

SDK overview

The [1inch Solana Fusion SDK](#) is an open-source developer toolkit that enables interaction with the 1inch Fusion smart contracts on the Solana blockchain. It provides the essential components for building, signing, submitting, and filling Fusion orders directly on-chain. The SDK supports two primary roles: integrators, who enable users to create Fusion orders, and resolvers, who find and fulfill existing orders.

Advantages of using Solana Fusion SDK

- Ultra-fast and cheap transactions: Solana offers near-instant transaction finality with minimal fees (typically under \$0.01), making swaps fast and affordable without sacrificing reliability. Additionally, 1inch doesn't charge any extra fees on top of Solana's minimal required gas.
- Access to huge liquidity: the SDK unlocks swaps across over 1 million Solana-native tokens via 1inch's deep aggregation engine, ensuring top swap rates and minimal slippage.
- No relayer dependency: orders are placed directly onchain without needing external relayers, increasing trustlessness and reducing points of failure.
- Native MEV protection: users automatically benefit from 1inch MEV protection, securing trades against front-running and sandwich attacks.
- Industry leading security: the SDK leverages 1inch's extensively audited smart contracts, providing a secure foundation for Solana-based DeFi integrations.

Installation

Add the SDK to `package.json`:

```
{
  "dependencies": {
    "@1inch/solana-fusion-sdk": "https://github.com/1inch/solana-fusion-sdk#latest"
  }
}
```

Examples

- For integrators, learn [how to create and cancel a Fusion order on Solana](#).
- For resolvers, learn [how to fill and cancel a Fusion order on Solana](#).

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