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Map

Open

Open a new Map.

```
geo-shell> map open --name earth
```

Name	Description	Mandatory	Specified Default	Unspecified Default
name	The map name	true		

```
geo-shell> map open --name earth
Map earth opened!
```

```
geo-shell> map close --name earth
Map earth closed!
```

Close

Close a Tile Layer.

```
geo-shell> map close --name earth
```

Name	Description	Mandatory	Specified Default	Unspecified Default
name	The map name	true		

```
geo-shell> map open --name earth
Map earth opened!
```

```
geo-shell> map close --name earth
Map earth closed!
```

List

List open Maps.

```
geo-shell> map list
```



No parameters

```
geo-shell> map open --name earth
Map earth opened!
```

```
geo-shell> map open --name us
Map us opened!
```

```
geo-shell> map list
```

```
earth
```

```
us
```

```
geo-shell> map close --name earth
```

```
Map earth closed!
```

```
geo-shell> map close --name us
```

```
Map us closed!
```

Add Layer

Add a Layer.

```
geo-shell> map add layer --name world --layer countries
```

Name	Description	Mandatory	Specified Default	Unspecified Default
name	The map name	true		
layer	The layer	true		
mapLayerName	The map layer name	false		

```
geo-shell> map open --name world
```

```
Map world opened!
```

```
geo-shell> workspace open --name naturalearth --params examples/naturalearth.gpkg
```

```
Workspace naturalearth opened!
```

```
geo-shell> layer open --workspace naturalearth --layer countries --name countries
```

```
Opened Workspace naturalearth Layer countries as countries
```

```
geo-shell> layer style set --name countries --style examples/countries.sld
```

```
Style /home/travis/build/jericks/geo-shell/examples/countries.sld set on countries
```

```
geo-shell> layer open --workspace naturalearth --layer ocean --name ocean
```

```
Opened Workspace naturalearth Layer ocean as ocean
```

```
geo-shell> layer style set --name ocean --style examples/ocean.sld
```

```
Style /home/travis/build/jericks/geo-shell/examples/ocean.sld set on ocean
```

```
geo-shell> map add layer --name world --layer ocean
```

```
Added ocean layer to map world
```

```
geo-shell> map add layer --name world --layer countries
```

```
Added countries layer to map world
```

```
geo-shell> map draw --name world --file examples/map_add_layer.png
```

```
Done drawing /home/travis/build/jericks/geo-shell/examples/map_add_layer.png!
```

```
geo-shell> map close --name world
Map world closed!
```



Add Raster

Add a Raster.

```
geo-shell> map add raster --name world --raster earth
```

Name	Description	Mandatory	Specified Default	Unspecified Default
name	The map name	true		
raster	The raster	true		
mapLayerName	The map layer name	false		

```
geo-shell> map open --name world
Map world opened!
```

```
geo-shell> format open --name earth --input src/test/resources/earth.tif
Format earth opened!
```

```
geo-shell> raster open --format earth --raster earth --name earth
Opened Format earth Raster earth as earth
```

```
geo-shell> map add raster --name world --raster earth
Added earth layer to map world
```

geo-shell> **workspace open** --name naturalearth --params examples/naturalearth.gpkg
Workspace naturalearth opened!

geo-shell> **layer open** --workspace naturalearth --layer countries --name countries
Opened Workspace naturalearth Layer countries as countries

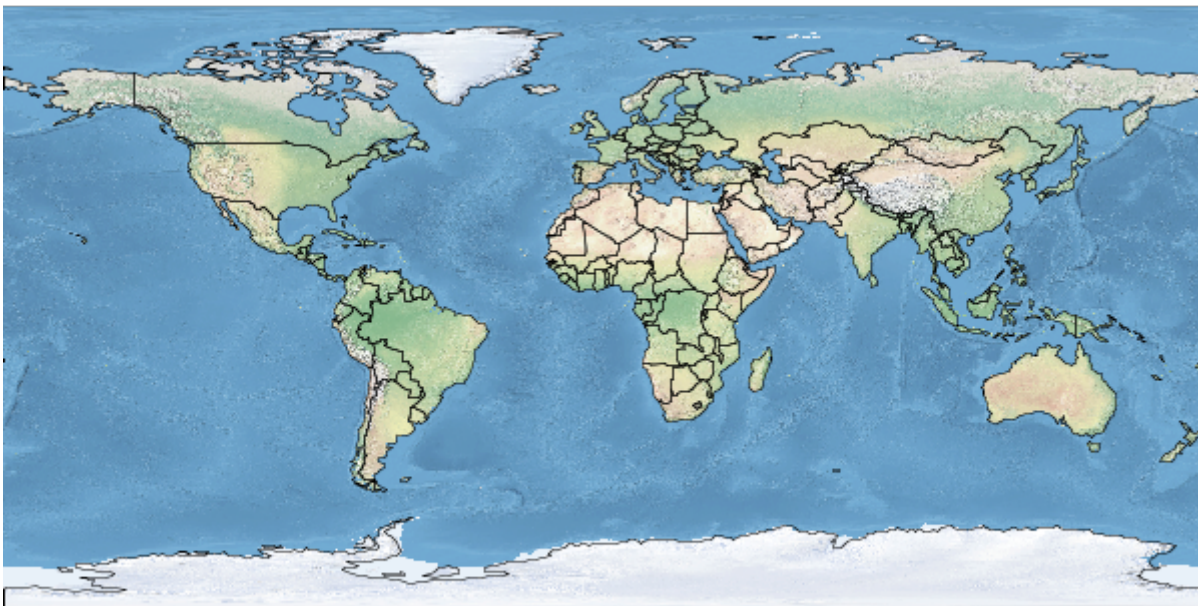
geo-shell> **style create** --params "stroke=black stroke-width=0.1" --file examples/outline.sld
Style stroke=black stroke-width=0.1 written to /home/travis/build/jericks/geo-shell/examples/outline.sld!

geo-shell> **layer style set** --name countries --style examples/outline.sld
Style /home/travis/build/jericks/geo-shell/examples/outline.sld set on countries

geo-shell> **map add layer** --name world --layer countries
Added countries layer to map world

geo-shell> **map draw** --name world --file examples/map_add_raster.png
Done drawing /home/travis/build/jericks/geo-shell/examples/map_add_raster.png!

geo-shell> **map close** --name world
Map world closed!



Add Tle

Add a Tile.

Name	Description	Mandatory	Specified Default	Unspecified Default
name	The map name	true		

tile	The tile	true		
mapLayerName	The map layer name	false		

Remove Layer

Remove a Layer.

Name	Description	Mandatory	Specified Default	Unspecified Default
name	The map name	true		
layer	The layer name	true		

Reorder

Reorder a Layer in the Map.

Name	Description	Mandatory	Specified Default	Unspecified Default
name	The map name	true		
layer	The layer name	true		
order	The order parameters	true		

Layers

List the Map's Layers.

Name	Description	Mandatory	Specified Default	Unspecified Default
name	The map name	true		

Draw

Draw a map.

Name	Description	Mandatory	Specified Default	Unspecified Default
name	The map name	true		
bounds	The Bounds	false		
projection	The Projection	false		
width	The width	false	600	600
height	The height	false	400	400

type	The type	false	png	png
file	The file	false		
background-color	The background color	false		