Sampan

Stablecoins in and out of Bitcoin Cash.

- Get paid in BCH and keep dollars, or bring USDC and USDT in as PUSD.
- Measured on mainnet: 18 crossings, 4 chains, 45 transactions.

sampan.sasateguh.com
Aiman Malib, Sasa Teguh (Malaysia). Solo.

Sampan

Stablecoins in and out of Bitcoin Cash.

- Swap BCH and PUSD through Cauldron pools, in one transaction your own wallet signs.
- A landing address: pay BCH to it from any wallet and it reaches your address as PUSD.
- Send PUSD out as USDC or USDT on other chains, and bring them in, on the routes and chains marked live in config.

github.com/aimanmalib/sampan

Try it in a minute

sampan.sasateguh.com

- Press Connect wallet and pair Selene, Paytaca or Cashonize through WizardConnect.
- Swap on BCH: 0.001 BCH to PUSD, read the request in your wallet and approve it.
- Bring in: pay 0.001 BCH to your landing address from any wallet. It arrives as PUSD.
- Judge path on the live site, measured with a scripted test wallet: 14.2 s of page time in WebKit set up as an iPhone 13 and 13.6 s in desktop Chromium, 3 page actions; the 3 wallet approvals a person makes are counted, not timed.

Judging? The judging guide in the repository walks the same steps with transaction ids.

The Story of Sampan

Someone finishes a job and wants to get paid in dollars on BCH from any wallet.

- They send the client one Sampan address. The client pays it like any BCH address, from the wallet they already have.
- 0.001 BCH paid to a landing address arrived as 0.20 PUSD at the owner's address: median 3.0 s over the three runs of 2026-11-15.
- On the live site, watched in WebKit set up as an iPhone 13: 3.1 s from payment to arrival.
- A client holding USDC on BNB Smart Chain sent 1.6 USDC to the same kind of address. It arrived as PUSD in 63.0 s.

`a9ceff4389d276597f2c6e958c01f31d580ad4573191ea2c17f7e7142400f0b7` (live site)
`3265f9b3269a28cd6dfefad986375f85a671122418d37e25890aee5e32051e0b` (from BNB Smart Chain)

Benefits of Sampan

- Landing address: median 3.0 s from payment to PUSD; 3.1 s on the live site.
- Any BCH wallet can pay it: Paytaca on an iPhone paid one as a plain payment, converted the same way.
- Wallets checked: Cashonize web, Selene web, Paytaca and Selene on an iPhone. Selene web paired in 5 of 5 tries with no retry.
- Send out: 2 PUSD to USDC on BNB Smart Chain in 115.9 s, to USDT in 98.4 s.
- Bring in through a landing address: 1.6 USDT from BNB Smart Chain in 48.4 s.
- If the pools cannot meet the minimum rate, the contract returns the BCH to the owner after 6 blocks.

Every run, including the failures, is a row of the measurements file in the repository.

BCH Usage

- Every action is a Bitcoin Cash mainnet transaction, listed with its id in the measurements file in the repository.
- PUSD is a CashToken; the Cauldron pools are traded inside the transaction the wallet signs.
- The landing contract is CashScript (contracts/landing.cash): its BCH can leave as PUSD to the owner or back to the owner as BCH, and nowhere else.
- WizardConnect pairs BCH wallets; the page checks what the server built before the wallet signs.
- A recovery card and a public finisher script finish a landing with no Sampan server.

The Vision for Sampan

- For: people in Southeast Asia holding USDT who want dollars on BCH; people paid in BCH who want part kept in dollars.
- BCH traded across all markets in 24 hours: USD 61,029,720 (CoinGecko API, read 2026-11-16).
- Value locked in Cauldron pools on BCH: USD 991,821 (DefiLlama API, read 2026-11-16).
- Revenue: a swap fee (business.feeBps, one output, measured once at 30 bps locally) and a route affiliate fee (thorchain.affiliateBps); landing addresses carry no fee. Both set in config, no code.
- Scenario, arithmetic, not a forecast: 1 % of that daily BCH volume at 30 bps = USD 1,831 per day.
- Sampan Pay: a spread (pay.spreadBps, 0 live) keeps the BCH left after buying the invoice's PUSD; measured once locally at 50 bps (merchant 0.20 PUSD, 1331 sats to the fee address); BitPay lists 2 % + USD 0.25 per transaction (bitpay.com/pricing, read 2026-11-16).
- Today: fee 0, hackathon limits.

Thank you

- https://sampan.sasateguh.com
- https://github.com/aimanmalib/sampan
- CashTokens address: bitcoincash:zplrydnf2z4pj4z9rv7uhmwsuxyrm8hj7uken87e7q

Produced with Claude Code under my direction.