

Subscription payments with wallet abstraction #





Subscription payments are not widespread in the crypto space.

The current crypto user experience is not compatible with traditional subscription payment processing.





- Simplify spending with account abstractions
- Recurring payments directly from externally owned wallets or smart contracts
- Intent centric architecture.
- 🐚 One click payment approvals on a secure checkout page.
- A simple Public API to access this service and integrate it into Web2 applications.





- A direct debit implementation with smart contracts
- ZKP based off-chain payment intents to approve payments.
- Secret splitting with layered encryption.
- A relayer to provide gas abstraction for intent solving
- And finally a web2 service to glue it all together





- We live in the age of subscriptions payments.
- The market is expected to grow to 1500 billion U.S. dollars by 2025.
- The crypto market is not included in this data!
- We expect a crypto market turnaround by 2025, but can't make any predictions.



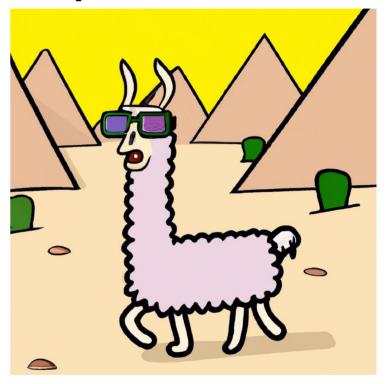
Business Model

- Wallet Abstraction and Relayer as a Service (SaaS).
- Transaction fees are built into the smart contract.
- ## A Relaying fee is charged by the relayer.
- Creating accounts and making payments is free forever.
- Gas fees are paid by the merchant. Pay as you go.
- A Pro tier for hands on support and integration help.
- Enterprise tier for dedicated hosting and custom features.



2023 Roadmap

- 1. Development Started in 2023 Q3.
 - Smart Contracts and ZKP developed
 - Front End with relayer and server
 - Neployed on BTT testnet
- 2. Early Access by 2023 Q4.
 - Rest API and Documentation released
 - ZKP Cryptography ceremony finalized
 - BTT Mainnet deployments
 - Landing page



2024 Roadmap

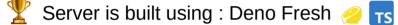
- ★ Integrations with popular services like Zapier & Wordpress.
- M Product Hunt Launch.
- Offering free gas for the first SaaS projects that add our payment method.
- More abstractions, more features.



Tech Stack











tailwindcss >







Postgresql database provided by Supabase





BTT Mainnet (





The Relayer is hosted on-premise







★ Links will be available after September 28, 2023!

- Web application: https://debitllama.com
- 📒 Docs: https://debitllama.gitbook.io/debitllama/
- Previous work: https://zkptech.solutions
- Trusted setup ceremony hosted on https://snarkyceremonies.com





>> Thank you!



Tron Dao for organizing hackathons!



Dall-e for providing me with pictures!

And you for reading this deck!

