



simonpeier /
flipcoin



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 **cerundo** Merge pull request #2 from simonpeier/frontend d076ffd · 2 days ago 🕒

📁 backend	connect to backend	2 days ago
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📄 .gitignore	Add .gitignore	2 months ago
📄 README.md	Update readmes	4 days ago

📖 README



FlipCoin, FLIP - your favourite crypto coin

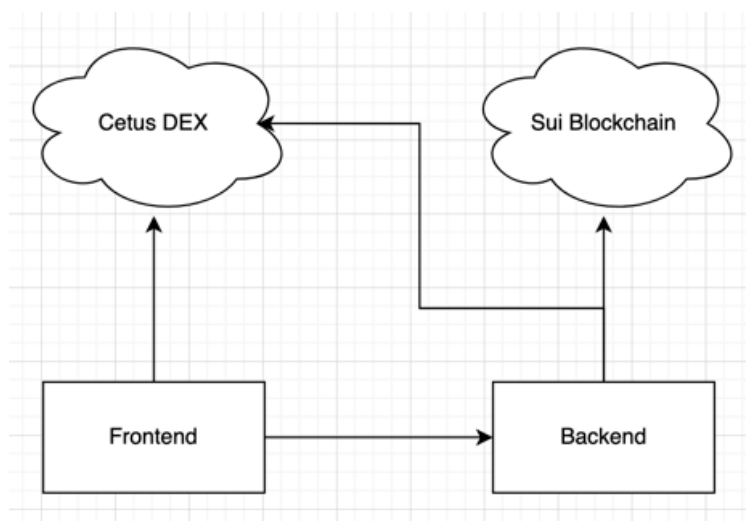
Balanced against CHF with SUI as the intermediary.

[Cetus Pool](#)

Technologies

- Frontend: React
- Backend: Express.js
- Blockchain Platform: [Sui](#)
- Public DEX: [Cetus](#)

Architecture



Frontend

Simple frontend, showing and polling various infos from the pool in the Cetus DEX, as well as the current CHF value in the treasury from the backend. Also allows for quick conversion from FLIP to SUI.

Backend

An express.js application providing CHF treasury endpoint and a regular cron-job that rebalances FLIP every 2 minutes.

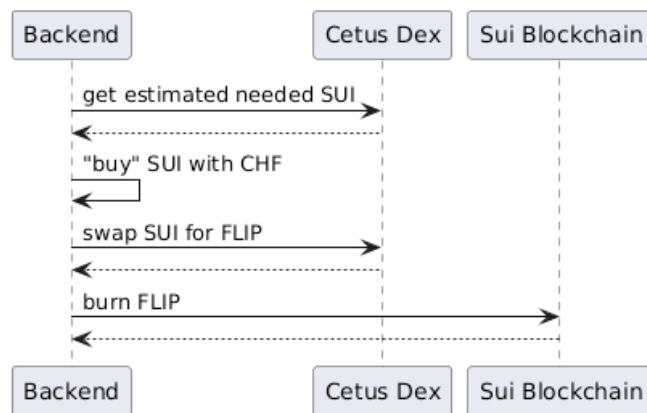
Rebalancing

For our rebalancing, we will track the current SUI to CHF exchange rate. If the exchange rate exceeds or subceedes our set limits, we will respectively mint or burn FLIP.

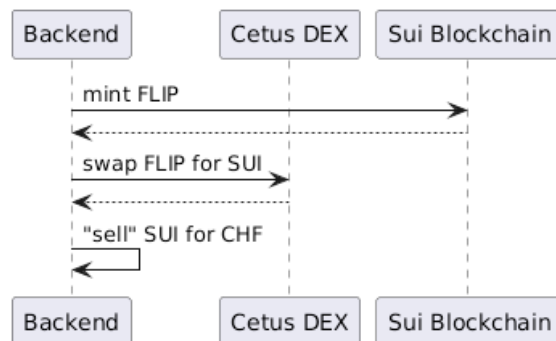
Upper limit: 4 CHF for 1 SUI

Lower limit: 1 CHF for 1 SUI

Burn



Mint



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Suggested workflows

Based on your tech stack



TsetenMG Tseten Emjee



Gulp
simonpeier Simon Peier

Build a NodeJS project with npm and gulp.



cerundo

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Datadog Synthetics

Run Datadog Synthetic tests within your GitHub Actions workflow

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Webpack

Build a NodeJS project with npm and webpack.

[Configure](#)

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