Migrating to v1

This guide references the major changes betweensafe-core-sdk andprotocol-kit v1 to help those migrating an existing application.

Note: Follow this guide before migrating toprotocol-kit v2.

You can remove@safe-global/safe-core-sdk from yourpackage.json after completing this guide.

Adding the new dependency

To add the Protocol Kit to your project, run the following:

yarn

add

@safe-global/protocol-kit@1.3.0

If you use the types library, you will need to update to v2.3.0:

yarn

add

@safe-global/safe-core-sdk-types@2.3.0

EthAdapter

EthersAdapter

(safe-ethers-lib)

EthersAdapter isn't in a separate package anymore. Now, it's provided inside theprotocol-kit package.

protocol-kit v1 only supportsethers v5

// old import EthersAdapter from

'@safe-global/safe-ethers-lib'

// new import { EthersAdapter } from

'@safe-global/protocol-kit'

After this change, you can remove@safe-global/safe-ethers-lib from yourpackage.json .

Web3Adapter

(safe-web3-lib)

Web3Adapter isn't in a separate package anymore. Now, it's part of theprotocol-kit package.

Note: protocol-kit v1 only supports Web3.js v1.

// old import Web3Adapter from

'@safe-global/safe-web3-lib'

// new import { Web3Adapter } from

'@safe-global/protocol-kit'

After this change, you can remove@safe-global/safe-web3-lib from yourpackage.json .

Type changes

Type changes are affecting the web3 and ethers adapter libraries.

getSafeContract ,getMultisendContract ,getMultisendCallOnlyContract ,getCompatibilityFallbackHandlerContract

,getSafeProxyFactoryContract ,getSignMessageLibContract andgetCreateCallContract don't need thechainId parameter anymore, they will use the chain set on the provider. Also, they return aPromise now.

estimateGas now returns astring instead of anumber .

safeFactory.deploySafe()

SafeDeploymentConfig was simplified. If you were using asaltNonce you should set it like this:

// old const

safeAccountConfig :

SafeAccountConfig

= { ... } const

safeDeploymentConfig :

SafeDeploymentConfig

= { saltNonce }

const

safeSdk

=

await

safeFactory .deploySafe ({ safeAccountConfig , safeDeploymentConfig })

// new const

safeAccountConfig :

SafeAccountConfig

= { ... }

const

saltNonce

=

"

const

protocolKit

=

await

safeFactory .deploySafe ({ safeAccountConfig , saltNonce })

getAddress()

ThegetAddress() method now returns aPromise .

// old const

safeAddress

=

safeSdk .getAddress ()

// new const

safeAddress

=

await

protocolKit .getAddress ()

General type changes

If you setsafeTxGas ,baseGas , orgasPrice , you must use the typestring instead ofnumber .

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