Chata

A simple node chat app(as if there weren't enough out there already)

Demo then Discuss

What npm modules were used?

- Express - Most commonly used Node Web Framework

- Mongoose - Simple ODM for MongoDB

- Socket.io - Real-time web socket communication(server)

- Bcrypt - Encryption

- Moment - Date manipulation

- EmailJS - Sending emails

How did I use these modules?

* Express was mainly used for routing but provides much more.

* Mongoose was used for ODM but could have probably been skipped since it's a pretty simple app.

* Socket.io was for real-time chat feature.

* Bcrypt was used to encrypt passwords.

* Moment was used for date formatting.

* EmailJS was used to send out account resets.

What's being used on the Client side?

* Angular.js - MVC framework

* Bootstrap - CSS / HTML framework

* Socket.io - Real-time web socket communication(client)

* jQuery - ...

* Moment - Date manipulation

* Gravatar - Avatars

Why did I use these frameworks?

* Angular was used to organize code and reduce DOM manipulation.

* Bootstrap was used to speed up the implementation of the design.

* Socket.io was used for real-time communication (although you could have done this using REST ajax calls).

* jQuery was used in Angular directives

* Moment was used to format dates and times.

* Gravatar was the only avatar tool I could find.

What's missing?

- Logging(Winston - https://github.com/flatiron/winston)

- Test Framework(Mocha - http://visionmedia.github.io/mocha/)

- Load Testing(Loader.io - http://loader.io/)

- Client side package management like npm(Bower - http://bower.io/)

- Deployment(Maybe dokku and docker)

- Minification / Task Running(Grunt - http://gruntjs.com/)

- Realtime Node Dashboard(NodeFly - http://nodefly.com)

Url's of tools used

* Express - http://http://expressjs.com/

* Socket.io - http://socket.io/

* Mongoose - http://mongoosejs.com/

* Moment - http://momentjs.com/

* Bcrypt - https://github.com/ncb000gt/node.bcrypt.js

* EmailJS - https://github.com/eleith/emailjs

* AngularJS - http://angularjs.org/

* Bootstrap - http://getbootstrap.com/

* Gravatar - http://en.gravatar.com/

Q and A