signerToSafeSmartAccount

Creates a Safe smart account instance controlled by aSmartAccountSigner .

Usage

example.ts publicClient.ts signer.ts ```

File example.ts import{ signerToSafeSmartAccount }from"permissionless/accounts" import{ publicClient }from"./publicClient" import{ signer }from"./signer"

constsafeAccount=awaitsignerToSafeSmartAccount(publicClient, { signer, safeVersion:"1.4.1", entryPoint:"0x5FF137D4b0FDCD49DcA30c7CF57E578a026d2789", })

```

## Returns

- Type:
- SafeSmartAccount

The smart account instance.

## Parameters

### signer

- Type:
- SmartAccountSigner

The signer that will be used to sign messages and user operations.

### safeVersion

- Type:
- 1.4.1

The version of the Safe contract that will be used.

### entryPoint

- Type:
- Address

The address of the EntryPoint contract.

### saltNonce (optional)

- Type:
- bigint

The salt nonce that will be used to deploy the smart account. If not provided,0 will be used.

### addModuleLibAddress (optional)

- Type:
- Address

The address of theAddModuleLib contract. If not provided, the default address for the Safe version will be used.

### safe4337ModuleAddress (optional)

- Type:
- Address

The address of theSafe4337Module contract. If not provided, the default address for the Safe version will be used.

## safeProxyFactoryAddress (optional)

- Type:
- Address

The address of theSafeProxyFactory contract. If not provided, the default address for the Safe version will be used.

## safeSingletonAddress (optional)

- Type:
- Address

The address of theSafeSingleton contract. If not provided, the default address for the Safe version will be used.

## multiSendAddress (optional)

- Type:
- Address

The address of theMultiSend contract. If not provided, the default address for the Safe version will be used.

## multiSendCallOnlyAddress (optional)

- Type:
- Address

The address of theMultiSendCallOnly contract. If not provided, the default address for the Safe version will be used.

## safeModules (optional)

- Type:
- Address[]

The ERC-4337 module will always be added and does not need to be provided.

The addresses of the Safe modules that will be added during deployment.

## setupTransactions (optional)

- Type:
- Call[]

This can be useful, for example, to approve tokens to an ERC-20 paymaster contract so it can pay for the gas of the first user operation.

An array of calls that will be executed during the deployment of the smart account (when theinitCode is executed).

## address (optional)

- Type:
- Address

If you provide an address, the smart account can not be deployed. This should be used if you want to interact with an existing smart account.

The address of the smart account. If not provided, the deterministic smart account address will be used.