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# Style

## Create

Create a simple style.

| Name   | Description          | Mandatory | Specified Default | Unspecified Default |
|--------|----------------------|-----------|-------------------|---------------------|
| params | The style parameters | true      |                   |                     |
| file   | The output file      | true      |                   |                     |

## Vector Default

Create a default vector style.

| Name    | Description     | Mandatory | Specified Default | Unspecified Default |
|---------|-----------------|-----------|-------------------|---------------------|
| layer   | The Layer       | true      |                   |                     |
| color   | The color       | false     | #f2f2f2           | #f2f2f2             |
| opacity | The opacity     | false     | 1.0               | 1.0                 |
| file    | The output file | true      |                   |                     |

## Vector Gradient

Create a gradient vector style.

| Name     | Description   | Mandatory | Specified Default | Unspecified Default |
|----------|---|-----------|-------------------|---------------------|
| layer    | The Layer   | true      |                   |                     |
| field    | The field   | true      |                   |                     |
| number   | The number of categories                              | true      |                   |                     |
| colors   | The colors  | true      |                   |                     |
| method   | The classification method (Quantile or EqualInterval) | false     | Quantile          | Quantile            |
| elsemode | The else mode (ignore, min, max)                      | false     | ignore            | ignore              |
| file     | The output file                                       | true      |                   |                     |

## Vector Unique Values

Create a unique values vector style.

| Name   | Description     | Mandatory | Specified Default | Unspecified Default |
|--------|-----------------|-----------|-------------------|---------------------|
| layer  | The Layer       | true      |                   |                     |
| field  | The field       | true      |                   |                     |
| colors | The colors      | true      |                   |                     |
| file   | The output file | true      |                   |                     |

## Vector Unique Values From Text File

Create a unique values vector style from a text file

| Name         | Description                    | Mandatory | Specified Default | Unspecified Default |
|--------------|--------------------------------|-----------|-------------------|---------------------|
| field        | The field name                 | true      |                   |                     |
| geometryType | The geometry type              | true      |                   |                     |
| textFile     | The input text file            | true      |                   |                     |
| styleFile    | The output sld or<br>ysld file | true      |                   |                     |

## Raster Default

Create a default raster style.

| Name    | Description     | Mandatory | Specified Default | Unspecified Default |
|---------|-----------------|-----------|-------------------|---------------------|
| raster  | The Raster      | true      |                   |                     |
| opacity | The opacity     | false     | 1.0               | 1.0                 |
| file    | The output file | true      |                   |                     |

## Raster Color Map

Create a color map raster style.

| Name    | Description | Mandatory | Specified Default | Unspecified Default |
|---------|-------------|-----------|-------------------|---------------------|
| raster  | The Raster  | true      |                   |                     |
| opacity | The opacity | false     | 1.0               | 1.0                 |

|          |  |       |       |       |
|----------|--|-------|-------|-------|
| values   | The comma delimited list of values (key=value) | true  |       |       |
| type     | The type (intervals, values, ramp)             | false | ramp  | ramp  |
| extended | Whether to use extended colors or not          | false | false | false |
| file     | The output file                                | true  |       |       |