

Routing a Swap

DeepBook V2 is now deprecated. Update your integrations to use [DeepBook V3](#) instead.

Follow these instructions to construct and execute a trade using a smart-routing swap.

To use the smart routing functionality, one should first find the best route. The route uses a Depth-First-Search (DFS) algorithm to find all the routes in the swap pools and use dry-run to simulate how much token one can get from each route. The function will return the best route which can provide maximum tokens.

Typescript SDK for invoking `findBestRoute`

After users find the best route to swap the tokens, they can place the market order using this route. In this function, users input the path as one of the parameters to build a transaction for execution.

Typescript SDK for invoking `placeMarketOrderWithSmartRouting`

Find the best route to swap

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Place a market order with a given routing path

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Typescript SDK for invoking `placeMarketOrderWithSmartRouting`