Chart Maker 2.0 status - May 19

Completed:

-semi-working version: <http://jaymcdaniel.github.io/interactive-chart-maker/>

-all chart types and their options work. Result code creates working charts.

-save and load chart functions work. Some quirks to work out.

-maps and their options work. Result code not ready.

-begun work on developer documentation: <http://jaymcdaniel.github.io/interactive-chart-maker/docs/update_map_individual_series.html>

Todo:

-find and fix bugs in charts

-make animated maps

-make result code for maps work

-flesh out developer notes: <http://jaymcdaniel.github.io/interactive-chart-maker/docs/>

-write user docs and flesh out hint buttons in chart maker

-integrate into table wizard

Improvements over previous chart maker:

-code is much more organized and easy to follow and debug

-charts load much quicker with improved table-reading code

-result code is smaller so result charts take less time to load on web site

-updated to newest version of HighCharts to take advantage of new features and bug fixes

-improved file organization, using Node.js Gulp, and browserify. (see <https://github.com/JayMcDaniel/interactive-chart-maker> for file directory)

-JS files condense into one main .js file to make page load time much quicker (<https://github.com/JayMcDaniel/interactive-chart-maker/blob/master/scripts_build/main.min.js>). This will eventually be more compressed in production stage.

-Improved and simpler user interface, with icons instead of dropdown menus. Tabs make finding options easier.

-better and more professional looking design - page looks good on small and big monitors.

-Automatic updates to the charts: When an option is changed, the display chart / map automatically reflects that.

-result code is colored for easier readability

-map metro circles auto-stack to smaller bubbles end up on top

-map bubble sizes easy to adjust with new slider

-map colors and ranges more diverse. Instead of a fixed 5-range, user can go from 2-7 ranges

-hint buttons (?) help user understand things without consulting the manual.

-quick key buttons allow easier navigation and changes

-added legends to metro-area bubble maps

-improved map legend hover functionality