Table of Contents

| Raster Commands | 1 |
|--------------------|----|
| Absolute | 1 |
| Add Constant | 2 |
| Add | 4 |
| Animated GIF | 6 |
| Convolve | 9 |
| Contour | 11 |
| Crop with Bounds. | 12 |
| Crop with Geometry | 13 |
| Crop with Layer | 14 |
| Display | 15 |
| Divide | 16 |
| Divide Constant | 18 |
| Draw | 19 |
| Envelope | 20 |
| Exponent | 21 |
| Extract Footprint | 22 |
| Info | 23 |
| Invert | 24 |
| Get Projection | 25 |
| Get Size | 25 |
| Get Value | 26 |
| Reclassify | 26 |
| Style Default | 27 |
| Subtract Constant | 28 |
| Subtract | 29 |
| То | 31 |
| World File | 32 |

Raster Commands

Absolute

Calculate the absolute value of the values of a Raster.

| Short Name | Long Name | Description |
|------------|----------------------|--------------------------|
| -0 | output-raster | The output raster |
| -f | output-raster-format | The output raster format |

| Short Name | Long Name | Description |
|------------|-------------------|------------------------|
| -i | input-raster | The input raster |
| -1 | input-raster-name | The input raster name |
| -p | input-projection | The input projection |
| | help | Print the help message |
| | web-help | Open help in a browser |

geoc raster abs -i src/test/resources/absolute.tif -o target/absolute_abs.tif

| -7.0 | 3.0 | -6.0 | 3.0 |
|------|-----|------|-----|
| | 8.0 | 20 | 1.0 |
| -1.0 | 20 | -2.0 | 9.0 |
| -3.0 | 3.0 | -5.0 | 2.0 |



Add Constant

Add a constant value to a Raster.

| Short Name | Long Name | Description |
|------------|----------------------|--------------------------|
| -V | value | The value |
| -0 | output-raster | The output raster |
| -f | output-raster-format | The output raster format |
| -i | input-raster | The input raster |
| -1 | input-raster-name | The input raster name |
| -р | input-projection | The input projection |
| | help | Print the help message |
| | web-help | Open help in a browser |

Get original value

geoc raster get value -i src/test/resources/pc.tif -x -121.799927 -y 46.867703

3069.0

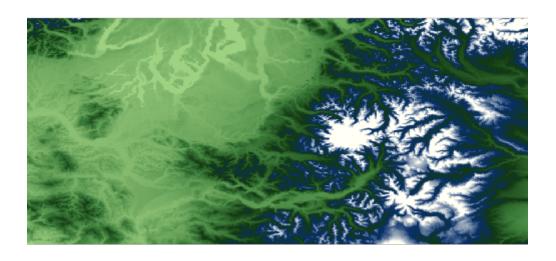
Add 100 to all cells

geoc raster add constant -i src/test/resources/pc.tif -v 100 -o target/pc_add.tif

Get new value

geoc raster get value -i target/pc_add.tif -x -121.799927 -y 46.867703

3169.0



Add

Add two Raster together.

| Short Name | Long Name | Description |
|------------|----------------------|--------------------------|
| -k | other-raster | The other raster |
| -у | other-raster-name | The other raster name |
| -j | other-projection | The other projection |
| -0 | output-raster | The output raster |
| -f | output-raster-format | The output raster format |
| -i | input-raster | The input raster |
| -1 | input-raster-name | The input raster name |
| -p | input-projection | The input projection |
| | help | Print the help message |
| | web-help | Open help in a browser |

geoc raster add -i src/test/resources/low.tif -k src/test/resources/high.tif -o
target/lowPlusHigh.tif

Low

| 13.0 | 14.0 | 15.0 | 16.0 |
|------|------|------|------|
| 9.0 | 10.0 | 11.0 | 12.0 |
| 5.0 | 6.0 | 7.0 | 8.0 |
| 1.0 | 2.0 | 3.0 | 4.0 |

High

| 17.0 | 18.0 | 19.0 | 20.0 |
|------|------|------|------|
| 13.0 | 14.0 | 15.0 | 16.0 |
| 9.0 | 10.0 | 11.0 | 12.0 |
| 5.0 | 6.0 | 7.0 | 8.0 |

Low + High

| 30.0 | 32.0 | 34.0 | 36.0 |
|------|------|------|------|
| 22.0 | 24.0 | 26.0 | 28.0 |
| 14.0 | 16.0 | 18.0 | 20.0 |
| 6.0 | 8.0 | 10.0 | 12.0 |

Animated GIF

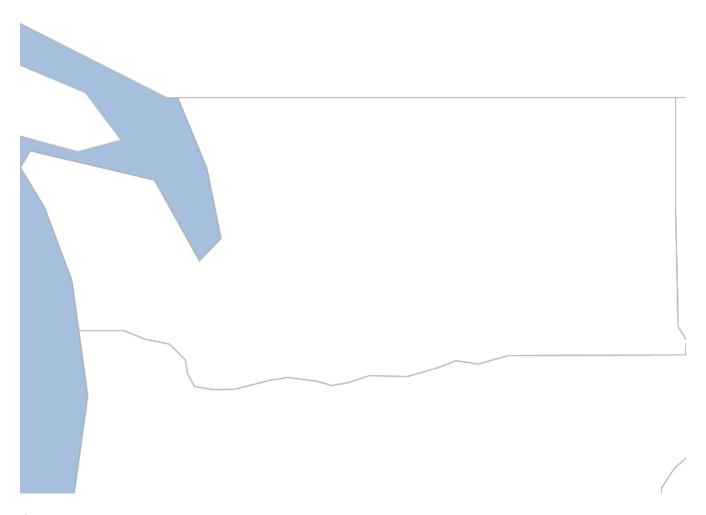
Create an animated GIF from a list of GIFs.

| Short Name | Long Name | Description |
|------------|-------------|--|
| -f | file | The GIF file |
| -0 | output-file | The output animated GIF file |
| -d | delay | The delay between images |
| -r | repeat | Whether to repeat the animation or not |
| | help | Print the help message |
| | web-help | Open help in a browser |

First, lets create individual maps of 3 states.

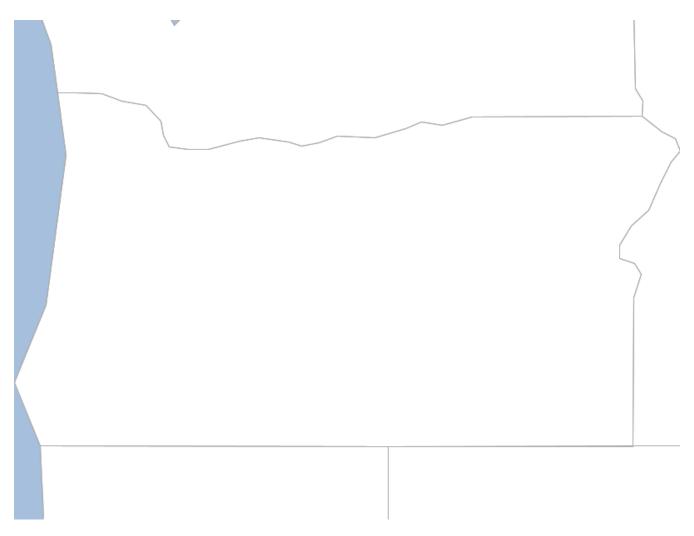
Washington

```
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" -l "layertype=layer
file=src/test/resources/data.gpkg layername=states
style=src/test/resources/states.sld" -b -124.68721008300781,45.59199778907822,
-116.90652787968992,49.000885321643864 -f target/state_washington.png
```



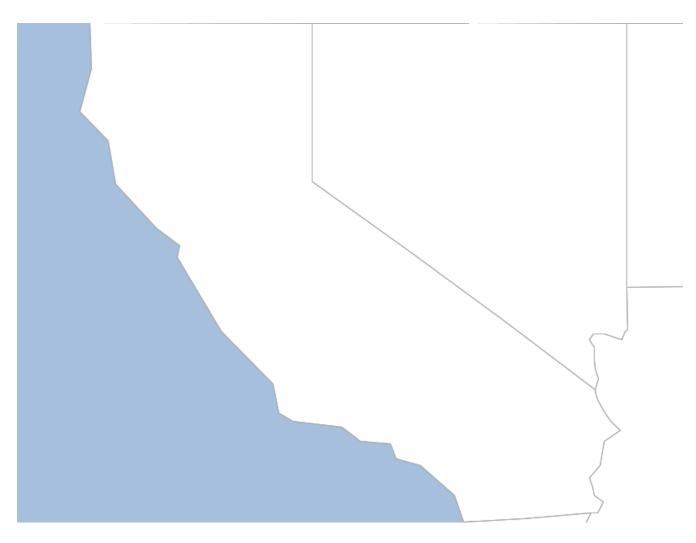
Oregon

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" -l "layertype=layer
file=src/test/resources/data.gpkg layername=states
style=src/test/resources/states.sld" -b -124.5328399999996,41.99260508886846,
-116.45779557988342,46.2830694871044 -f target/state_oregon.png



California

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" -l "layertype=layer
file=src/test/resources/data.gpkg layername=states
style=src/test/resources/states.sld" -b -124.39795772362243,32.535327053348965,
-114.16597164595498,41.99947805436335 -f target/state_california.png



Now lets stitch them together into an animated GIF.

geoc raster animatedgif -f target/state_washington.png -f target/state_oregon.png -f
target/state_california.png -o target/states.gif

[geoc animatedgif] | geoc_animatedgif.gif

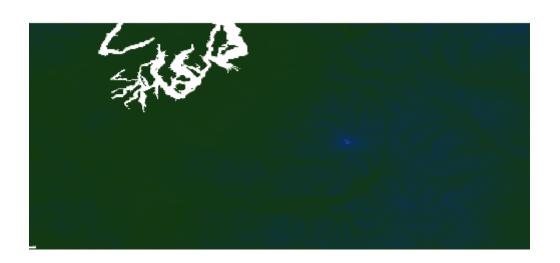
Convolve

Convolve the values of a Raster.

| Short Name | Long Name | Description |
|------------|----------------------|--------------------------|
| -W | width | The kernel width |
| -h | height | The kernel height |
| -0 | output-raster | The output raster |
| -f | output-raster-format | The output raster format |
| -i | input-raster | The input raster |
| -1 | input-raster-name | The input raster name |
| -р | input-projection | The input projection |

| Short Name | Long Name | Description |
|------------|-----------|------------------------|
| | help | Print the help message |
| | web-help | Open help in a browser |

geoc raster convolve -i src/test/resources/pc.tif -o target/pc_convolve.tif -w 2 -h 2



Original

```
geoc raster info -i src/test/resources/pc.tif
```

```
Format: GeoTIFF
Size: 800, 400
Projection ID: EPSG:4326
Projection WKT: GEOGCS["WGS 84",
 DATUM["World Geodetic System 1984",
    SPHEROID["WGS 84", 6378137.0, 298.257223563, AUTHORITY["EPSG","7030"]],
   AUTHORITY["EPSG","6326"]],
 PRIMEM["Greenwich", 0.0, AUTHORITY["EPSG", "8901"]],
 UNIT["degree", 0.017453292519943295],
 AXIS["Geodetic longitude", EAST],
 AXIS["Geodetic latitude", NORTH],
 AUTHORITY["EPSG","4326"]]
Extent: -123.55291606131708, 46.25375026634816, -120.73958272798374,
47.522916933014834
Pixel Size: 0.0035166666666666658, 0.0031729166666666763
Block Size: 800, 5
Bands:
   GRAY INDEX
     Min Value: -23.0 Max Value: 4370.0
```

```
geoc raster info -i target/pc_convolve.tif
```

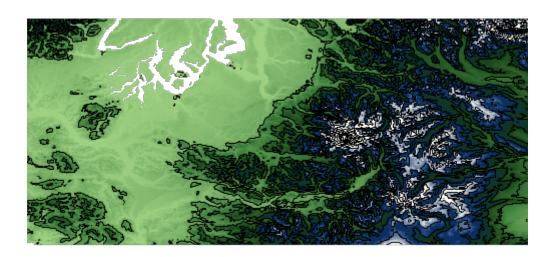
```
Format: GeoTIFF
Size: 800, 400
Projection ID: EPSG:4326
Projection WKT: GEOGCS["WGS 84",
  DATUM["World Geodetic System 1984",
    SPHEROID["WGS 84", 6378137.0, 298.257223563, AUTHORITY["EPSG","7030"]],
    AUTHORITY["EPSG","6326"]],
  PRIMEM["Greenwich", 0.0, AUTHORITY["EPSG", "8901"]],
  UNIT["degree", 0.017453292519943295],
  AXIS["Geodetic longitude", EAST],
  AXIS["Geodetic latitude", NORTH],
  AUTHORITY["EPSG","4326"]]
Extent: -123.55291606131708, 46.25375026634816, -120.73958272798374,
47.522916933014834
Pixel Size: 0.0035166666666666658, 0.0031729166666666763
Block Size: 800, 10
Bands:
   GRAY INDEX
      Min Value: -32767.0 Max Value: 17278.0
```

Contour

Create contours from a Raster.

| Short Name | Long Name | Description |
|------------|-------------------|------------------------|
| -b | band | The band |
| -V | level | A level or interval |
| -S | simplify | Whether to simplify |
| -m | smooth | Whether to smooth |
| -n | bounds | The bounds |
| -0 | output-workspace | The output workspace |
| -r | output-layer | The output layer |
| -i | input-raster | The input raster |
| -1 | input-raster-name | The input raster name |
| -p | input-projection | The input projection |
| | help | Print the help message |
| | web-help | Open help in a browser |

geoc raster contour -i src/test/resources/pc.tif -b 0 -v 300 -s -m -o target/contours.shp

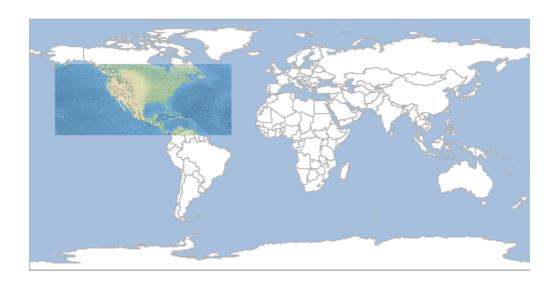


Crop with Bounds

Crop a Raster with Bounds.

| Short Name | Long Name | Description | |
|------------|----------------------|---|--|
| -b | bound | The Bounds | |
| -X | pixel | Whether the Bounds is pixel or geographic | |
| -0 | output-raster | The output raster | |
| -f | output-raster-format | The output raster format | |
| -i | input-raster | The input raster | |
| -1 | input-raster-name | The input raster name | |
| -р | input-projection | The input projection | |
| | help | Print the help message | |
| | web-help | Open help in a browser | |

geoc raster crop -i src/test/resources/earth.tif -b -160.927734,6.751896,
-34.716797,57.279043 -o target/earth_cropped.tif

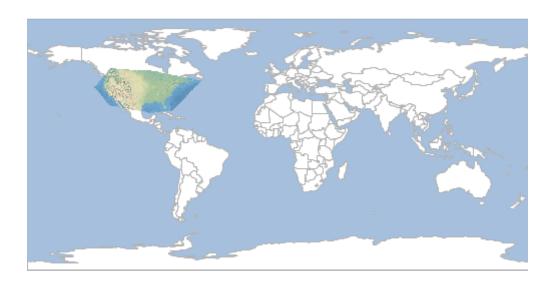


Crop with Geometry

Crop a Raster with Geometry.

| Short Name | Long Name | Description |
|------------|----------------------|--------------------------|
| -g | geometry | The Geometry |
| -0 | output-raster | The output raster |
| -f | output-raster-format | The output raster format |
| -i | input-raster | The input raster |
| -1 | input-raster-name | The input raster name |
| -p | input-projection | The input projection |
| | help | Print the help message |
| | web-help | Open help in a browser |

geoc raster crop with geometry -i src/test/resources/earth.tif -g "POLYGON ((-120.06886118446164 54.657570186377484, -131.4744345802818 40.88641840854305, -120.66873293244274 27.841500134049014, -91.23852896646747 22.376168381822453, -75.66538001484537 23.99772020337508, -54.66444615739175 45.994788780815526, -91.94198075352523 53.20175611636799, -120.06886118446164 54.657570186377484))" -o target/earth_cropped.tif



Crop with Layer

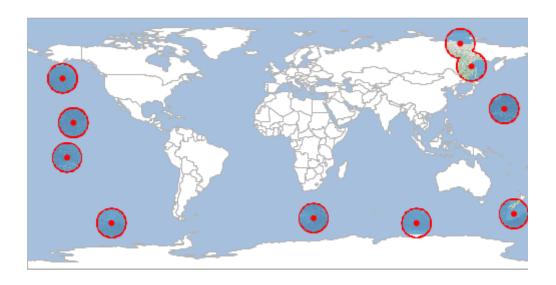
Crop a Raster with a Layer.

| Short Name | Long Name | Description |
|------------|----------------------|--------------------------|
| -W | input-workspace | The input workspace |
| -у | input-layer | The input layer |
| -0 | output-raster | The output raster |
| -f | output-raster-format | The output raster format |
| -i | input-raster | The input raster |
| -1 | input-raster-name | The input raster name |
| -p | input-projection | The input projection |
| | help | Print the help message |
| | web-help | Open help in a browser |

geoc vector randompoints -n 10 -g -180,-90,180,90 -o target/locations.shp

geoc vector buffer -d 10 -i target/locations.shp -o target/buffers.shp

geoc raster crop with layer -i src/test/resources/earth.tif -o
target/earth_cropped.tif -w target/buffers.shp



Display

Display a Raster in a simple GUI Window.

| Short Name | Long Name | Description |
|------------|-------------------|------------------------|
| -W | width | The width |
| -h | height | The height |
| -S | sld-file | The sld file |
| -b | bounds | The bounds |
| -m | layer | The map layer |
| -g | background-color | The background color |
| -i | input-raster | The input raster |
| -1 | input-raster-name | The input raster name |
| -р | input-projection | The input projection |
| | help | Print the help message |
| | web-help | Open help in a browser |

geoc raster display -i src/test/resources/pc.tif



Divide

Divide one Raster by another Raster.

| Short Name | Long Name | Description |
|------------|----------------------|--------------------------|
| -k | other-raster | The other raster |
| -у | other-raster-name | The other raster name |
| -j | other-projection | The other projection |
| -0 | output-raster | The output raster |
| -f | output-raster-format | The output raster format |
| -i | input-raster | The input raster |
| -1 | input-raster-name | The input raster name |
| -р | input-projection | The input projection |
| | help | Print the help message |
| | web-help | Open help in a browser |

geoc raster divide -i src/test/resources/high.tif -k src/test/resources/low.tif -o
target/divided.tif

Low

| 13.00 | 14.00 | 15.00 | 16.00 |
|-------|-------|-------|-------|
| 9.00 | 10.00 | 11.00 | 12.00 |
| 5.00 | 6.00 | 7.00 | 8.00 |
| 1.00 | 2.00 | 3.00 | 4.00 |

High

| 17.00 | 18.00 | 19.00 | 20.00 |
|-------|-------|-------|-------|
| 13.00 | 14.00 | 15.00 | 16.00 |
| 9.00 | 10.00 | 11.00 | 12.00 |
| 5.00 | 6.00 | 7.00 | 8.00 |

High / Low

| 1.31 | 1.29 | 1.27 | 1.25 |
|------|------|------|------|
| 1.44 | 1.40 | 1.36 | 1.33 |
| 1.80 | 1.67 | 1.57 | 1.50 |
| 5.00 | 3.00 | 2.33 | 2.00 |

Divide Constant

Divide a Raster by a constant value.

| Short Name | Long Name | Description |
|------------|----------------------|--------------------------|
| -V | value | The value |
| -0 | output-raster | The output raster |
| -f | output-raster-format | The output raster format |
| -i | input-raster | The input raster |
| -1 | input-raster-name | The input raster name |
| -p | input-projection | The input projection |
| | help | Print the help message |
| | web-help | Open help in a browser |

geoc raster divide constant -i src/test/resources/high.tif -v 2.1 -o target/divided.tif

Raster

| 17.00 | 18.00 | 19.00 | 20.00 |
|-------|-------|-------|-------|
| 13.00 | 14.00 | 15.00 | 16.00 |
| 9.00 | 10.00 | 11.00 | 12.00 |
| 5.00 | 6.00 | 7.00 | 8.00 |

Raster / 2.1

| 8.10 | 8.57 | 9.05 | 9.52 |
|------|------|------|------|
| 6.19 | 6.67 | 7.14 | 7.62 |
| 4.29 | 4.76 | 5.24 | 5.71 |
| 2.38 | 2.86 | 3.33 | 3.81 |

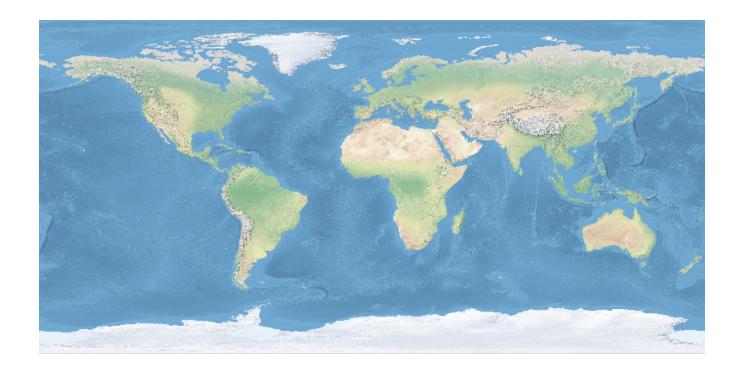
Draw

Draw a Raster to an image.

| Short Name | Long Name | Description |
|------------|-----------|----------------------|
| -f | file | The output file |
| -t | type | The type of document |
| -W | width | The width |
| -h | height | The height |
| -S | sld-file | The sld file |
| -b | bounds | The bounds |
| -m | layer | The map layer |

| Short Name | Long Name | Description |
|------------|-------------------|------------------------|
| -i | input-raster | The input raster |
| -1 | input-raster-name | The input raster name |
| -р | input-projection | The input projection |
| | help | Print the help message |
| | web-help | Open help in a browser |

geoc raster draw -i src/test/resources/earth.tif -f target/image.png



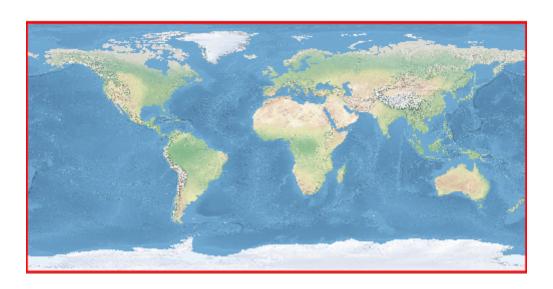
Envelope

Get the Envelope of a Raster as a Vector Layer.

| Short Name | Long Name | Description |
|------------|-------------------|-----------------------|
| -0 | output-workspace | The output workspace |
| -r | output-layer | The output layer |
| -i | input-raster | The input raster |
| -1 | input-raster-name | The input raster name |

| Short Name | Long Name | Description |
|------------|------------------|------------------------|
| -р | input-projection | The input projection |
| | help | Print the help message |
| | web-help | Open help in a browser |

geoc raster envelope -i src/test/resources/earth.tif -o target/earth_envelope.shp



Exponent

Calculate the exponent for each cell..

| Short Name | Long Name | Description |
|------------|----------------------|--------------------------|
| -0 | output-raster | The output raster |
| -f | output-raster-format | The output raster format |
| -i | input-raster | The input raster |
| -1 | input-raster-name | The input raster name |
| -р | input-projection | The input projection |
| | help | Print the help message |
| | web-help | Open help in a browser |

geoc raster exp -i src/test/resources/pc.tif -o target/pc_exp.tif



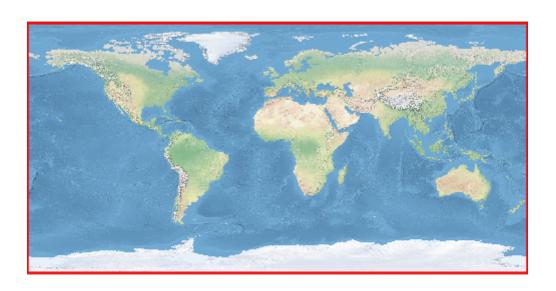
Extract Footprint

Extract the footprint of the Raster as a Vector Layer.

| Short Name | Long Name | Description |
|------------|------------------------------|---|
| -е | exclusion-range | A comma delimited range of values to exclude from the search. |
| -t | threshold-area | A number used to exclude small Polygons. The default is 5. |
| -f | compute-simplified-footprint | Whether to compute a simplified footprint or not. The default is false. |
| -S | simplifier-factor | A number used to simplify the geometry. The default is 2. |
| -c | remove-collinear | Whether to remove collinear coordinates. The default is true. |
| -V | force-valid | Whether to force creation of valid polygons. The default is true. |
| -у | loading-type | The image loading type (Deferred or Immediate). Immediate is the default. |
| -0 | output-workspace | The output workspace |
| -r | output-layer | The output layer |
| -i | input-raster | The input raster |
| -1 | input-raster-name | The input raster name |

| Short Name | Long Name | Description |
|------------|------------------|------------------------|
| -p | input-projection | The input projection |
| | help | Print the help message |
| | web-help | Open help in a browser |

geoc raster extractfootprint -i src/test/resources/earth.tif -o
target/earth_footprint.shp



Info

Get information about a Raster.

| Short Name | Long Name | Description |
|------------|-------------------|------------------------|
| -i | input-raster | The input raster |
| -1 | input-raster-name | The input raster name |
| -p | input-projection | The input projection |
| | help | Print the help message |
| | web-help | Open help in a browser |

geoc raster info -i src/test/resources/earth.tif

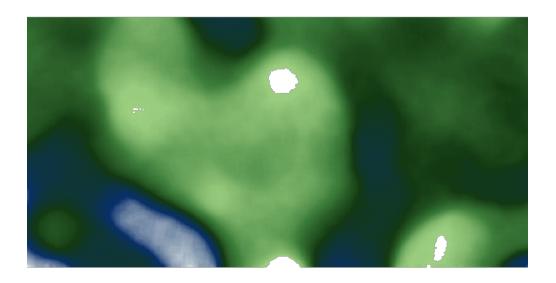
```
Format: GeoTIFF
Size: 800, 400
Projection ID: EPSG:4326
Projection WKT: GEOGCS["WGS 84",
 DATUM["World Geodetic System 1984",
   SPHEROID["WGS 84", 6378137.0, 298.257223563, AUTHORITY["EPSG","7030"]],
   AUTHORITY["EPSG","6326"]],
 PRIMEM["Greenwich", 0.0, AUTHORITY["EPSG", "8901"]],
 UNIT["degree", 0.017453292519943295],
 AXIS["Geodetic longitude", EAST],
 AXIS["Geodetic latitude", NORTH],
 AUTHORITY["EPSG","4326"]]
Extent: -179.999999999997, -89.9999999998205, 179.9999999996405, 90.0
Pixel Size: 0.4499999999995505, 0.44999999999551
Block Size: 800, 8
Bands:
   RED BAND
     Min Value: 56.0 Max Value: 255.0
   GREEN_BAND
     Min Value: 84.0 Max Value: 255.0
   BLUE BAND
      Min Value: 91.0 Max Value: 255.0
```

Invert

Invert the values of a Raster.

| Short Name | Long Name | Description |
|------------|----------------------|--------------------------|
| -0 | output-raster | The output raster |
| -f | output-raster-format | The output raster format |
| -i | input-raster | The input raster |
| -1 | input-raster-name | The input raster name |
| -р | input-projection | The input projection |
| | help | Print the help message |
| | web-help | Open help in a browser |

geoc raster invert -i src/test/resources/raster.tif -o target/inverted.tif



Get Projection

Get the Raster Projection.

| Short Name | Long Name | Description |
|------------|-------------------|--------------------------------------|
| -t | type | The output type (epsg, id, srs, wkt) |
| -i | input-raster | The input raster |
| -1 | input-raster-name | The input raster name |
| -p | input-projection | The input projection |
| | help | Print the help message |
| | web-help | Open help in a browser |

geoc raster projection -i src/test/resources/earth.tif

EPSG:4326

Get Size

Get the Raster size (width,height).

| Short Name | Long Name | Description |
|------------|-------------------|-----------------------|
| -i | input-raster | The input raster |
| -l | input-raster-name | The input raster name |
| -р | input-projection | The input projection |

| Short Name | Long Name | Description |
|------------|-----------|------------------------|
| | help | Print the help message |
| | web-help | Open help in a browser |

geoc raster size -i src/test/resources/earth.tif

800,400

Get Value

Get a value from a Raster

| Short Name | Long Name | Description |
|------------|-------------------|--------------------------------|
| -X | x-coordinate | The x coordinate |
| -у | y-coordinate | The y coordinate |
| -t | type | The type can be point or pixel |
| -b | band | The band to get a value from |
| -i | input-raster | The input raster |
| -1 | input-raster-name | The input raster name |
| -р | input-projection | The input projection |
| | help | Print the help message |
| | web-help | Open help in a browser |

geoc raster get value -i src/test/resources/pc.tif -x -121.799927 -y 46.867703

3069.0

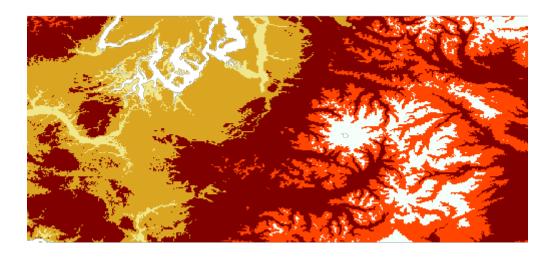
Reclassify

Reclassify a Raster.

| Short Name | Long Name | Description |
|------------|-----------|--------------------------------------|
| -b | band | The band |
| -n | nodata | The NODATA value |
| -r | range | A range: from-to=value or 1- 10=5 |

| Short Name | Long Name | Description |
|------------|----------------------|--------------------------|
| -0 | output-raster | The output raster |
| -f | output-raster-format | The output raster format |
| -i | input-raster | The input raster |
| -1 | input-raster-name | The input raster name |
| -р | input-projection | The input projection |
| | help | Print the help message |
| | web-help | Open help in a browser |

geoc raster reclassify -i src/test/resources/pc.tif -o target/pc_reclass.tif -r 0-0=1 -r 0-50=2 -r 50-200=3 -r 200-1000=5 -r 1000-1500=4 -r 1500-4000=6



Style Default

Create a default Style for a Raster.

| Short Name | Long Name | Description |
|------------|-----------|------------------------|
| -0 | opacity | The opacity |
| | help | Print the help message |
| | web-help | Open help in a browser |

geoc raster style default

```
<?xml version="1.0" encoding="UTF-8"?><sld:StyledLayerDescriptor xmlns:sld=</pre>
"http://www.opengis.net/sld" xmlns="http://www.opengis.net/sld" xmlns:gml=
"http://www.opengis.net/gml" xmlns:ogc="http://www.opengis.net/ogc" version="1.0.0">
 <sld:UserLayer>
    <sld:LayerFeatureConstraints>
      <sld:FeatureTypeConstraint/>
    </sld:LayerFeatureConstraints>
    <sld:UserStyle>
      <sld:Name>Default Styler</sld:Name>
      <sld:FeatureTypeStyle>
        <sld:Name>name</sld:Name>
        <sld:Rule>
          <sld:RasterSymbolizer>
            <sld:Geometry>
              <ogc:Literal>grid</ogc:Literal>
            </sld:Geometry>
            <sld:ContrastEnhancement/>
          </sld:RasterSymbolizer>
        </sld:Rule>
      </sld:FeatureTypeStyle>
    </sld:UserStyle>
 </sld:UserLayer>
</sld:StyledLayerDescriptor>
```

Subtract Constant

Subtract a constant value from a Raster.

| Short Name | Long Name | Description |
|------------|----------------------|--|
| -V | value | The value |
| -m | from | Whether to subtract the Raster from the constant or vice verse |
| -0 | output-raster | The output raster |
| -f | output-raster-format | The output raster format |
| -i | input-raster | The input raster |
| -1 | input-raster-name | The input raster name |
| -p | input-projection | The input projection |
| | help | Print the help message |
| | web-help | Open help in a browser |

Get original value

```
geoc raster get value -i src/test/resources/pc.tif -x -121.799927 -y 46.867703
```

3069.0

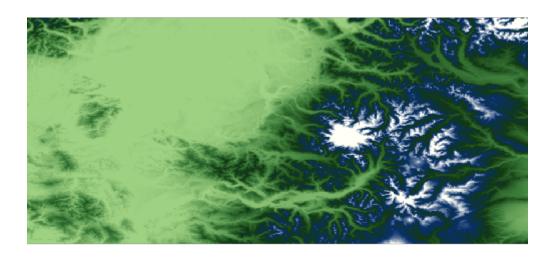
Subtract 100 from all cells

geoc raster subtract constant -i src/test/resources/pc.tif -v 100 -o
target/pc_subtract.tif

Get new value

geoc raster get value -i target/pc_subtract.tif -x -121.799927 -y 46.867703

2969.0



Subtract

Subtract one Raster from another.

| Short Name | Long Name | Description |
|------------|----------------------|--------------------------|
| -k | other-raster | The other raster |
| -у | other-raster-name | The other raster name |
| -j | other-projection | The other projection |
| -0 | output-raster | The output raster |
| -f | output-raster-format | The output raster format |
| -i | input-raster | The input raster |
| -l | input-raster-name | The input raster name |

| Short Name | Long Name | Description |
|------------|------------------|------------------------|
| -p | input-projection | The input projection |
| | help | Print the help message |
| | web-help | Open help in a browser |

geoc raster subtract -i src/test/resources/high.tif -k src/test/resources/low.tif -o
target/highMinusLow.tif

High

| 17.0 | 18.0 | 19.0 | 20.0 |
|------|------|------|------|
| 13.0 | 14.0 | 15.0 | 16.0 |
| 9.0 | 10.0 | 11.0 | 12.0 |
| 5.0 | 6.0 | 7.0 | 8.0 |

Low

| 13.0 | 14.0 | 15.0 | 16.0 |
|------|------|------|------|
| 9.0 | 10.0 | 11.0 | 12.0 |
| 5.0 | 6.0 | 7.0 | 8.0 |
| 1.0 | 2.0 | 3.0 | 4.0 |

High - Low



ToConvert a Raster from one format to another.

| Short Name | Long Name | Description |
|------------|----------------------|--------------------------|
| -0 | output-raster | The output raster |
| -f | output-raster-format | The output raster format |
| -i | input-raster | The input raster |
| -1 | input-raster-name | The input raster name |
| -р | input-projection | The input projection |
| | help | Print the help message |
| | web-help | Open help in a browser |

geoc raster to -i src/test/resources/raster.tif -o target/raster.png -f worldimage



World File

Create a Raster world file

| Short Name | Long Name | Description |
|------------|-----------|------------------------|
| -b | bounds | The bounds |
| -S | size | The size |
| -f | file | The world file |
| | help | Print the help message |
| | web-help | Open help in a browser |

geoc raster worldfile -b 10,11,20,21 -s 800,751

0.0125

0.0

0.0

-0.013315579227696404

10.00625

20.993342210386153