

sponsorUserOperation

The Pimlico paymaster actions in `permissionless.js` only work with the v2 Pimlico API. The v1 API for paymasters is deprecated and will be removed in the future.

This version, instead of simply signing over the passed-in User Operation, estimates the gas values for the User Operation and then signs over the estimated gas values, returning not only the `paymasterAndData` but also the `preVerificationGas`, `verificationGasLimit`, and `callGasLimit`.

Estimates the gas values for the User Operation and sponsors the operation with the new gas values.

Usage

```
example.ts client.ts ``
```

File example.ts import{ pimlicoPaymasterClient }from"./client"

[illegible]

Returns

- Type:
- SponsorUserOperationReturnType

The estimated gas values for the User Operation and the paymaster related data that includes the Pimlico paymaster address and Pimlico's paymaster signature.

Parameters

userOperation

- Type:
- UserOperation

The User Operation object.

sponsorshipPolicyId (optional)

- Type:
- string

The ID of the [sponsorship policy](#) to use. If used, this call will error if the policy is not willing to sponsor this user operation. It is recommended to use `pm_validateSponsorshipPolicies` before calling this method.

JSON-RPC Method

pm sponsorUserOperation