

# Introduction

Beethoven X is a next-generation AMM protocol on Fantom Opera.

it's a friendly fork and built on Balancer V2. [citation needed]

In summary, it allows you to place your tokens in a liquidity pool or create your own multi asset liquidity pool and stake or farm your tokens for \$BEETS rewards or protocol fees.

It currently employs the following features[2]-

## Weighted Investment Pools

Weighted investment pools turn the concept of an index fund on its head: instead of paying fees to portfolio managers to rebalance your portfolio, you collect fees from traders, who rebalance your portfolio by following arbitrage opportunities. Each pool can contain up to 8 different tokens, where each token is assigned a weight defining what fraction of the pool is made up by each asset.

## Stable Pools

For certain assets that are expected to consistently trade at near parity (e.g. different varieties of stablecoins or synthetics), we utilize the StableSwap AMM as popularized by Curve. These pools allow for larger trades of these assets before encountering significant price impact.

## Trade

Beethoven X provides a Uniswap style trading experience, to allow for trading from one token for another. Behind the scenes, the Smart Order Router (SOR) intelligently sources liquidity from multiple pools so as to automatically figure out the best available price from all available pools.

## Farm

Staking your **liquidity provider** (LP) tokens and earn rewards.

## Earn Protocol Fees

Protocol fees will be distributed to Liquidity Stakers. Provide liquidity in one of the 80/20 BEETS weighted pools to earn your portion of 30% of the protocol fees. Wherever possible, we will introduce protocol fees for transactions, with 30% of the fees being used to buy BEETS off the open market and redistribute them to Liquidity Stakers. 50% of protocol fees will be used to build a diversified DAO controlled treasury.

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