

Congratulations, you've been invited to complete Block.one's Web Application Developer Technical Test!

You have two weeks from the date you received this test to complete it. Please send your completed technical test to [devtests@block.one](mailto:devtests@block.one) addressed to Melinda Norris when your solution is complete and ready to be reviewed. We wish you the best of luck on your test!

### **Web Application Developer Technical Test**

The following technical test is to be completed using your preferred language, framework, and tools. Please be explicit on how we should run your solution.

Web Application to pull the most recent blocks

#### **User Story**

- As an EOS User, I want to see a list of the most recent blocks from the eosio blockchain

#### **Helpful Resources**

- eos-js: <https://github.com/EOSIO/eosjs>
- Main Chain Endpoint; EOS Newyork has the transaction API enabled and will return full block content: [https://api.eosnewyork.io/v1/chain/get\\_info](https://api.eosnewyork.io/v1/chain/get_info)
- Description of api endpoints: <https://developers.eos.io/eosio-nodeos/reference>

#### **Product Owner Acceptance Criteria**

- Page should update with the click of a "LOAD" button. We should only show 10 most recent blocks, older blocks should be dropped from the list when you hit load again.
- Block list entries should show the hash of the block (this is the id), its timestamp, and the count of actions included in that block (this will typically be 0)
- Clicking a block entry should expand that line to show the raw contents of the block output.

#### **Technical Implementation Expectations**

- Use eos-js for requesting data from the blockchain.
- Unit tests.

#### **Deliverables**

- We prefer a public Github repository of your code, but an archive attached via email is also acceptable.

#### **Bonus Task**

- Display the ricardian contract provided in the abi of the included block actions and render it using mustache and markdown-it for the detailed block view when clicking a block entry.