

Quickstart

This quickstart guide will help you set up and make calls on the Blast network using the Infura endpoints.

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Prerequisites

Ensure you have an [API key](#) with the Blast network enabled.

Make calls

cURL

Run the following command in your terminal. Replace YOUR-API-KEY with your actual Infura API key.

```
curl https://blast-mainnet.infura.io/v3/YOUR-API-KEY \-X POST \-H "Content-Type: application/json" \-d '{"jsonrpc":"2.0","method":"eth_blockNumber","params":[],"id":1}'
```

Node (JavaScript)

In these examples, you'll use [NPM](#) as your package manager.

Node Fetch

1. In your project folder, install the Node Fetch package using `npm`
2. :
3. `npm i node-fetch`
4. Create your JavaScript file and copy the following code:
5. Replace YOUR-API-KEY
6. with your actual Infura API key.
7. `index.js`
8. `import`
9. `fetch`
10. `from`
11. `'node-fetch'`
12. `;`
13. `fetch`
14. `(`
15. `"https://blast-mainnet.infura.io/v3/YOUR-API-KEY"`
16. `,`
17. `{`
18. `method`
19. `:`
20. `"POST"`
21. `,`
22. `headers`
23. `:`
24. `{`
25. `"Content-Type"`
26. `:`
27. `"application/json"`
28. `}`
29. `,`
30. `body`
31. `:`
32. `JSON`
33. `.`
34. `stringify`
35. `(`
36. `{`
37. `jsonrpc`
38. `:`
39. `"2.0"`

```

40. ,
41. method
42. :
43. "eth_blockNumber"
44. ,
45. params
46. :
47. [
48. ]
49. ,
50. id
51. :
52. 1
53. }
54. )
55. }
56. )
57. .
58. then
59. (
60. response
61. =>
62. response
63. .
64. json
65. (
66. )
67. )
68. .
69. then
70. (
71. data
72. =>
73. {
74. console
75. .
76. log
77. (
78. data
79. )
80. ;
81. }
82. )
83. .
84. catch
85. (
86. error
87. =>
88. {
89. console
90. .
91. error
92. (
93. error
94. )
95. ;
96. }
97. )
98. ;
99. Run the code using the following command:
100. node index.js

```

Axios

1. In your project folder, install the Axios package using `npm`
2. :
3. `npm i axios`
4. Create your JavaScript file and copy the following code:

```
5. ReplaceYOUR-API-KEY
6. with your actual Infura API key.
7. index.js
8. const
9. axios
10. =
11. require
12. (
13. 'axios'
14. )
15. ;
16. axios
17. .
18. post
19. (
20. 'https://blast-mainnet.infura.io/v3/YOUR-API-KEY'
21. ,
22. {
23. jsonrpc
24. :
25. '2.0'
26. ,
27. method
28. :
29. 'eth_blockNumber'
30. ,
31. params
32. :
33. [
34. ]
35. ,
36. id
37. :
38. 1
39. }
40. )
41. .
42. then
43. (
44. response
45. =>
46. {
47. console
48. .
49. log
50. (
51. response
52. .
53. data
54. )
55. ;
56. }
57. )
58. .
59. catch
60. (
61. error
62. =>
63. {
64. console
65. .
66. error
67. (
68. error
69. )
70. ;
71. }
72. )
```

73. ;
74. Run the code using the following command:
75. node index.js

Ethers

1. In your project folder, install the ethers package using npm
2. :
3. npm install ethers
4. Create your JavaScript file and copy the following code:
5. Replace YOUR-API-KEY
6. with your actual Infura API key.
7. index.js
8. const
9. ethers
10. =
11. require
12. (
13. 'ethers'
14.)
15. ;
16. const
17. provider
18. =
19. new
20. ethers
21. .
22. providers
23. .
24. JsonRpcProvider
25. (
26. 'https://blast-mainnet.infura.io/v3/YOUR-API-KEY'
27.)
28. ;
29. provider
30. .
31. getBlockNumber
32. (
33.)
34. .
35. then
36. (
37. blockNumber
38. =>
39. {
40. console
41. .
42. log
43. (
44. blockNumber
45.)
46. ;
47. }
48.)
49. .
50. catch
51. (
52. error
53. =>
54. {
55. console
56. .
57. error
58. (
59. error
60.)
61. ;
62. }

63.)
64. ;
65. Run the code using the following command:
66. node index.js

Python

1. In your project folder, install therequests
2. library:
3. pip install requests
4. Create your Python file and copy the following code:
5. ReplaceYOUR-API-KEY
6. with your actual Infura API key.
7. index.py
8. import
9. requests
10. import
11. json
12. url
13. =
14. 'https://blast-mainnet.infura.io/v3/YOUR-API-KEY'
15. payload
16. =
17. {
18. "jsonrpc"
19. :
20. "2.0"
21. ,
22. "method"
23. :
24. "eth_blockNumber"
25. ,
26. "params"
27. :
28. [
29.]
30. ,
31. "id"
32. :
33. 1
34. }
35. headers
36. =
37. {
38. 'content-type'
39. :
40. 'application/json'
41. }
42. response
43. =
44. requests
45. .
46. post
47. (
48. url
49. ,
50. data
51. =
52. json
53. .
54. dumps
55. (
56. payload
57.)
58. ,
59. headers
60. =
61. headers

```
62. )
63. .
64. json
65. (
66. )
67. print
68. (
69. response
70. )
71. Run the code using the following command:
72. python index.py
```

Next steps

Now that you have successfully made a call to the Blast network, you can explore more functionalities and APIs provided by Infura. Here are some suggestions:

- Explore other Blast APIs
- : Infura supports a wide range of APIs. You can find more information in the [JSON-RPC API method documentation](#)
- .
- Try out different networks
- : Infura supports multiple networks including Ethereum, Linea, Polygon, Optimism, and more.
- Monitor your usage
- : Keep an eye on your usage on the [Infura dashboard](#)
- to
- ensure you're not hitting your rate limits.

Remember, the Infura community is here to help. If you have any questions or run into any issues, check out the [Infura community](#) for help and answers to common questions.

Last updated on Apr 19, 2024 [Previous Blast Next Supported networks](#)