

xByte

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x402 Hackathon

xByte infra.

Facilitates “Pay-per-Byte” x402 payments.

- Content agnostic (*Movie, Music, File, Live-stream, etc.*)
 - Pay \$0.001 USDC/megabyte of a movie.
- Integrate xByte-SDK (*Typescript*) and go!

Description_{<P, D>}

As a _{<P>}, I want to _{<D>}

- As a **Platform**
 - Reach *"pay for what you consume"*
 - Reduce account sharing.
 - Plug-and-play metered billing.
- As an **AI-agent**
 - Access content across platforms.
 - Pay royalties directly to artists, streamers, etc.
- As a **User**
 - Pay for what you actually watch or listen to.
 - Web2-friendly fund w/ cards or PayPal.
 - Under the hood it's USDC on x402

Description_{<P,D>} (*conti.*)

As a _{<P>}, I want to _{<D>}

- As a **Creator / Artist**

- Reach AI agents.
- Transparent on-chain royalties.
- Earn more when specific moments go viral and are replayed or rewatched.
- Access gated content. (*White-list, black-list, VIP, etc.*)

- As a **Nerd / TOR user**

- Earn when seeding bytes.
- Monetize seeding and peering for movies, software, and more.
- Platforms like thePirateBay could use xByte to incentivize torrenting.

Tech Stack

Scope

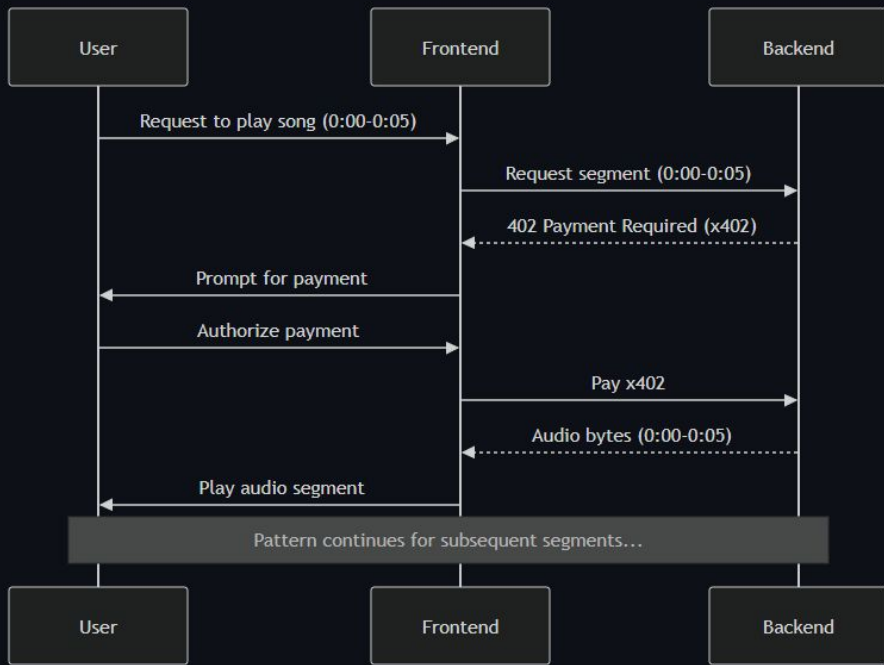
- **xByte's Infra** built using Rust. (**API Server**)
- **xByte's SDK** built using Typescript. (**Client facing**)

Clients (*e.g. Netflix, Spotify, Twitch, etc.*)

Are responsible for

- Handling customer-side x402 payments
- Managing customer wallets (*e.g. Privy, PayPal, etc.*)

Tech Stack (*conti.*)



Demo

"Spotify x Netflix" dummy platform for PoC.

Resources

<https://github.com/arvmor/xByte>