Paul Cartwright

Disclaimer: Project is not yet finished therefore not all functionality is implemented.

To use this code you will need to setup a ruby on rails 5 development environment. Once this is done download the code and from the rails project root run “bundle install”. When it completes run “rails db:migrate” then “rails s” to start the server. Then all you have to do is go to your browser and enter “localhost:3000” and you can play with the web app.

The application is designed to facilitate the logging of contacts during the operation of a special event station. A special event station in when a group of amateur radio operators get together to get on the air to tell other operators about something that doesn't happen often or commemorate the happening of an event on its anniversary. An example of such an event for example the anniversary of pearl harbor or a 4H expo.

Currently you are able to create new events and operators but adding contacts is not fully implemented. I am using web sockets for adding contacts; the interaction between everything is complex and I don't yet fully understand how it all works together. Because of this I have not had enough time to implement all aspects of the contact model. I have begun work with the Google Maps API. At this moment it is not working, and I cannot figure out why. The QRZ API works well, I found a ruby gem that allowed me to pass it the call sign and a user name and password. The user name and password have to be from a user with a subscription which is about $30 a year. There are alternatives but QRZ has been around the longest and everyone uses it.

I learned that I forgot a lot of what I learned about rails previously, I learned about actioncable which handles the web sockets and I learned about MVC architecture and how it all works together. I also learned that the project took much longer to approach completion than I thought it would. I learned that rails is very powerful if you know how to use it.

I will continue working to show you a web app that is closer to completion when we talk on Monday!