

Integration

This guide focuses on the code to integrate the Bundler. To see how this interacts with other packages in the sdk you can view the [Smart Accounts Integration page](#).

Installation

First, install the required packages for initializing the Bundler and Smart Account.

- npm
- yarn
- pnpm

```
npm install @biconomy/bundler yarn add @biconomy/bundler pnpm add @biconomy/bundler
```

Integration

info [Click here](#) to learn more about our dashboard and how to get your own bundler url. To create a bundler instance pass the bundler url, with other optional params.

```
import
{ create }
from
"@biconomy/bundler" ;

const userOpReceiptMaxDurationIntervals :
{
  [ key in
    number ] ? :
    number
}
=
{ [ 80001 ] :
  60000 , } ;

const bundler =
await
create ( { bundlerUrl :
  "" ,

  // <-- Read about this at https://docs.biconomy.io/dashboard#bundler-url userOpReceiptMaxDurationIntervals , } ) ;
Parameters

  • bundlerUrl(string
  • , required): bundler url from the dashboard
  • userOpReceiptIntervals
  • (object
  • , optional): The polling interval per chain for the tx receipt in milliseconds. Default value is 5 seconds.
  • userOpWaitForTxHashIntervals
  • (object
  • , optional): The polling interval per chain for the tx result in milliseconds. Default value is 0.5 seconds.
  • userOpReceiptMaxDurationIntervals
  • (object
  • , optional): The maximum duration in milliseconds per chain to wait for the tx receipt. Default value is 30 seconds.
  • userOpWaitForTxHashMaxDurationIntervals
  • (object
```

- , optional): The maximum duration in milliseconds per chain to wait for the tx hash. Default value is 20 seconds.

returns

- [bundler](#)
- (Promise
-): bundler instance

Once initialized you will be able to pass this Bundler instance to the Smart Account configuration to use in conjunction with Smart Accounts. See our [tutorials](#) for in depth integrations of the Smart Account and Bundler. [Edit this page](#) [Previous](#) [Bundler](#) [Next](#) [Methods](#)