

## Drawing maps in p5.js from scratch

Download a shape file from <http://www.naturalearthdata.com>

Use <http://www.mapshaper.org> to load the shape file and the .dbf (the .shp shape files only have latitude-longitude coordinates of the paths, and .dbf files provide additional information such as the the countries' names). You can simplify paths by using mapshaper's built-in algorithms. Export the data as a GeoJSON.

Study the JSON's structure by using a JSON viewer (e.g. <http://jsonviewer.stack.hu>).

Load the JSON in your application by using p5.js' own loadJSON (<http://p5js.org/reference/#/p5/loadJSON>).

See example.