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Map Commands

Map Layers

Map layer is a simple string format that allows you to pass in information about a map layer.

It can contain the following properties:

- layertype = The type of layer (layer, raster, tile)
 - For layer layertype, you can use the same key value pairs used to specify a Workspace.
 - $\circ~$ For raster layer type, you specify a source=file key value pair.
 - For tile layertype, you use the same key value pairs used to specify a Tile layer.
- layername = The name of the Layer/Raster/Tile
- **layerprojection** = The Projection
- **style** = The SLD, CSS, or other style

Examples:

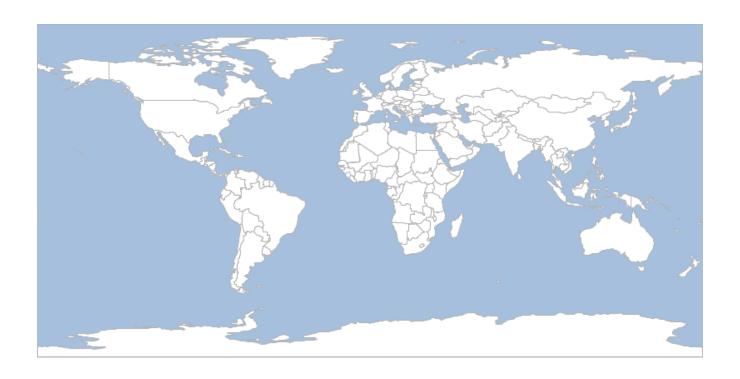
- Vector Layer
 - layertype=layer dbtype=geopkg database=/Users/user/Desktop/countries.gpkg
 layername=countries style=/Users/user/Desktop/countries.sld
 - layertype=layer file=/Users/user/Desktop/geoc/polygons.csv layername=polygons
 style=/Users/user/Desktop/geoc/polygons.sld
 - layertype=layer file=/Users/user/Desktop/geoc/points.properties
 style=/Users/user/Desktop/geoc/points.sld
 - layertype=layer file=/Users/user/Projects/geoc/src/test/resources/polygons.shp
 - layertype=layer directory=/Users/user/Projects/geoc/src/test/resources/points.properties
 layername=points
- Raster
 - layertype=raster source=rasters/earth.tif
- Tile
 - **layertype**=tile **file**=world.mbtiles
 - layertype=tile type=geopackage file=states.gpkg

Draw

Draw a map.

Short Name	Long Name	Description
-1	layer	The map layer
-f	file	The output image file
-t	type	The type of document
-W	width	The width
-h	height	The height
-b	bounds	The bounds
-g	background-color	The background color
-р	projection	The projection
	help	Print the help message
	web-help	Open help in a browser

geoc map draw -l "layertype=layer file=src/test/resources/data.gpkg layername=ocean
style=src/test/resources/ocean.sld" -l "layertype=layer
file=src/test/resources/data.gpkg layername=countries
style=src/test/resources/countries.sld" -f target/map.png

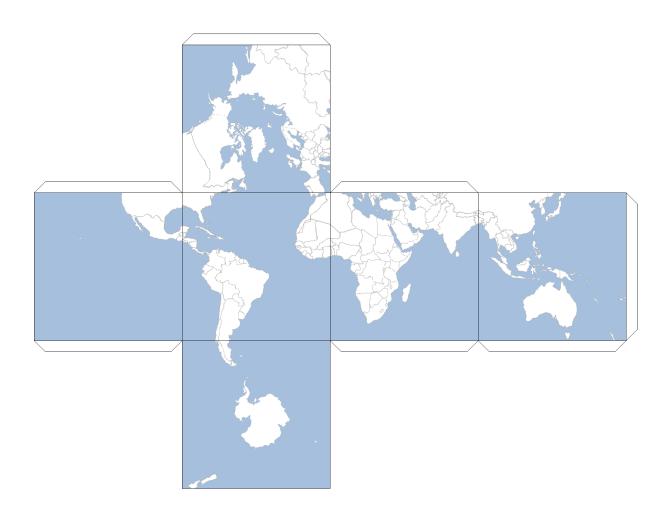


Map Cube

Draw a map cube.

Short Name	Long Name	Description
-1	layer	The map layer
-f	file	The output image file
-0	draw-outline	The flag to whether to draw outlines or not
-t	draw-tabs	The flag to whether to draw tabs or not
-S	tab-size	The tab size
-i	title	The title
-c	source	The data source or credits
	help	Print the help message
	web-help	Open help in a browser

geoc map cube -l "layertype=layer file=src/test/resources/data.gpkg layername=ocean
style=src/test/resources/ocean.sld" -l "layertype=layer
file=src/test/resources/data.gpkg layername=countries
style=src/test/resources/countries.sld" -o -f target/cube.png



Draw a blank map cube.

geoc map cube -o -f target/cube_blank.png

