

Query balances on Avail DA

Setting up the dev environment

In this guide we will use Avail's dedicated SDKs to interact with the [Turing testnet](#) . To set up a dev environment for the SDK of your choice, please follow the steps [outlined here](#) .

Querying the balance of an account

To query basic information about an account, including it's balance, you need to call the `system_account` extrinsic from the `system` pallet on an Avail node.

avail-js avail-rust avail-go AvailApps explorer 1. Inside your file name.ts 2. , add the following code:

```
import { SDK } from
"avail-js-sdk"

const
main
=
async () => { const
providerEndpoint
=
"wss://turing-rpc.avail.so/ws" const
sdk
=
await
SDK .New (providerEndpoint)
const
key
=
"5DDY2yzh8uCysYFAiRSTeQVwtZSKNF49CkQkyPH852xvrYKk" const
value :
any
=
await
sdk . api . query . system .account (key)
console .log ( value .toHuman ()) const
freeBalanceInAvail
=
Number ( value . data . free .toString ()) /
Math .pow ( 10 ,
18 ) console .log ( Free balance: { freeBalanceInAvail } AVAIL )
process .exit () }
```

main () 1. Run the code using:

ts-node

your-file-name.ts Your response should look something like this:

Sample Response: { nonce: '109', consumers: '2', providers: '1', sufficients: '0', data: { free: '1,000,000,000,000', reserved: '100,000,300,000,000,000,000', frozen: '100,000,000,000,000,000,000', flags: '170,141,183,460,469,231,731,687,303,715,884,105,728' } } Free balance: 28.3046577073 AVAIL

[Read & Write data on Avail DA](#) [Transfer Balances on Avail DA](#)