

Swaps

DeepBookV3 provides a swap-like interface commonly seen in automatic market makers (AMMs). The DeepBookV3 SDK provides functions to leverage the features of this interface. See [Swaps](#) in the API section for more details.

The SDK provides the following functions to perform swaps between the base and quote asset.

Use `swapExactBaseForQuote` to swap exact base amount for quote amount. The call returns a function that takes a Transaction object.

Parameters

Use `swapExactQuoteForBase` to swap exact quote amount for base amount. The call returns a function that takes a Transaction object.

Parameters

The following examples demonstrate custom swap functions that you can place into the `DeepBookMarketMaker` class. Base coin, quote coin, and deep coin are automatically determined by the coin available in the user address unless you explicitly pass one in as an argument. You can transfer the coin outputs to their address or execute other operations using the outputs.

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