Pimlico Bundler Client

A Pimlico Bundler Client is an interface to official ERC-4337 JSON-RPC API methods that include sending user operations, estimation user operation gas limits, getting user operation receipts and more as well as the Pimlico-specific bundler methods pimlico_getUserOperationStatus and pimlico_getUserOperationGasPrice .

To create a Pimlico Bundler Client, create a basic client and extend it with the Bundler Actions and Pimlico Bundler Actions.

Import

```
import{ pimlicoBundlerActions }from'permissionless/actions/pimlico'
```

Usage

Initialize a Bundler Client with your desired Chain (e.g. mainnet) and Transport (e.g. http) from viem by creating a simple client and extending it with the Pimlico bundler methods and (optionally) the standard bundler methods.

```
import{ createClient, http }from'viem' import{ sepolia }from'viem/chains' import{ bundlerActions,
ENTRYPOINT_ADDRESS_V07 }from'permissionless' import{ pimlicoBundlerActions }from'permissionless/actions/pimlico'

constpimlicoBundlerClient=createClient({ chain: sepolia, transport:http("https://api.pimlico.io/v2/sepolia/rpc?
apikey=YOUR_API_KEY_HERE"), }) .extend(bundlerActions(ENTRYPOINT_ADDRESS_V07))
.extend(pimlicoBundlerActions(ENTRYPOINT_ADDRESS_V07))
```

Then you can consume Pimlico Bundler Actions:

```
constuserOperationGasPrice=awaitpimlicoBundlerClient.getUserOperationGasPrice()
```

Alternatively, you can initialize a Bundler Client with thecreatePimlicoBundlerClient method:

```
import{ http }from'viem' import{ sepolia }from'viem/chains' import{ ENTRYPOINT_ADDRESS_V07 }from'permissionless'
import{ createPimlicoBundlerClient }from"permissionless/clients/pimlico";

constpimlicoBundlerClient=createPimlicoBundlerClient({ chain: sepolia, transport:http("https://api.pimlico.io/v2/sepolia/rpc?
apikey=YOUR_API_KEY_HERE"), entryPoint:ENTRYPOINT_ADDRESS_V07 })
```