

Synopsis

You're a data engineer in a business that has built popular tooling for a very renowned web3 game. The product owner of this tooling site wants to show data on the home page of the tooling site that gives insight into what the top players of the game are currently doing, whether it's selling different assets or purchasing in-game items.

Task

Player Ronin addresses

- ronin:325f6d8ff8f1bc000b28a006ab3656ad5562f552
- ronin:5e79e396991f6926ca569581bac552e4775e4dfa
- ronin:8696c2efebb9726d492064f2c6fd879dbfb8d45e
- ronin:564981870a41809d66ee2d664e34ec898246205c
- ronin:dee51119838146b1be75bee55e4f2745cb0c67ae
- ronin:08d831f34876a2177efd9d7c3c99598168d66566
- ronin:6c667ec4c244f64c377a954a060368ca15dbee27
- ronin:8f8b613705599d622c6f697d2de7bc3574d6250f
- ronin:07d529ba8207343e1d5b1f47a1e3fbd63b9d47e8
- ronin:0d191f0b8d244f0f6a253189a9eff83f9c5708d3

Given the above 10 Ronin addresses, provide an insight into each players activity. The output of this task should be a data source that can be queried by a server side client so that it can serve frontend clients.

Useful resources

- <https://explorer.roninchain.com/> – this is a view into the Ronin blockchain, think of this as a public database that will tell you everything you need to know about a person's activity.
- <https://litepaper.roninchain.com/documentation> – documentation on how to connect to the Ronin blockchain using the SkyMavis JSON RPC client.
 - <https://documenter.getpostman.com/view/1372857/UVeKqQMn> – docs on the types of commands you can issue the JSON RPC service
- <https://documenter.getpostman.com/view/1399736/UzJQpZaN#intro> – these are the API docs to the very renowned web3 game Axie Infinity. From here you can lookup what assets a player holds, battle history etc.
- <https://axie-graphql.web.app/operations/getActivityLog> – an alternative data source to the one previously mentioned with a few additions such as looking up assets.

Code review

Once you're happy with your solution, create a new GitHub repository and invite engineering@tribally.games ready for code review. Feel free to reach out with any clarifying questions regarding the task or its scope.