https://nostr.bitejo.com/>
    -
- Content discovery
  - Sci-hub?
- Community spaces
- Meetup.com on nostr

# Linkzzz

- [nostr.net](https://nostr.net)
- [nostr.how](https://nostr.how)
- [Snort.social](https://snort.social) (twitter-like interface)
- [iris.to](https://iris.to) (twitter-like interface)
- [amethyst.social](https://amethyst.social) (android client)
- [damus.io](https://damus.io) (ios client)