**How to Test Ballot Voting**

The location in the environment is:

.eris/apps/SOLIDITY/gatekeeper

Make sure both **gatekeeper\_v2.js** and **ballot2.js** are running. You will have to send the request from the wallet that talks to gatekeeper\_v2.js. This function sets the coid data and selects

1. In **gatekeeper\_v2.js**, you can get the three validators who are voting by calling the function **getValidatorList(proposalId)** that is from the ballot contract.
2. Call the **vote** endpoint. You will need a strinigfied json object with the following fields:

‘{“msg”: ,”signature”: , “publicKey”: , “proposalID”: , “vote”: }’

Notice that you will have to sign a message from the wallet with the validator public key. Once your message is signed, you can call the endpoint as follows:

curl -i -H "Content-Type: application/json" -X POST -d ‘{“msg”: ,”signature”: , “publicKey”: , “proposalID”: , “vote”: }’ [http:// 10.100.98.218/vote](http://100.100.99.207/vote)

1. In order to call the delegate endpoint your request will be of the following form:

curl -i -H "Content-Type: application/json" -X POST -d ‘{“msg”: ,”signature”: , “publicKey”: , “proposalID”: , “toDelegate”: }’ [http:// 10.100.98.218/delegate](http://100.100.99.207/delegate)

Note that the field *toDelegate* references the public key of the validator to be delegated.

1. There is also an endpoint “/getIsProposalExpired”. This endpoint calls the ballot contract in order to ascertain if the proposal is expired. To call this endpoint, you will have to do a get request:

curl --request GET 'http://10.100.98.218/getIsProposalExpired'