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getStorageAt - SDK

Returns the value of the provided position at the provided address, at the provided block in Bytes32 format.

All CSS

/ dont have api sec start/.api key instruct ban{ background: #F5FCFF; border: 1px solid rgba(207, 217, 240, 0.2); border-radius: 12px; -webkit-border-radius: 12px; display: flex; flex-wrap; wrap; padding: 33px; } .markdown-body h3 { color: #00000 limportant; } .api_key_instruct_ban_lft h3{ font-size: 24px; line-height: 1.3; letter-spacing: -0.03em; font-weight: 700; font-family: 'Inter', sans-serif; margin-bottom: 7px; margin-top: 0px; color: #00000 !important; } .api key instruct ban Ift h3:last-child{ margin-bottom: 0; } .api key instruct ban Ift p{ font-size: 14px; line-height: 1.3; color: #000000; font-family: 'Inter', sans-serif; font-weight: 400; } .gt startd vbtn{ display: inline-block; color: #FFFFFF !important; background: lineargradient(126.33deg, #36BEFF 5.38%, #733FF1 108.32%); border-radius: 6px; font-size: 16px; line-height: 1.3; font-weight: 600; font-family: 'Inter', sans-serif; padding: 9px 16px; } .gt_startd_vbtn:hover{ background: #000; color: #fff; } .api key instruct ban lft{ flex-basis: 60%; max-width: 60%; padding-right: 15px; } .api key instruct ban rtt{ flex-basis: 40%; max-width: 40%; padding-left: 15px; align-self: center; \ / dont have api sec end/

```
/* ====== responsive css ====== */
@media(min-width:1025px) {}
@media(max-width:1199px) {
  .api_main {
    max-width: 100%;
  .api_main_cont ul li a {
    width: 100%;
  .left_icon .evm_part {
    width: 73%:
    margin: 22px auto auto auto;
  .api_main_cont ul li a {
    padding: 10px 18px:
    border-radius: 12px;
  .api_main_cont ul li a:hover::before {
    border-radius: 12px;
  .learn_box,
  .lear outer {
    height: 100%;
  .navbar-nav>li>a {
    font-size: 15px;
    padding: 8px 10px;
  .top_header_links ul li a{
```

```
font-size: 15px;
   .footer links box ul li a{
     font-size: 13px;
  /* dont_have_api_sec_start */
  .api_key_instruct_ban{
       display: block;
       text-align: center;
       background: linear-gradient(180deg, #EBF9FF 0%, #EEF3FE 100%);
     .api_key_instruct_ban_lft,.api_key_instruct_ban_rtt{
       max-width: 100%;
       padding: 0;
       flex-basis: 100%;
     .api key instruct ban lft{
       margin-bottom: 30px;
    dont_have_api_sec_end */
@media (max-width: 768px) {
     /* dont_have_api_sec_start */
     .api_key_instruct_ban_lft h3{
       font-size: 30px;
     .api_key_instruct_ban_lft p{
       font-size: 16px;
     .wrapper_body_cmn_out{
       max-width: 100%;
     .api_key_instruct_ban_lft h3 {
       font-size: 40px;
       margin-bottom: 16px;
     /* dont_have_api_sec_end */
}
@media (max-width: 350px){
  /* dont_have_api_sec_start */
  .api_key_instruct_ban_lft h3{
     font-size: 36px;
  .api_key_instruct_ban{
     padding: 30px;
    dont_have_api_sec_end */
```

whole_Section_wrapperdont_have_api_sec_start### Don't have an API key?

Start using this method in your app today. Get started for free dont_have_api_sec_end

Description

Returns the value of the provided position at the provided address, at the provided block in Bytes32 format.

Parameters

Parameter Type Description addressOrName string The address or ENS name of the account to get the code for. position integer The position of the storage slot to get. blockTag string The optional block number or hash to get the code for. Defaults to 'latest' if unspecified.

blockTag

parameters

- pending
 - A sample next block built by the client on top of
- latest

- · and containing the set of transactions usually taken from
- local
- mempool. Intuitively, you can think of these as blocks that have not been mined yet.
- latest
- The most recent block in the canonical chain observed by the client, this block may be re-orged out of the canonical chain even under healthy/normal conditions.
- safe
- •
- The most recent crypto-economically secure block, cannot be re-orged outside of manual intervention driven by community coordination. Intuitively, this block is "unlikely" to be re-orged.
- finalized
- •
- The most recent crypto-economically secure block, that has been accepted by >2/3 of validators. Cannot be reorged outside of manual intervention driven by community coordination. Intuitively, this block is very unlikely to be re-orged.
- · earliest
- .
- The lowest numbered block the client has available. Intuitively, you can think of this as the first block created.

Response

Property Type Description Promise string Returns the value at this storage position.

Example Request and Response

Prerequisite: You will need to install the Alchemy SDK before making requests with it.

The commands for installing it usingnpm oryarn are given below:

npm yarn npm install alchemy-sdk@latest yarn add alchemy-sdk@latest

Request

Here is an example of how to make a getStorageAt request using the Alchemy SDK:

getStorageAt.js // Imports the Alchemy SDK const {Alchemy ,Network }= require ("alchemy-sdk");// Configures the Alchemy SDK const config = {apiKey :"alchemy-replit" ,// Replace with your API key network :Network .ETH_MAINNET ,// Replace with your network };// Creates an Alchemy object instance with the config to use for making requests const alchemy = new Alchemy (config);const main = async ()=> {//Initialize variables for the parameters let address = "registrar.firefly.eth" let position = 0 //Call the method to get storage let response = await alchemy .core .getStorageAt (address ,position)//Logging the response to the console console .log (response) };main ();

Response

JSON 0x000000000000000000000000314159265dd8dbb310642f98f50c066173c1259b

Code Sandbox

You can test out the getStorageAt method using the code sandbox below:

Related Methods

Here are the methods related to getStorageAt:

- aetBlock
- : Returns the block from the network based on the provided block number or hash.

Updated 5 months ago

getLogs - SDK getTokenBalances - SDK Did this page help you?Yes No