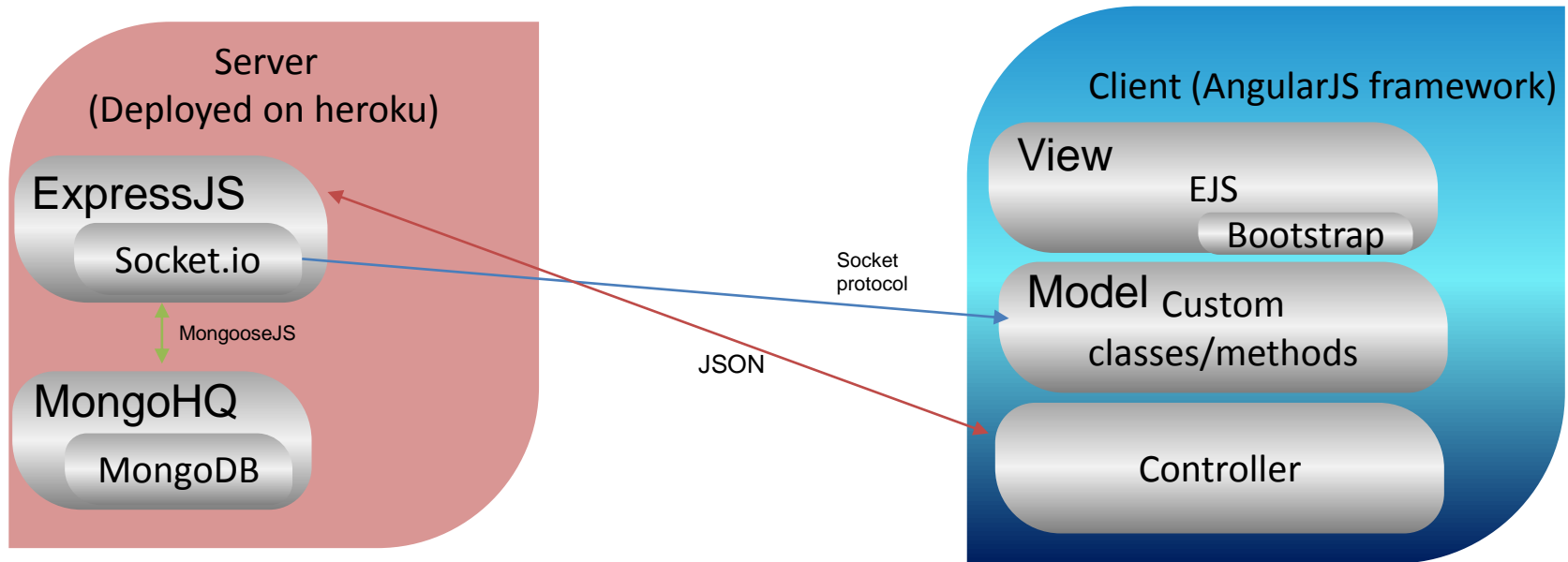


Architecture



Server

The server is deployed on heroku and consists of a mongodb database provided through mongoHQ service. The expressJS application uses the database through mongoosejs schema models. The expressjs application also uses the socket.io package to push real time updates to the client via its internal socket protocol. For communications that are not real time updates to the model we use JSON messages that are managed by the controller on client side and the expressjs app on the server side.

Client

The client is organized into a model, view, and a controller by the AngularJS framework. The view is composed of a EJS template engine that uses the core bootstrap files (processed into EJS). The model will contain all of our custom classes/methods and the controller will communicate with the backend server and contain the logic to connect the model and view. We will share logic across server and client through common libraries as the need arises.