Uzo: The Developer Path for BOT Chain

Litepaper · The Uzo Labs Team
uzolabs.xyz · docs.uzolabs.xyz · github.com/uzolabs
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Summary

Uzo is the Igbo word for road, path or way. Uzo Labs builds the path from an empty folder to a shipped application on BOT Chain: a typed SDK, starter templates, documentation, a browser tool that deploys and verifies contracts, and a kit for running hackathons. Everything that touches a user's wallet is open source. Uzo Deploy has been live on BOT Chain mainnet since November 9, 2026.

This litepaper explains the problem, what we built, how we keep users safe and where we are going. The accompanying technical paper, *Uzo: Measuring and Closing the Developer Gap on BOT Chain*, gives the measurements and the security argument in full.

1 The Problem

BOT Chain already has the pieces a developer needs: blocks in under a second, an explorer, a faucet, a decentralized exchange and a bridge. On November 10, 2026 its explorer counted 26.9 million transactions and 1.37 million addresses.

What it did not have was a clear path between those pieces. A developer arriving for the first time had to:

- write their own chain configuration, because common libraries do not include BOT Chain;
- collect contract addresses from several documentation pages;
- discover by trial and error how verification, fees and tokens behave;
- and work out which documented limits still apply. For example, the chain's own RPC documentation lists event queries as disabled on mainnet. When we measured, they worked.

Each of these costs hours. For a student at a weekend hackathon, hours decide whether a project ships.

2 What We Built

Uzo SDK. One package with BOT Chain's chain definitions, verified contract addresses for both networks, the matching ABIs and a typed explorer client. Install it and stop re-typing chain data. Published on npm as `@uzolabs/sdk`.

Table 1: Where each part stands, November 2026.

Product	Status
Uzo SDK	Released
Templates	Partly released
Documentation	Live
Uzo Deploy	Live on mainnet
Hackathon kit	In development
Uzo Index	Planned

Templates. Clone-and-deploy starters for a token, an NFT collection, a DEX integration and a gasless application. Each comes with tests, and the contract templates include deploy scripts for testnet. More are in development.

Documentation. A single reference for building on BOT Chain at docs.uzolabs.xyz, from first wallet to production. Every page says whether what it describes is live, and every address comes from one checked source.

Uzo Deploy. A web app at deploy.uzolabs.xyz. Connect a wallet, pick a template, fill in a short form and sign once. Within seconds you have a contract that is verified on the explorer, with a page to manage it. Version 1 offers a fixed-supply token, an NFT collection and a tip jar: a shareable page where anyone can send you BOT or USDT.

Hackathon kit. A kit for running a BOT Chain hackathon, to be released as open source: a starter app, track guides, workshops, a judging rubric and scripts that check each team's contract on chain. Any organizer can fork it and change one file. It is in development and will first be tested with students before a planned university series in early 2027.

3 How Uzo Deploy Keeps You Safe

A tool that deploys contracts from your wallet should need as little trust as possible. Uzo Deploy is built so that its guarantees are enforced by the contracts themselves, not by our promises.

- **We never hold your funds.** Tips go straight to the recipient in the same transaction. Factories forward the fee immediately. No Uzo contract has a function that keeps

your money.

- **We have no keys over your contract.** The factories have no owner and cannot be paused or upgraded. Tokens and tip jars have no owner at all. An NFT collection's owner is whoever you choose.
- **Your address is yours.** You see your contract's address before you sign, and no one else can deploy to it.
- **One fixed fee, shown upfront.** Each deploy costs network gas plus 0.1 BOT. The fee can never change, is never charged for a failed deploy and is never charged on tips.
- **Everything is verifiable.** The factories are verified on the explorer, every contract they create is submitted for verification automatically, and all the code is open source under the MIT licence.

The contracts have a full test suite with 100% coverage, fuzz and invariant tests, and static analysis. They are *tested, not audited*. We say so in the app and in the docs, and we recommend small amounts until an independent audit is complete.

4 Principles

Ship what works. We release what we have deployed and tested on BOT Chain ourselves, and nothing else.

Honest status. Nothing is called live until it is. Planned work is labelled as planned.

Measure, then build. We test the chain directly and correct our own materials when the facts change.

Open by default. Tools that touch wallets or that developers build on are open source.

BOT Chain first, never BOT Chain only. The core is chain-agnostic, so the same path can serve other EVM chains.

5 What Comes Next

- **More of Deploy.** An agent vault: a wallet for AI agents with spending limits enforced on chain.
- **Uzo Index.** Ready-made BOT Chain data and webhooks: prices and volume for exchange pools, token holders, bridge transfer tracking and a notification the moment a payment arrives. No indexer to run.
- **Hackathons.** The kit's first student dry run, then events at Nigerian universities.
- **More templates** and SDK helpers for the exchange and the bridge.

6 Get Involved

- Build: deploy.uzolabs.xyz and docs.uzolabs.xyz
- Read and contribute to the code: github.com/uzolabs
- Follow: x.com/uzolabs
- Found a gap in the developer experience? Open an issue on GitHub. That is our backlog.

Disclaimer. This litepaper describes software as of November 2026. It is not financial or legal advice. Uzo Labs is an independent project and is not affiliated with or endorsed by BOT Chain. All product names are the property of their owners. Built in Lagos.