prepareUserOperationRequest

Prepares a user operation request for signing by populating a sender , nonce , initCode , gas price values, gas limit values, and optionally requesting sponsorship from a paymaster.

Usage

example.ts smartAccountClient.ts bundlerClient.ts ```

File example.ts import{ smartAccountClient, simpleSmartAccount }from"./smartAccountClient" import{ pimlicoBundlerClient }from"./bundlerClient" import{ parseAbiItem, encodeFunctionData }from"viem"

constcallData=awaitsimpleSmartAccount.encodeCallData({ to:"0x0488bEE1Ec682db0F0E74AB52faFdDdEf10Af123", data:encodeFunctionData({ abi: [parseAbiItem('function mint()')] }), value:0n })

// only if using pimlico constgasPrices=awaitpimlicoBundlerClient.getUserOperationGasPrice()

constuserOperation=awaitsmartAccountClient.prepareUserOperationRequest({ userOperation: { callData,// callData is the only required field in the partial user operation maxFeePerGas: gasPrices.fast.maxFeePerGas, maxPriorityFeePerGas: gasPrices.fast.maxPriorityFeePerGas } })

```

## Returns

- Type:
- UserOperation

TheUserOperation with the remaining fields (except thesignature ) filled.

## Parameters

### userOperation

- Type:
- Partial

The partial user operation. Only thecallData field is required.

### sponsorUserOperation (optional)

- Type:
- (args: { userOperation: UserOperation, entryPoint: Address }) => Promise

The paymaster middleware function (if one is used).

### account (optional)

- Type:
- SmartAccount

The smart account that will be used to fetch thenonce ,initCode ,sender , and the gas price values if they are not already filled.