

Safe{Core} Account Abstraction SDK

The Safe{Core} Account Abstraction SDK aims to bring Account Abstraction to life by integrating Safe with different third parties. This SDK helps developers to abstract the complexity of setting up a smart contract account.

The Safe{Core} AA SDK groups its functionality into five different kits:

Protocol Kit

The [Protocol Kit](#) helps interact with the Safe Smart Account contracts. It enables the creation of new Safe accounts, updating their configuration, and signing and executing transactions, among other features.

- Modular and customizable smart contract accounts
- Battle-tested security
- Transaction batching

```
.mui-style-of3t72{box-sizing:border-box;display:-webkit-box;display:-webkit-flex;display:-ms-flexbox;display:flex;-webkit-box-flex-wrap:wrap;-webkit-flex-wrap:wrap;-ms-flex-wrap:wrap;flex-wrap:wrap;width:100%;-webkit-flex-direction:row;-ms-flex-direction:row;flex-direction:row;margin-top:24px;}
```

[#### Protocol Kit Learn about the Protocol Kit and the Safe Smart Account contracts integration.](#)

Auth Kit

The [Auth Kit](#) creates externally owned accounts and authenticates them using an email address, a social media account, or a crypto wallet account.

- Easy onboarding using SafeAuth
- Social and wallet logins
- Get users started without a wallet

[#### Auth Kit Learn about the Auth Kit and the pack integrating Web3Auth.](#)

Relay Kit

The [Relay Kit](#) relays Safe transactions, allowing you to get them sponsored by a third party or paid with any supported ERC-20 token.

- Gas-less experiences using Gelato
- Sponsored transaction
- Pay fees in ERC-20 tokens

[#### Relay Kit Learn about the Relay Kit and the pack integrating Gelato.](#)

Onramp Kit

The [Onramp Kit](#) helps users buy cryptocurrencies with fiat money to fund a Safe account via a credit card or other payment method.

- Seamless fiat on-ramping
- Pay using a credit card

[#### Onramp Kit Learn about the Onramp Kit and the packs integrating Monerium and Stripe.](#)

API Kit

The [API Kit](#) helps interact with the Safe Transaction Service API. It helps share transactions among the signers and get information from a Safe account. For example, the configuration or transaction history.

[#### API Kit Learn about the API Kit and the integration with the Safe Transaction Service.](#)

Resources

- [Safe{Core} Account Abstraction SDK on GitHub](#)(opens in a new tab)
- [Safe{Core} Account Abstraction SDK demo application](#)(opens in a new tab)

[â Go Home Auth Kit](#)

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