

xByte

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 $\langle P, D \rangle$

As a $\langle P \rangle$, I want to $\langle D \rangle$

- 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 $\langle P, D \rangle$ (cont.)

As a $\langle P \rangle$, I want to $\langle D \rangle$

- 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

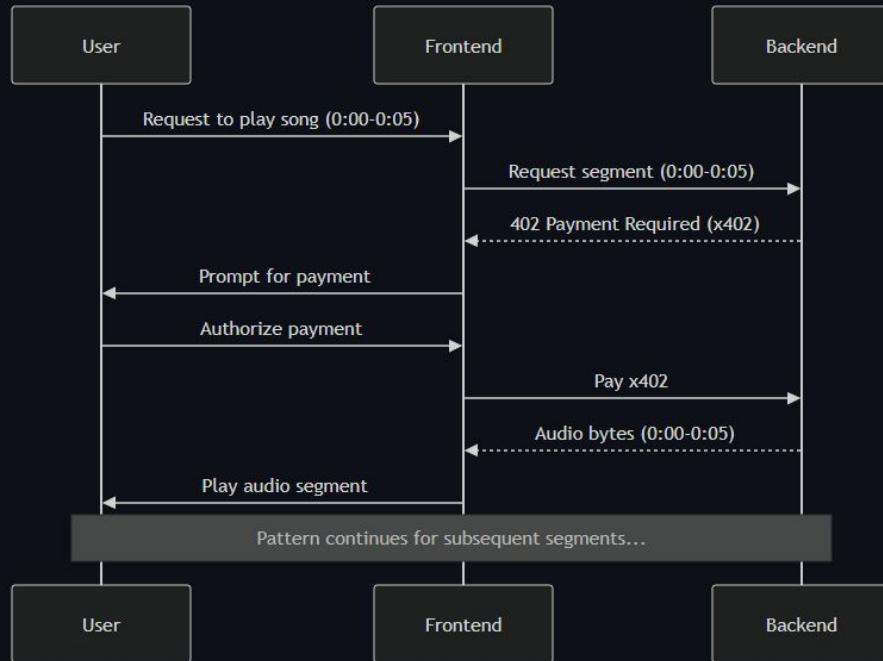
- **xByte's Infra** built using Rust. (**API Server**)
- **xByte's SDK** built using Typescript. (**Client facing**)

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 (contd.)



Demo

“Spotify x Netflix” dummy platform for PoC.

Resources

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