Combining Hooks For UniV4 — Dynamic Fees + Liquidity Locking

Brokkr Finance

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In this article, we explain how we combined two of our previous hooks — Dynamic fees based on volume and Liquidity locking with incentives. It is part of our design series from our [Uniswap Foundation Hook POC grant](#)

The hook enables locking liquidity for LP incentives and dynamically adjusts the pool fees based on the incoming swapping volume.

It is a demonstration of how the hooks can be combined together, and how the utility of a hook can be extended by using multiple mechanics. By using this hook, the users are rewarded for locking their liquidity and will gather more fees through the dynamic fees.

If you are interested in building your own hooks, we recommend reading the

[V4 documentation

](https://docs.uniswapfoundation.org/)for a general introduction to UniswapV4 and hooks.

hooks-poc/src/Combo.sol at main · BrokkrFinance/hooks-poc

UniswapV4 PoC hooks. Contribute to BrokkrFinance/hooks-poc development by creating an account on GitHub.

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