Introduction

Astaria is a lending protocol that supports any ERC-20, ERC-1155, and ERC721. It enables users to create fixed-rate loans with unlimited durations.

Astaria intents: What are they?

Astaria intents are just that: anintent to lend or borrow assets for predetermined collateral and interest rates. Users are able to publicly broadcast intents to theintent feed to be filled by prospective lenders or borrowers.

Intents work in an auction format, with a loan'sAPY gradually increasing continuously from 0% to a predefined amount over a 24 hour period. This continues until a lender accepts the loan terms, or the 24 hours pass and the intent expires.

Why Astaria?

The primary goal of Astaria is to allow borrowers to optimize theiLoan-to-Value ratio andAPY via inclining-rate auctions, while minimizing required user interaction.

When using pooled lending models such as Aave and Compound, users deposit capital, and the loan process is performed automatically alongside other lenders in the pool. This means that users are unable to independently choose which asset collateral their capital is being loaned against, opening the door for potential risk. For example, if a user were to deposit USDC, and the lending pool loans it against an asset that suddenly drops in value, the user (and all users who've deposited USDC) are left at a loss.

Conversely, Astaria allows users to have full control over what their assets will be traded against, and at their own specifiedAPY . This cuts out the socialized risk of other lending platforms; allowing for optimized risk isolation, while still maintaining the benefits and ease of use that other lending applications offer.

On pooled lending protocols, a closed group of token holders are also charged with voting on which assets to list on their platform. Astaria removes the need for a "listing" process to accept new forms of collateral or debt, allowing for the support of virtually any asset pairing from the very beginning.

This has all been achieved through the use ofIntents and a novel design allowing for the recall and refinancing of existing debt positions, eliminating the need for a reliance onoracles .

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