LITERATURE IN WEB3

LIT3

How Blockchain Can Assist Literary Creation

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AGENDA

01 Introduction

02 Lit3 Frameworks

03 Ledger Framework

04 Permanence Framework

05 UI and Hash Demos

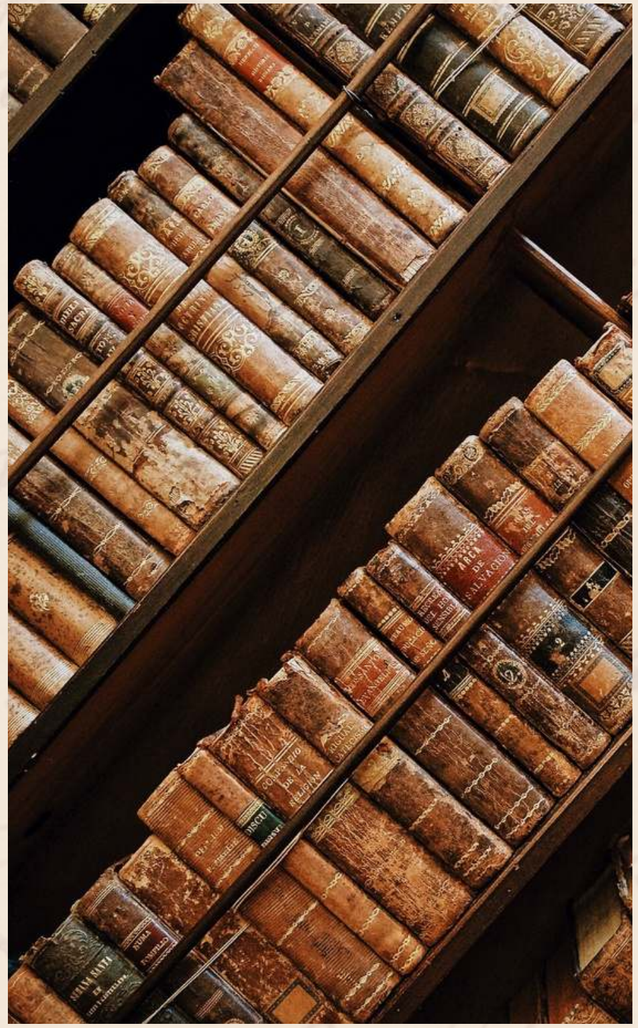
06 From Many, as One

What is Lit3?

- **<u>Why Lit3?</u> Web3 has transformed finance, art, music, and gaming. But there's one creative medium conspicuously absent from this transformation: literature.**
- **<u>Why the gap?</u> Not because blockchain can't help writers—but because we haven't seriously asked: *What does literature actually need from Web3?***

Trad-Lit Challenges

1. Economic Precarity
2. Collaborative Coordination
3. Platform Dependency
4. Canon Integrity Issues
5. Reader Engagement Limitations



Lit3 Frameworks

Token Framework

- Blockchain as Story Asset
- Core Function: Establishes funding, ownership and scarcity

Permanence Framework

- Blockchain as Story Canon
- Core Function: Ensures perpetual text integrity

Governance Framework

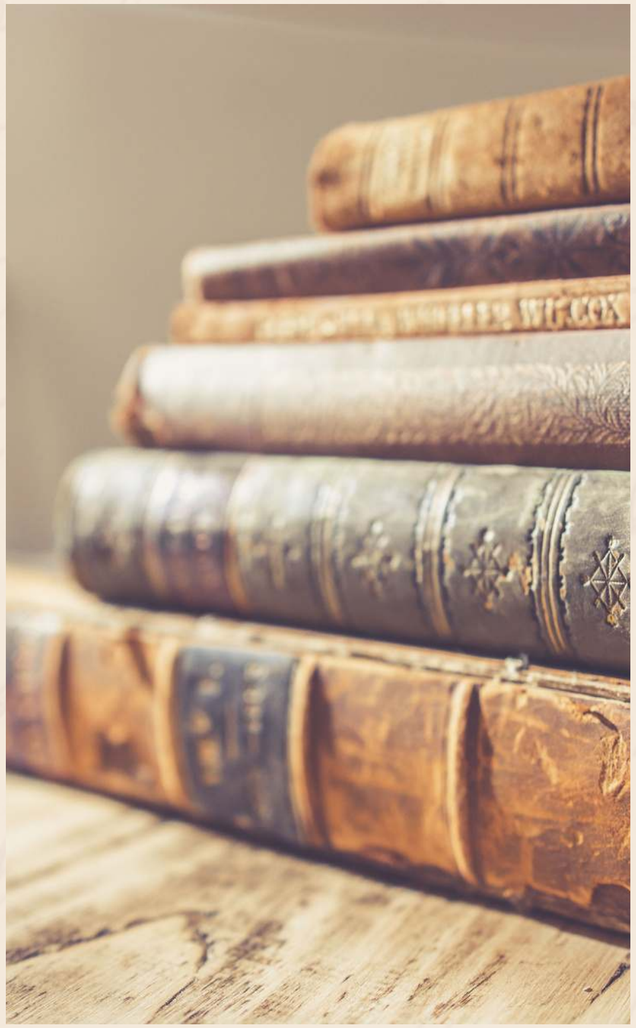
- Blockchain as Story Townhall
- Core Function: Enables reader influence and co-creation

Ledger Framework

- Blockchain as Story Registrar
- Core Function: Provides metadata management

Ledger Roles

- **Meta-narrative logs:** Timestamped narrative events, in-world locations, narrator perspectives, curator context
- **Archive versioning:** Track canonical updates without destroying history—old versions marked deprecated, complete audit trail preserved
- **Token integration:** Link archive entries to NFT contracts for collectible editions
- **Canon protection:** Proof of text authenticity via content hashing and permaweb storage



01 Lit3Ledger.sol

- Open source - MIT License
- Guides + Scripts + English/Español

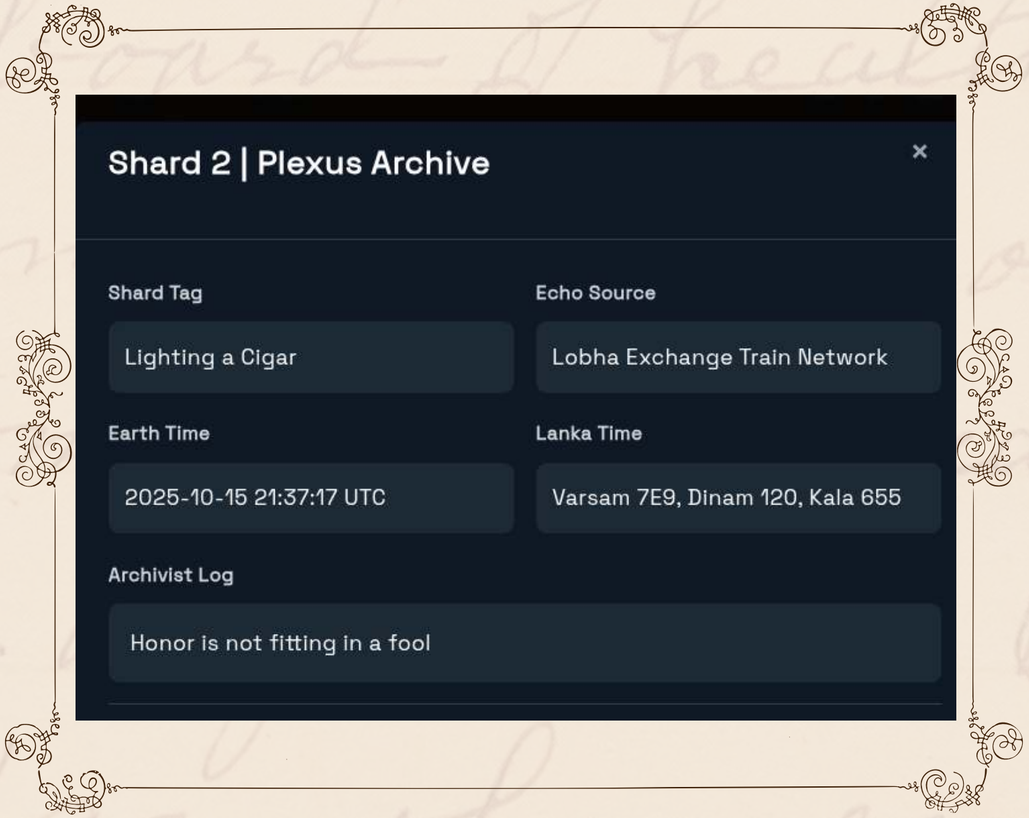
02 Key Features

- Curator-controlled access to prevent spam
- Event emission for off-chain indexing
- Optional fields for modular implementation

03 Integration

- Unified ledger for multi-NFT tracking
- Complex governance frameworks
- Non-literary implementations

```
struct Entry {
    string title;              // Meta-narrative logs
    string source;
    string timestamp1;
    string timestamp2;
    string curatorNote;
    bool deprecated;          // Archive versioning
    uint256 versionIndex;
    address nftAddress;    // Token integration
    uint256 nftId;
    bytes32 contentHash;  // Canon protection
    string permawebLink;
    string license;
}
```



UI Buttons

- **Reveal Logs: Dialog window opens with meta-narrative data**
- **Scan shard: Opens the blockchain explorer with transaction**

Dialog Window

This metadata isn't stored on the server—it's queried from The Graph, which indexes events from the smart contract.

Lit3 Backstage

01 Lit3Ledger.sol

02 Subgraph

03 The Graph

04 GraphQl Endpoint

05 Apollo Client

06 Next.js

07 UI Button

Blockchain as Story Canon

Canon Protection

The Problem:

- Broken link icon or corrupted file symbol
- Digital texts have no inherent integrity
- How do we prove authenticity?

The Solution:

Canonical Hash = Cryptographic proof of authenticity

HNP-1

The Procedure:

Hashed Normalization Protocol, Version 1

Why Normalization Matters:

- Without HNP-1: Same text, different formats → Different hashes
- With HNP-1: "Same text, any format → Same hash

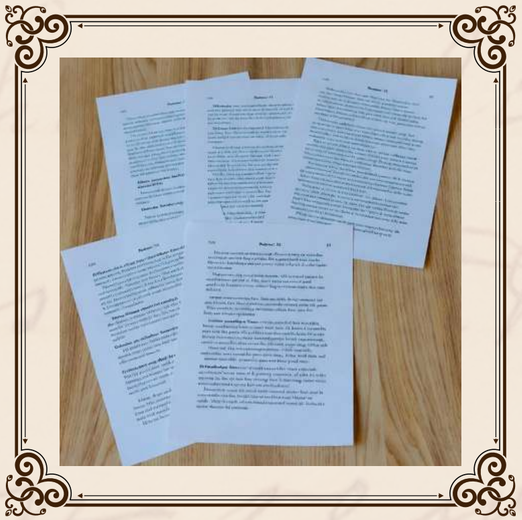
Verification

The Result:

- Anyone can take a text file
- Run the same normalization + hash process
- Compare their result to the on-chain `contentHash`
- Match = authentic. No match = altered.

The Proof: Right now—Live!

From Many, as One



Web Serial

- Serialized narrative
- Published on Royal Road, Substack, and Paragraph.
- Full UI integration in Lokapal website
- Decentralization as story topic and infrastructure

Political Intrigue

- Logline: Four cyberpunk deities clash over competing worldviews when new members join their governing council, turning philosophical differences into a high-stakes power struggle for cosmic control

Lit3 Frameworks

Full integration of the 4 lit3 frameworks

- Token Framework
- Ledger Framework
- Governance Framework
- Permanence Framework

What Could YOU Build?

Economic tools

- Expand the Token Framework
- Build better royalty split mechanisms
- Create subscription models

Collaborative tools

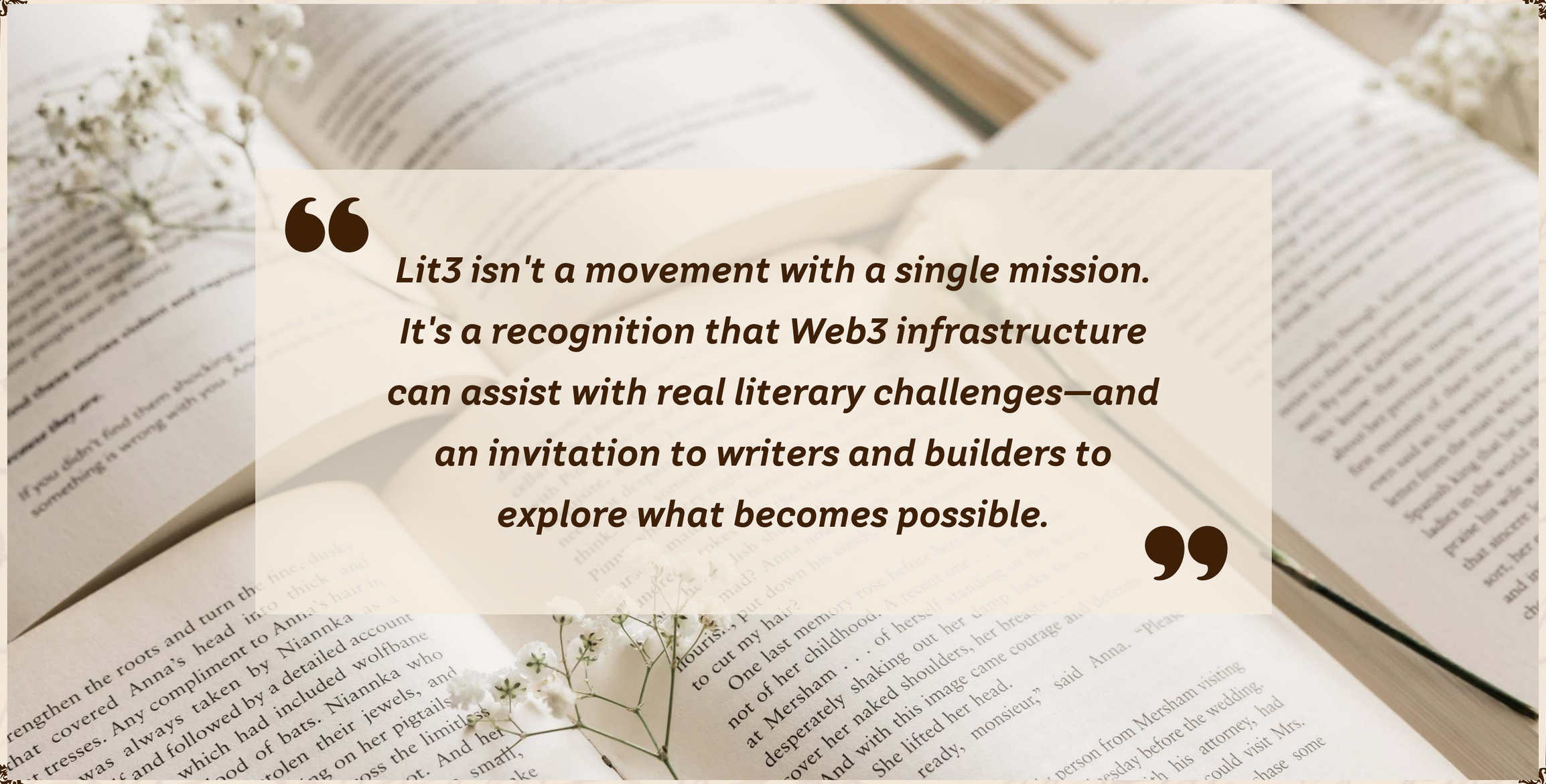
- Extend the Governance Framework
- Design voting mechanisms
- Build multi-author coordination tools

Experimental narratives

- Use the Ledger Framework
- Create branching stories
- Build cross-media experiences

Preservation tools

- Add multimedia support
- Build better normalization protocols
- Make reader-friendly verification tools



Lit3 isn't a movement with a single mission. It's a recognition that Web3 infrastructure can assist with real literary challenges—and an invitation to writers and builders to explore what becomes possible.

Thank you!

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