

Getting Ethereum RPC

[Gateway](#)

To learn more about using the Lava Gateway visit the [Getting Started guide](#)

SDK

Input

- BackEnd
- FrontEnd

// Install lavaSDK with the following command: // npm i @lavanet/lava-sdk const

```
{
  LavaSDK
}

=

require ( "@lavanet/lava-sdk" )

async

function

useEthereumMainnet ( )

{

  const ethereumMainnet =

  await

  LavaSDK . create ( { privateKey : process . env . PRIVATE_KEY ,
    //hide your private key in an environmental variable chainIds :
    'ETH1' , } ) ;

  const ethereumBlockResponse =

  await ethereumMainnet . sendRelay ( { method :
    "eth_blockNumber" , params :

    [ ] , } ) ;

  console . log ( ethereumBlockResponse ) ; }

( async

( )

=>

{ await

  useEthereumMainnet ( ) ; } ) ( ) ; // Install lavaSDK with the following command: // npm i @lavanet/lava-sdk const

{

  LavaSDK

}
```

```

=
require ( "@lavanet/lava-sdk" )

async
function
useEthereumMainnet ( )
{
const ethereumMainnet =
await
LavaSDK . create ( { badge :
{ badgeServerAddress :
"https://badges.lavanet.xyz" ,
// Or your own Badge-Server URL projectId :
"enter_your_project_id_here" } , chainIds :
'ETH1' , } ) ;

const ethereumBlockResponse =
await ethereumMainnet . sendRelay ( { method :
"eth_blockNumber" , params :
[ ] , } ) ;

console . log ( ethereumBlockResponse ) ; }

( async
( )
=>
{ await
useEthereumMainnet ( ) ; } ) ( ) Edit this page Previous Ethereum x Lava Next Running an Ethereum RPC Node

```