

genlayer

← Home

GenLayer JSON RPC

APIS

🃤 JSON-RPC API for GenLayer Operations 🗸

GenLayer JSON-RPC Operations

POST

Q Search GenLayer JSON RPC...

GenLayer JSON-RPC Operations

POST

http://127.0.0.1:4000/api

The GenLayer JSON-RPC uses a single endpoint (/api). Multiple operations are performed through this endpoint by specifying different "method" values within the request body.

Available Operations

- create_db: Initializes the database.
- create_tables: Creates necessary tables.
- create_account: Registers a new account.
- fund_account: Adds funds to a specified account.
- send_transaction: Transfers currency between accounts.
- deploy_intelligent_contract: Deploys a new contract.
- call_contract_function: Executes a function on a deployed contract.
- count_validators: Counts the number of active validators.
- create_random_validators: Adds a specified number of validators with random stakes.
- delete_all_validators: Removes all validators.
- last_contracts: Retrieves the most recent contracts deployed.

Testing the operations

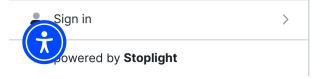
- Examples Dropdown: Click on the dropdown list to switch between operations and see how different scenarios are handled.
- Response Example: Use the dropdown list in the response section to view potential outcomes for each operation.

```
Request Sample: Shell / cURL \( \subseteq \)

curl --request POST \
    --url http://127.0.0.1:4000/a
    --header 'Accept: application
    --header 'Content-Type: application
    --data '{
        "id": 1,
        "method": "create_db",
        "params": [],
        "jsonrpc": "2.0"
}'
```

```
Response Example: ResponseCreateDB > 0

1 {
2    "id": 1,
3    "result": {
4    "data": "Database creat
5    }
6 }
```





genlayer

← Home

GenLayer JSON RPC

APIS

JSON-RPC API for GenLayer Operations

© GenLayer JSON-RPC Operations

Body

JSON-RPC request payload

jsonrpc string
Example: 2.0

method string
Method to be invoked

params array[string]
Parameters for the method, if any

id integer
Identifier for the request

Responses

200

application/json ~

Server response depending on the method invoked



