

Waves Token Exchange

Decentralised exchanges, such as Waves DEX, offer users a convenient and safe way to exchange crypto assets. dApps have the potential to make the exchange process even more smooth.

So far, over 23,000 tokens have been issued on the Waves platform, and all of them are traded on the built-in decentralised exchange, Waves DEX. However, decentralised exchanges are not always convenient for users, due to their complex functionality, trading charts and order books. That prompted the arrival of projects such as [ShapeShift](#), which have more straightforward interfaces and offer limited functionality: the simple exchange of a pair of assets.

For this use case, we suggest a [ShapeShift](#)-style crypto exchange service that will deal with Waves-issued tokens, using the [DEX API](#) and with Waves Keeper and as one of the sign-in options. The service should offer a simplified token exchange process, signing transactions with Waves Keeper.

Preference will be given to developers proposing smart contract-powered solutions for decentralised token exchange, which will increase trust in the service.


Waves tools to be used:

- Smart Contracts
- Waves Keeper
- Waves DEX
- Tokens



Timeframe

3-5 months

 Final result

Completion of work can be proven by:

1. A workable version or demo of a dApp with implemented business logic.
2. A detailed illustrated manual for using the dApp on a separate landing page or in a Medium post.
3. Source code on GitHub.

The goal of this description is to outline possible approaches to this objective. Maintaining these guidelines is not mandatory. You are welcome to come up with your own ideas for implementing this task.

If you have your own approach to solving this task or ideas/preliminary work, please apply and we will consider your solution.