

# Integration

This guide focuses on the code to integrate the entry point gas estimations package.

## Installation

First, install the required packages for initializing the gas estimator client

- npm
- yarn

```
npm i entry-point-gas-estimations yarn add entry-point-gas-estimations
```

## Integration

```
import
```

```
{ createGasEstimator }
```

```
from
```

```
"entry-point-gas-estimations" ;
```

```
// Creating a general gas estimator client const gasEstimator =
```

```
createGasEstimator ( { rpcUrl , } ) ;
```

```
// L2s have a different way of calculating the preVerificationGas // which requires creating network-specific gas estimator clients
```

```
// Optimism Stack Networks const optimismGasEstimator =
```

```
createOptimismGasEstimator ( { rpcUrl , } ) ;
```

```
// Arbitrum Networks const arbitrumGasEstimator =
```

```
createArbitrumGasEstimator ( { rpcUrl , } ) ;
```

```
// Mantle Networks const mantleGasEstimator =
```

```
createMantleGasEstimator ( { rpcUrl , } ) ;
```

```
// Scroll Networks const scrollGasEstimator =
```

```
createScrollGasEstimator ( { rpcUrl , } ) ; Parameters
```

- rpcUrl(string
- , required): RPC Url of the network
- entryPointAddress(string
- ): optional entry point if it is different than 0x5FF137D4b0FDCD49DcA30c7CF57E578a026d2789

```
returns
```

- [gasEstimator](#)
- (Promise
- ): gas estimator instance [Edit this page](#) [Previous Gas Estimations SDK](#) [Next Methods](#)