

DIG 270: Digital Maps, Place & Space
Davidson College Fall 2022

Exercise #3: Projecting Value & Mapping the Center

Instructions

In this set of exercises, you will geo-rectify a historical map of Davidson, or North Carolina, or some other place—and then project a clearly defined set of values onto it.

1. Discussing with your partner, think of a place you would like to map (perhaps Davidson, or North Carolina, or somewhere else).
2. Re-read Baghos, Brown, and Harley and discuss with your partner: How do you feel about your chosen place? What should the center of your map of this place be as a result? What values do you wish to project onto your map? Jot down some thoughts here.
3. Exploring the map collections listed in DMWL c. 8, Step 1, find and download a historical map of your place that suits your interests & point of view.
4. Following DMWL c. 8, Step 2, geo-rectify it.
5. Following the first part of DMWL c.8, Step 3, transform the XYZ link into a Wolfram-friendly URL. Save it.
6. Did you skip #2? Go back and do it now.
7. Setting the GeoServer option in your GeoGraphics to the Wolfram-friendly URL you saved in #5, plot and style at least one point, line, and polygon on your map. Add as many options as you think are necessary. Your goal is to use your map to convey the point of view and values you identified in #2. Draw on any/all techniques learned in DMWL cc. 1-10.
8. Write a paragraph of text in which you explain and justify the choices you made in #7 in order to advance the point of view and values you identified in #2.
9. Arrange all your work in a well-formatted notebook with a title, by-line (with all your names), section breaks, and no white space. Then, submit!

Due on Moodle by end of day, Oct. 7

(1 submission per pair is enough, but sign both of your names).