

DizzyHavoc Litepaper v1.0

DizzyHavoc - \$DZHV

Infinitely upgradeable, EVM-bytecode, cross-chain token

Abstract

\$DZHV envisions a decentralized financial landscape where smart contracts are not rigid entities but adaptable frameworks that can evolve with the rapidly changing crypto ecosystem. The project aspires to be a trailblazer, setting new higher standards for security, efficiency, and community participation.

\$DZHV's mission is to revolutionize DeFi by introducing a unique combination of novel contract structures, cross-chain interoperability, and engaging simple to use user experiences. The project is committed to fostering a vibrant community that actively contributes to its growth and evolution.

\$DZHV aims to become a key player in the DeFi space, providing users with a new, secure and dynamic platform for financial interactions.

Introduction

\$DZHV is a totally novel gamified decentralized finance project that redefines the traditional dynamics of smart contracts, cross-chain bridges, and community engagement. At its core, *\$DZHV* presents a unique approach to contract architecture, providing a universally destructible, replaceable, and upgradeable structure. This design not only enhances security but also allows for entirely unparalleled flexibility in adapting to evolving market needs.

\$DZHV's journey originated from the lessons learned in the development of its predecessor tokens, the last of which was 'Tangle' (*\$TNGL*), which faced significant challenges, but nonetheless attracted substantial interest. This experience fuelled the commitment to creating both a more robust and dynamic DeFi ecosystem, alongside adopting the 'grander whole vision' approach as opposed to accepting long-established compromises, leading to the deployment of *\$DZHV*.

The project is driven by a forward-thinking developer, passionate about addressing the limitations and misconceived notions of existing smart contract structures, with a strong focus to optimize elements that may benefit from improvement.

In the following sections of this litepaper, we will delve into the core features of DZHV, offering a detailed exploration of its core features including the aforementioned infinitely upgradeable contract, the functionality and ramifications of the cross-chain bridge, and the innovative trading game that enables a gamified dimension to the pre-existing decentralized finance ecosystem.

Tokenomics

Current Circulation: 946,778,380 (94.7%)
Maximum Supply: 1,000,000,000

Currently prior to bridge going to live the current tokenomics are:

Ethereum Chain: 160,000,000 (16.0%)
Avalance C Chain: 315,778,380 (31.6%)
Binance Smart Chain: 171,000,000 (17.1%)
Arbitrum Chain: 140,000,000 (14.0%)
Base Chain: 160,000,000 (16.0%)

Currently the development team holds 17,350,000 circulating tokens, with scope to mint the remaining 53,221,620 tokens. This would bring the team's total allocation to 70,571,620 tokens (7.1%). These tokens will be minted upon requirement, and will be used in the strategic interest of \$DZHV.

DZHV employs a dynamic approach to liquidity management across chains, emphasizing flexibility to market conditions. The liquidity distribution aims for half in a full V3 position and half in a V3 spot position for all chains except AVAX, where specific considerations are in place¹. Despite the ideal scenario of perfectly balanced tokens, liquidity, and prices, maintaining this equilibrium becomes impractical due to the constant flux caused by user actions. Rather than adjusting parameters with every trade, liquidity adjustment, or bridge activity, the approach is pragmatic. The system expects occasional imbalances, which are addressed during stabilization phases. The project anticipates employing small mints or burns using existing liquidity rewards and pools to maintain 1 billion total supply. As DZHV expands to new chains, an envisioned automated system will manage liquidity, positioning it relative to the volume of each chain. The frequency of minting or burning is proportional to the need arising from user activities. Factors such as trading interruptions, smooth liquidity provision by holders, and reaching upper liquidity limits influence the decision to mint additional tokens and adjust liquidity. This approach ensures a controlled and sustainable token supply over time, aligning with a disinflationary model similar to Bitcoin. The exact trajectory is subject to market dynamics and user behaviour, making it responsive to the evolving needs of promoting a successful and active \$DZHV ecosystem.

Discussion

Destructible, Replaceable, and Upgradeable Contract

\$DZHV sets itself apart with a unique contract structure that enables an uncommon adaptability and resilience. The contract is cleverly designed to be infinitely upgradeable, allowing for seamless adjustments on-the-fly, as the project evolves and requirements change.

Significance of the Contract Structure

The way *\$DZHV* is written is testament to its flexibility and user-centric development. The ability to destroy the contract ensures that any vulnerabilities or outdated features can be immediately addressed. This not only enhances security - but also positions *\$DZHV* to capitalise and embrace emerging blockchain technologies.

Security is absolutely paramount in the decentralized ecosystem. *\$DZHV's* contract management is fortified with stringent measures to ensure the integrity of the platform. Robust authorization mechanisms are in place to govern all actions connecting to upgrading the contract, ensuring that only authorized entities can utilise these critical functions.

Cross-Chain Bridge

The development of the Cross-Chain Bridge for *\$DZHV* represents a significant stride towards blockchain interoperability and DeFi innovation. This section delves into the purpose, significance, ramifications and technical specifications of the Cross-Chain Bridge.

A Cross-Chain Bridge is a strategic tool to connect *\$DZHV* with diverse blockchain networks, offering fundamentally unbeatable interoperability. A bridge of this kind addresses community demands for a seamless, efficient, and secure method of conducting transactions across multiple chains. *\$DZHV* will be 1:1 transferable to any chain that it is currently represented on. The desired aim is for *\$DZHV* to be represented on all EVM blockchains.

\$DZHV's Cross-Chain bridge distinguishes itself by adopting a bespoke approach that goes beyond the capabilities of traditional bridges. The architecture is optimized for efficiency, allowing users to traverse multiple blockchains with significantly reduced gas costs compared to traditional solutions. This combined with lower fees than competitor products, would easily position *\$DZHV* at the forefront of DeFi projects seeking to create a more interconnected and versatile ecosystem.

Technical Architecture

\$DZHV employs a cutting-edge contract structure that currently sets the project apart in DeFi. This section delves into the intricacies of *\$DZHV*'s contract structure, showcasing its unique features and the underlying technical details.

DZHV's contract is meticulously crafted in EVM Bytecode, steering away from conventional Solidity compilers. This approach eliminates potential compiler bugs and accepted conventions and ensures direct control over the contract's behaviour. The decision to forgo the commonly used solidity language in favour of EVM Bytecode demonstrates the developer's commitment to optimised code, alongside their technical prowess.

Community Involvement

\$DZHV places substantial importance on community support and engagement, recognizing the pivotal role a vibrant and involved community plays in a project's overall success. We highly value the insights, ideas, and steadfast support contributed by our community members, considering them indispensable stakeholders in the ongoing development and expansion of our ecosystem. It is noteworthy that all major contributors to the project are active participants within our community, reinforcing our commitment to collaborative growth and shared success.

\$DZHV fosters an environment for meaningful feedback, we have established dedicated channels on Discord where community members can actively participate in discussions, share suggestions, and provide valuable feedback. Whilst we are not currently conducting formal surveys, polls, or Q&A sessions, we encourage and appreciate continuous hearty engagement within our Discord community as the primary platform for receiving constructive feedback.

\$DZHV actively supports and encourages community-driven initiatives. Whether it's organizing events, creating content, or proposing new ideas, our community members play a pivotal role in shaping the trajectory of the project. We appreciate the passion and dedication of our community and seek to create an environment where everyone can contribute to the project's success.

Governance Considerations

As we progress forwards, governance will become a greater, more meaningful aspect of the *\$DZHV* decentralized ecosystem. Whilst there is a

current lean towards a more streamlined decision-making process, we recognize the evolving nature of the space and the potential benefits of community governance.

To ensure that major decisions align with the collective interests of the community, we are actively exploring ideas of a community voting mechanism. This may involve proposals for new features, adjustments to existing protocols, or strategic directions for the project. As the project matures and community participation grows, we will assess and implement governance mechanisms that empower our community members to have a direct impact on the project's direction.

\$DZHV is dedicated to creating a decentralized ecosystem where community members actively contribute to decision-making, fostering a sense of ownership and shared responsibility.

Transparency and Communication

Transparency and honesty are cornerstones of success. We are committed to providing transparent and timely updates on project developments, financial matters, and any decisions that impact the community. Open communication channels will always be maintained to address queries and concerns promptly.

Security Considerations

Security of user's funds is obviously of primary importance. All contracts are rigorously tested for edge case scenarios, alongside being open-source and publicly and thoroughly thought-experimented before going live outside of testnet.

Conversations of audits occasionally come up, and *\$DZHV* is not principally opposed to seeking an audit from a reputable and credible provider. What must be stated however, is due to the upgradeable nature of the contract, any audit would quickly become invalidated, and as such only a bespoke solution would ever present as viable. This is something being explored as the inflow of liquidity continues to grow.

\$DZHV has one contract address on all EVM chains, in effort to minimise user error and confusion; and it is strongly encouraged for all users to make themselves aware of the common scam attempts seen throughout all of DeFi. Where *\$DZHV* can mitigate these issues in any capacity, we will.

Brief Roadmap

\$DZHV has already broken relatively fresh ground insofar as the unique deployment and language it is coded in. This has generated interest in many DeFi users so far, ranging from part-time traders to ETH validators.

The first roadmap step being focused on is very clearly the cross-chain bridge. The interoperability and expanded reach that this will give makes it clearly the lowest hanging fruit to be picked first. *\$DZHV* will use the bridge as a proof-of-concept moment, allowing more users to be onboarded more rapidly. *\$DZHV* feels it is appropriate to take the time necessary to make a fundamentally complete, working and safe product, and as such price action during the building process is considered secondary to the primary goal. With that said, there have been some strategic buybacks and liquidity locks put in place during this time period; in effort to help maintain a positive token price action.

After the bridge a whole plethora of opportunities immediately present. Making the token tradable and bridgeable on at least all major EVM blockchains is a stated goal. Further code optimisations to save on exorbitant gas fees is also a constant active goal, this cannot be overstated as many projects would claim this, without actually being genuinely committed to it.

GameFi and other mechanics will be explored, with one successful idea that was popular from *\$TNGL* potentially returning, known at the time as 'crop-dusting'. In essence it was a form of on-chain viral marketing where holders could – with a click of a button, donate a small amount of their token to be airdropped to random active DeFi users' wallets. This worked well for *\$TNGL*, with many people joining the social platforms seeking further details, and upon receipt of them - joining the vision.

An on-chain prediction market is also being explored as an idea that is very possible. The micro-contracts themselves used to deploy *\$DZHV* have also generated significant interest. The prospect this could enable is making a series of micro-contracts that are able to be called by other projects to do functions for a lower gas cost than would traditionally be required. The potential benefit of this is hard to place a ceiling on, but of course this is dependent on how the development goes and consumer uptake is met.

The most ambitious goals currently on the roadmap are a decentralised cross-chain exchange and a change in the data structure concept for all of EVM. Both of these will be explored into far greater detail as more solidified information is released.

Needless to say, the roadmap is quite optimistic, whilst still remaining based in reality. Value generation mechanisms would be added to all of these ideas in a healthy and non-damaging capacity, in efforts to again promote positive *\$DZHV* price action.

Conclusion

\$DZHV stands as a pioneering project in DeFi, distinguished by its innovative features and commitment to user-centric design. An upgradeable multichain ecosystem coded in an optimised language reducing gas fees and improving performance. *\$DZHV* seeks to escape the shackles of existing accepted limitations and redefine peoples' expectations on interoperability. Novel proven concepts such as crop dusting and GameFi mechanics, alongside strategically designed tokenomics and well-placed liquidity already set *\$DZHV* up for a strong performance. Further developments as laid out in the roadmap, such as the micro-contracts and cross-chain exchange, only offer yet greater exposure and growth projection for the ecosystem at large.

Acknowledgments

Brad Brown

Without his vision, we wouldn't be here at all.

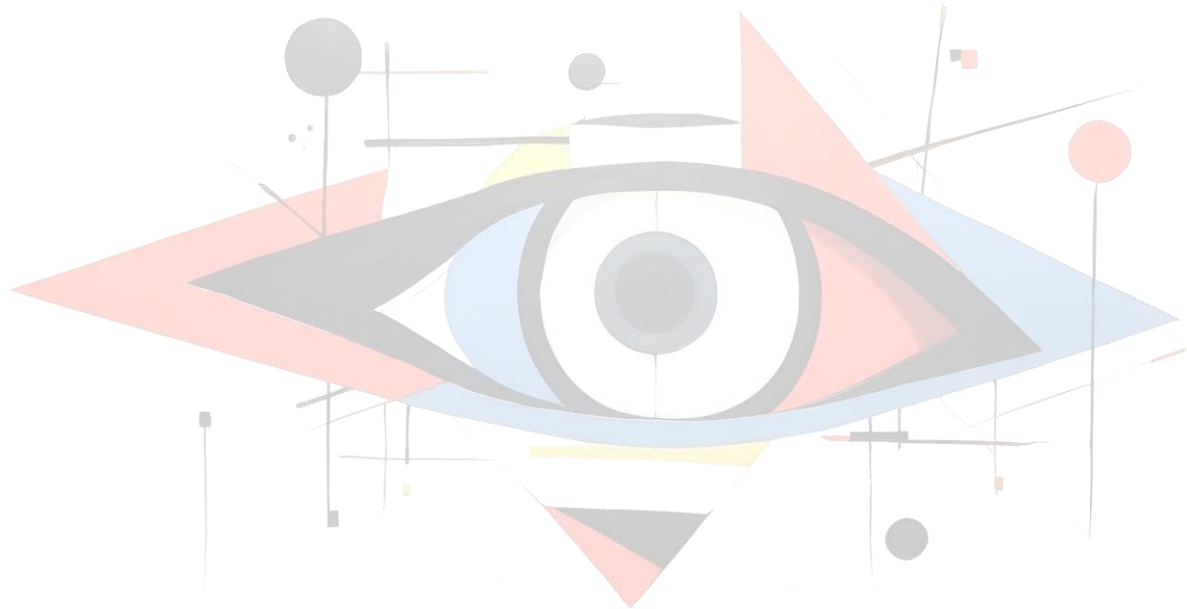
The Community Mod team

And yet, without desire of praise or payment, our mods keep volunteering their time and skills. Thank you.

The Community


Some say a project is only as good as it's community, and ours appears to be highly-skilled, quick-witted and tireless. Thank you for all the art, memes, questions and suggestions.

It is all appreciated and warmly welcomed.



Footnotes

1 - TraderJoe's (AVAX) limitations on full V3 positions prompted the initiation of a small V2 position and a Uniswap full V3 position for observation.



\$DZHV would love to take this opportunity to welcome and invite you to become an active and supporting community member.

Telegram: https://t.me/dizzyhavoc_portal

Discord: <https://discord.com/invite/YjSb4MPv>

Twitter: <https://twitter.com/dizzyhavoc>

Further details can be found:

Linktree: <https://linktr.ee/dizzyhavoc>

GitHub: <https://github.com/bradbrown-llc/dizzyhavoc>