Smart Router

The smart router is one of the most important and beneficial features on SyncSwap DEX. It performs as a liquidity aggregator to aggregate different liquidity pools and various pool models to deliver you the best price effortlessly.

No more hassle to find the best trade route. It's quick, comprehensive, and reliable.

Features

The SyncSwap Smart Router supports the following routing strategies.

- Multiple pool models.
- Multiple hops.
- Path splits.
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The Multiple hops and Path splits feature can be toggled separately in settings.

Multiple pool models

The smart routers will search pools of various pool models and utilize all possible pools across the Multi-Pool design for full liquidity aggregation.

For example, a trade may utilize both the classic and stable pools at the same time.

- 90%
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  - USDC -> USDT (Stable)
- 10%
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  - USDC -> USDT (Classic)
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More pool models or external liquidity sources can be added in the future.

Multiple hops

The smart routers will hop your trades between popular tokens (also known as common bases) to bridge the cap between two major liquidity parts for a potentially better price.

For example, a trade from ETH to wBTC may be hopped through USDC, as ETH -> USDC -> wBTC.

Path splits

The smart router can split your trades between many trade paths and allocate a different percentage of tokens to different paths for a potentially better price.

For example, a trade from ETH to wBTC may be split into two paths.

- 30%
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  - ETH -> wBTC
- 70%
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  - ETH -> USDC -> wBTC
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