

Testing

Requirements

- Installchromedriver
- . It is required to run tests from./apps/block_scout_web
- of the Umbrella application.
- This set of environment variables is required for each run of the test (mix test
-) suite:
 - ```
 - Copy
 - export MIX_ENV=test
 - export POSTGRES_DB=explorer_test
 - export POSTGRES_PASSWORD=postgres
 - export POSTGRES_USER=postgres
 - export CHAIN_ID=77
 - ```
 -

Running tests

1. Build assets.cd apps/block_scout_web/assets && npm run build; cd -
2. Format Elixir code.mix format
3. Lint Elixir code.mix credo --strict
4. Run the dialyzer.mix dialyzer --halt-exit-status
5. Check the Elixir code for vulnerabilities.cd apps/explorer && mix sobelow --config; cd -
6. cd apps/block_scout_web && mix sobelow --config; cd -
7. Lint JavaScript code.cd apps/block_scout_web/assets && npm run eslint; cd -
8. Test JavaScript code.cd apps/block_scout_web/assets && npm run test; cd -
9. Run separate test suites for the Umbrella application
10. -indexer
11. mix do ecto.create --quiet, ecto.migrate && cd apps/indexer && mix do compile, test --no-start && cd -
12. -explorer
13. mix do ecto.create --quiet, ecto.migrate && cd apps/explorer && mix do compile, test --no-start && cd -
14. -block_scout_web
15. mix do ecto.create --quiet, ecto.migrate && cd apps/block_scout_web && mix do compile, test --no-start && cd -
16. -ethereum_jsonrpc
17. mix do ecto.create --quiet, ecto.migrate && cd apps/ethereum_jsonrpc && mix do compile, test --no-start && cd -
- 18.

Nethermind

Mox

This is the default setup. mix test --no-start will work on its own, but to be explicit, use the following setup :

```

```
Copy ETHEREUM_JSONRPC_CASE=EthereumJSONRPC.Case.Nethermind.Mox \
ETHEREUM_JSONRPC_WEB_SOCKET_CASE=EthereumJSONRPC.WebSocket.Case.Mox \
no_nethermind
```

```

HTTP / WebSocket

```

```
Copy ETHEREUM_JSONRPC_CASE=EthereumJSONRPC.Case.Nethermind.HTTPWebSocket \
ETHEREUM_JSONRPC_WEB_SOCKET_CASE=EthereumJSONRPC.WebSocket.Case.Nethermind \
exclude no_nethermind
```

```

Protocol URL HTTP http://localhost:8545 WebSocket ws://localhost:8546

Geth

Mox

...

```
Copy ETHEREUM_JSONRPC_CASE=EthereumJSONRPC.Case.Geth.Mox \  
ETHEREUM_JSONRPC_WEB_SOCKET_CASE=EthereumJSONRPC.WebSocket.Case.Mox \  
mix test --no-start --exclude  
no_geth
```

...

HTTP / WebSocket

...

```
Copy ETHEREUM_JSONRPC_CASE=EthereumJSONRPC.Case.Geth.HTTPWebSocket \  
ETHEREUM_JSONRPC_WEB_SOCKET_CASE=EthereumJSONRPC.WebSocket.Case.Geth \  
mix test --no-start --exclude  
no_geth
```

...

Protocol URL HTTP <https://mainnet.infura.io/8ITvJTKmHPCHazkneJsY> WebSocket
<wss://mainnet.infura.io/ws/8ITvJTKmHPCHazkneJsY>

Last updated 1 year ago