

Street Smart SLD examples



Versie EN190620

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1. Introduction

This document describes what's currently supported of SLD/SE 1.1 in Street Smart. It shows several examples explaining the limitations if applicable. This document doesn't explain the internals of SLD or an in depth explanation on how various styles can be used.

Street Smart is able to read and apply SLD/SE 1.1. SLD 1.0 is not supported.

A good start to get more SLD knowledge is reading the SLD cookbook written by Mike Pumphrey.

Available at: <http://projects.opengeo.org/suite/attachment/ticket/622/sldcookbook.pdf>

or: <http://docs.geoserver.org/stable/en/user/styling/sld-cookbook/index.html>



2. SLD/SE 1.1

2.1 Point

2.1.1 Marker as point symbolizer

This example draws a simple point with a cross symbol of size 12.



Current supported symbolizers:

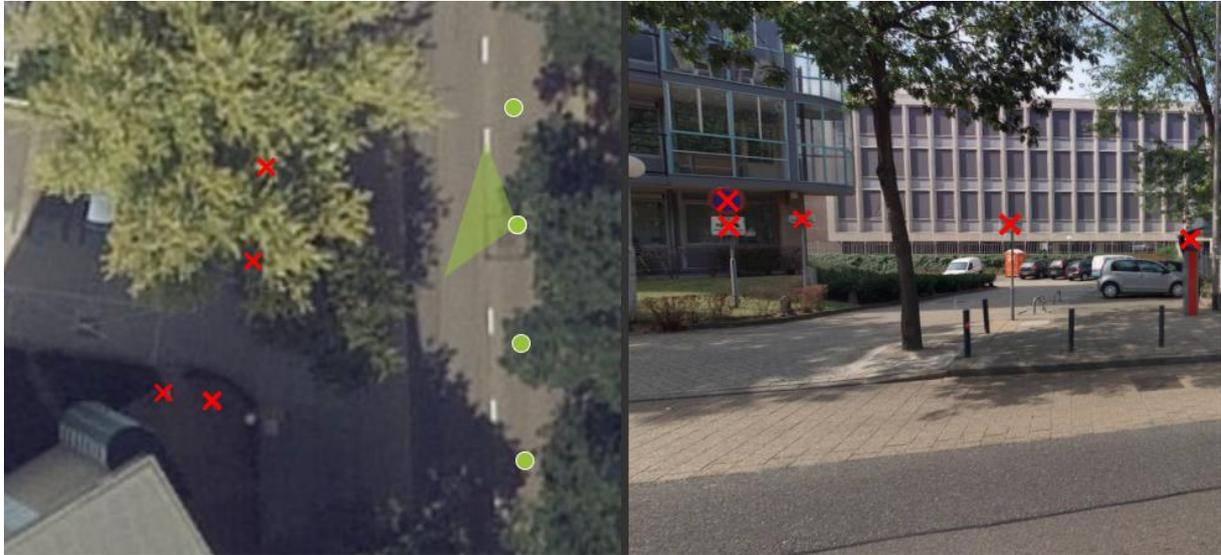
- Square
- Circle
- Cross

SLD code:

```
<FeatureTypeStyle>
  <Rule>
    <PointSymbolizer>
      <Graphic>
        <Mark>
          <WellKnownName>cross</WellKnownName>
          <Fill>
            <SvgParameter name="fill">#00FF00</SvgParameter>
            <SvgParameter name="fill-opacity">0.9</SvgParameter>
          </Fill>
        </Mark>
        <Size>12</Size>
      </Graphic>
    </PointSymbolizer>
  </Rule>
</FeatureTypeStyle>
```

2.1.2 Rotated marker as point symbolizer

This example draws a simple point with a rotated cross of size 16.



SLD code:

```
<FeatureTypeStyle>
  <Rule>
    <PointSymbolizer>
      <Graphic>
        <Mark>
          <WellKnownName>cross</WellKnownName>
          <Fill>
            <SvgParameter name="fill">#FF0000</SvgParameter>
          </Fill>
          </Mark>
          <Size>16</Size>
          <Rotation>45</Rotation>
        </Graphic>
      </PointSymbolizer>
    </Rule>
  </FeatureTypeStyle>
```

2.1.3 Marker as point symbolizer with stroke

This example draws a simple point with a cross symbolize of size 12 with a stroke.



SLD code:

```
<FeatureTypeStyle>
  <Rule>
    <PointSymbolizer>
      <Graphic>
        <Mark>
          <WellKnownName>cross</WellKnownName>
          <Fill>
            <SvgParameter name="fill">#00FF00</SvgParameter>
            <SvgParameter name="fill-opacity">0.9</SvgParameter>
          </Fill>
          <Stroke>
            <SvgParameter name="stroke">#000000</SvgParameter>
            <SvgParameter name="stroke-width">2</SvgParameter>
          </Stroke>
        </Mark>
        <Size>12</Size>
      </Graphic>
    </PointSymbolizer>
  </Rule>
</FeatureTypeStyle>
```

2.1.4 External graphic as point symbolizer

This example draws an image on a point.



SLD code:

```
<FeatureTypeStyle>
  <Rule>
    <PointSymbolizer>
      <Graphic>
        <ExternalGraphic>
          <OnlineResource xlink:type="simple" xlink:href="https://www.test.com/sign.png" />
          <Format>image/png</Format>
        </ExternalGraphic>
        <Size>16</Size>
      </Graphic>
    </PointSymbolizer>
  </Rule>
</FeatureTypeStyle>
```

2.1.5 Point symbolizer with a property based dynamic online resource

This example shows how to use a property to style each point with a different image.

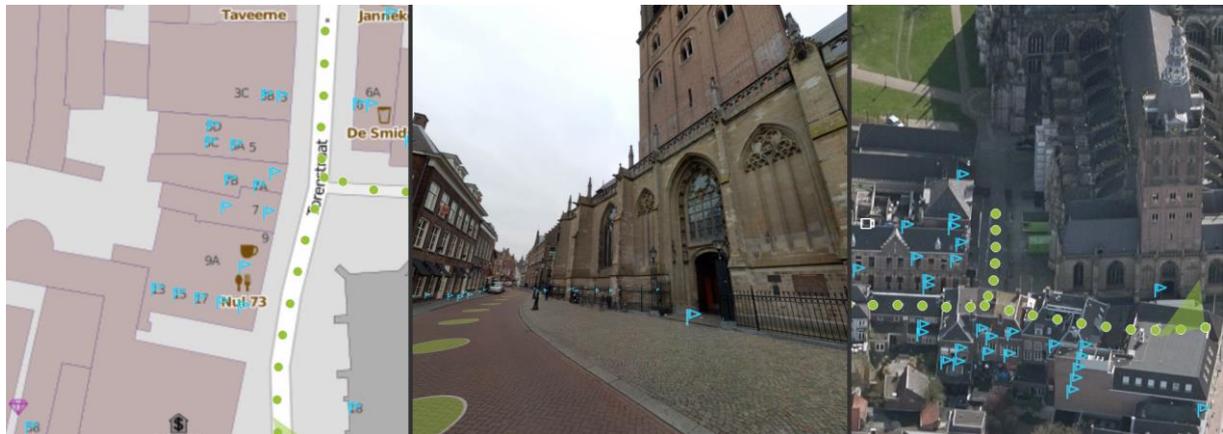


SLD Code:

```
<FeatureTypeStyle>
  <Rule>
    <PointSymbolizer>
      <Graphic>
        <ExternalGraphic>
          <VendorOption
            name="dynamicOnlineResource">https://www.test.com/traffic/<ogc:PropertyName>signtype</ogc:Prop
            ertyName>.png</VendorOption>
          <Format>image/png</Format>
        </ExternalGraphic>
        <Size>25</Size>
      </Graphic>
    </PointSymbolizer>
  </Rule>
</FeatureTypeStyle>
```

2.1.6 Base64 graphic as point symbolizer

This example draws an image converted to a base64 sting on a point. This is not standard SLD functionality, it only works in Street Smart.



SLD code:

```
<FeatureTypeStyle>
  <Rule>
    <PointSymbolizer>
      <Graphic>
        <ExternalGraphic>
          <InlineContent
            encoding="data:image/png;base64">iVBORw0KGgoAAAANSUHEUgAAABgAAAAYCAYAAADgdz34AAAABHNCSVQICAgIf
            AhkiAAAAAlwSFlzAAAQAAADsQB1SsOGwAAAB1ORVh0U29mdHdhcmUAd3d3Lm1ua3NjYXB1Lm9yZ5vuPBAAAIBSURBEi
            J7ZVRSFNhFmd/Z5u526SxWRh31FNU9JDOJlQQQwhxEAKyC86rF6773noEcDwydhFOWLw1VEGOGTa6tGRBYJkwVqN10j1
            /f04IZ30uaaBgX9n757v++e3/mf833fhT8sKQ1U1QHsLT5mACcgIrKyLSRVNYMp1WBKVX397zXZMdbnen/oIPDcxquN67
            dgRlIkGzIH6U9kGRqrA253ZgtRkkjhhEe70MdvnuK60AR7VJnxMu+HjidVKYzBECmuPG9TQve6c1cjujfarq3JKD4jgww
            sie6DL9r/J0TizRwTClzNoMpg8ZjJ3zcbfPJ/G6ASiYw1zjuPWZ7vg3zk/lofsmjx+g2cX3YzuZ6PAw3mNwJ+SXR6W4rs0
            slmUjYgGjwoized33MMfA6zzdL3KEYlnCsSzhpJdLqhoSkR+wSQ+qqcGPBVgiWGJ7L6D2db/lwF6iK6nyEp1sWi9RKfuaA
            feyenhsgctn3tH1fHm9ye0bmhwDbm74tiogb8HFjww/XeJUpkAjwAE3i60Gj057eHC1hYiIrI5UiVEV8GUVRhYIux1Yzz3
            E7QftPnCTbveVAPMnmkjMrNB8sJFo5y4iA7v18SQwVEPQX0pVTTOhaiZUVdVUVZeq7qg3XkkVS2TfCvtR3efgP+DfAZTto
            paG7QdU/OkXr+a/Xz8B3Svdlo4Xzf8AAAAASUVORK5CYII=</InlineContent>
          </ExternalGraphic>
          <Size>20</Size>
        </Graphic>
      </PointSymbolizer>
    </Rule>
  </FeatureTypeStyle>
```

2.1.7 Attributes as sld-property

This example shows that you can use the properties of a feature as a label.



SLD code:

```
<FeatureTypeStyle>
  <Rule>
    <TextSymbolizer>
      <Label>
        <ogc:PropertyName>text</ogc:PropertyName>
      </Label>
      <Font>
        <CssParameter name="font-family">Arial</CssParameter>
        <CssParameter name="font-size">
          <ogc:PropertyName>textsize</ogc:PropertyName>
        </CssParameter>
        <CssParameter name="font-style">normal</CssParameter>
        <CssParameter name="font-weight">bold</CssParameter>
      </Font>
    </TextSymbolizer>
  </Rule>
</FeatureTypeStyle>
```

2.1.8 Attribute-based point

This example shows a point with different sizes and styles. The size is based on the property 'huisnummer'. The filters 'PropertyIsEqualTo' and 'PropertyIsGreaterThan' are used to check against this property.

Currently supported filters:

- PropertyIsEqualTo
- PropertyIsGreaterThan
- PropertyIsGreaterThanOrEqualTo
- PropertyIsLessThan
- PropertyIsLessThanOrEqualTo
- PropertyIsNotEqualTo
- PropertyIsNull



SLD code:

```
<FeatureTypeStyle>
  <Rule>
    <ogc:Filter>
      <ogc:PropertyIsEqualTo>
        <ogc:PropertyName>huisnummer</ogc:PropertyName>
        <ogc:Literal>30</ogc:Literal>
      </ogc:PropertyIsEqualTo>
    </ogc:Filter>
    <PointSymbolizer>
      <Graphic>
        <Mark>
          <WellKnownName>circle</WellKnownName>
          <Fill>
            <SvgParameter name="fill">#00FF00</SvgParameter>
            <SvgParameter name="fill-opacity">0.9</SvgParameter>
          </Fill>
          <Stroke>
            <SvgParameter name="stroke">#000000</SvgParameter>
            <SvgParameter name="stroke-width">2</SvgParameter>
          </Stroke>
        </Mark>
        <Size>12</Size>
      </Graphic>
    </PointSymbolizer>
  </Rule>
  <Rule>
    <ogc:Filter>
      <ogc:PropertyIsGreaterThan>
        <ogc:PropertyName>huisnummer</ogc:PropertyName>
        <ogc:Literal>30</ogc:Literal>
      </ogc:PropertyIsGreaterThan>
    </ogc:Filter>
    <PointSymbolizer>
      <Graphic>
        <Mark>
          <WellKnownName>square</WellKnownName>
          <Fill>
            <SvgParameter name="fill">#00FF00</SvgParameter>
            <SvgParameter name="fill-opacity">0.9</SvgParameter>
          </Fill>
          <Stroke>
            <SvgParameter name="stroke">#000000</SvgParameter>
            <SvgParameter name="stroke-width">2</SvgParameter>
          </Stroke>
        </Mark>
        <Size>8</Size>
      </Graphic>
    </PointSymbolizer>
  </Rule>
</FeatureTypeStyle>
```

2.1.9 Stacked styles

This example shows multiple different styles for one point stacked on top of each other.



SLD code:

```
<FeatureTypeStyle>
  <Rule>
    <PointSymbolizer>
      <Graphic>
        <Mark>
          <WellKnownName>circle</WellKnownName>
          <Fill>
            <SvgParameter name="fill">#FF0000</SvgParameter>
          </Fill>
        </Mark>
        <Size>32</Size>
      </Graphic>
    </PointSymbolizer>
  </Rule>
  <Rule>
    <PointSymbolizer>
      <Graphic>
        <Mark>
          <WellKnownName>square</WellKnownName>
          <Fill>
            <SvgParameter name="fill">#0000FF</SvgParameter>
          </Fill>
        </Mark>
        <Size>16</Size>
        <Rotation>45</Rotation>
      </Graphic>
    </PointSymbolizer>
  </Rule>
  <Rule>
    <PointSymbolizer>
      <Graphic>
        <Mark>
          <WellKnownName>cross</WellKnownName>
          <Fill>
            <SvgParameter name="fill">#00FF00</SvgParameter>
          </Fill>
        </Mark>
        <Size>16</Size>
      </Graphic>
    </PointSymbolizer>
  </Rule>
</FeatureTypeStyle>
```

2.1.10 Marker and label with label displacement

This example shows a marker with a label which is rotated around the center of the anchorpoint and the displaced to the point.



SLD Code:

```
<FeatureTypeStyle>
  <Rule>
    <PointSymbolizer>
      <Graphic>
        <Mark>
          <WellKnownName>circle</WellKnownName>
          <Fill>
            <SvgParameter name="fill">#FF0000</SvgParameter>
          </Fill>
        </Mark>
        <Size>16</Size>
      </Graphic>
    </PointSymbolizer>
    <TextSymbolizer>
      <Label>
        <ogc:PropertyName>drager_type</ogc:PropertyName>
      </Label>
      <Font>
        <CssParameter name="font-family">Arial</CssParameter>
        <CssParameter name="font-size">10</CssParameter>
        <CssParameter name="font-style">normal</CssParameter>
        <CssParameter name="font-weight">bold</CssParameter>
      </Font>
      <LabelPlacement>
        <PointPlacement>
          <AnchorPoint>
            <AnchorPointX>0.5</AnchorPointX>
            <AnchorPointY>0.5</AnchorPointY>
          </AnchorPoint>
          <Displacement>
            <DisplacementX>10</DisplacementX>
            <DisplacementY>20</DisplacementY>
          </Displacement>
          <Rotation>45</Rotation>
        </PointPlacement>
      </LabelPlacement>
    </TextSymbolizer>
  </Rule>
</FeatureTypeStyle>
```

2.2 Line

2.2.1 Simple line

This example specifies lines to be coloured red. Default thickness is 1 pixel.



SLD code:

```
<FeatureTypeStyle>
  <Rule>
    <LineSymbolizer>
      <Stroke>
        <SvgParameter name="stroke" value="#FF0000"/>
      </Stroke>
    </LineSymbolizer>
  </Rule>
</FeatureTypeStyle>
```

2.2.2 Attributes as sld-property

This example shows that you can use the properties of a feature for the styling.



SLD code:

```
<FeatureTypeStyle>
  <Rule>
    <LineSymbolizer>
      <Stroke>
        <CssParameter name="stroke">
          <ogc:PropertyName>color</ogc:PropertyName>
        </CssParameter>
        <CssParameter name="stroke-width">1</CssParameter>
        <CssParameter name="stroke-opacity">0.8</CssParameter>
      </Stroke>
    </LineSymbolizer>
  </Rule>
</FeatureTypeStyle>
```



2.2.3 Attribute-based line

This example shows a line with different styles. The style is based on the property 'lokaalID'. The filters 'PropertyIsEqualTo' and 'PropertyIsGreaterThan' are used to check against this property.

Currently supported filters:

- PropertyIsEqualTo
- PropertyIsGreaterThan
- PropertyIsGreaterThanOrEqualTo
- PropertyIsLessThan
- PropertyIsLessThanOrEqualTo
- PropertyIsNotEqualTo
- PropertyIsNull



SLD code:

```
<FeatureTypeStyle>
  <Rule>
    <ogc:Filter>
      <ogc:PropertyIsGreaterThan>
        <ogc:PropertyName>lokaalID</ogc:PropertyName>
        <ogc:Literal>420425302</ogc:Literal>
      </ogc:PropertyIsGreaterThan>
    </ogc:Filter>
    <LineSymbolizer>
      <Stroke>
        <SvgParameter name="stroke">#FF0000</SvgParameter>
      </Stroke>
    </LineSymbolizer>
  </Rule>
  <Rule>
    <ogc:Filter>
      <ogc:PropertyIsLessThanOrEqualTo>
        <ogc:PropertyName>lokaalID</ogc:PropertyName>
        <ogc:Literal>420425302</ogc:Literal>
      </ogc:PropertyIsLessThanOrEqualTo>
    </ogc:Filter>
    <LineSymbolizer>
      <Stroke>
        <SvgParameter name="stroke">#00FF00</SvgParameter>
      </Stroke>
    </LineSymbolizer>
  </Rule>
</FeatureTypeStyle>
```



2.3 Polygon

2.3.1 Simple Polygon with fill

This example specifies polygons to be colored blue with a white outline.



SLD code:

```
<FeatureTypeStyle>
  <Rule>
    <PolygonSymbolizer>
      <Fill>
        <SvgParameter name="fill">#0000FF</SvgParameter>
      </Fill>
      <Stroke>
        <SvgParameter name="stroke">#FFFFFF</SvgParameter>
        <SvgParameter name="stroke-width">1</SvgParameter>
      </Stroke>
    </PolygonSymbolizer>
  </Rule>
</FeatureTypeStyle>
```

2.3.2 Polygon with fill, stroke and transparency

This example specifies polygons to be coloured blue with transparency and a white outline.



SLD code:

```
<FeatureTypeStyle>
  <Rule>
    <PolygonSymbolizer>
      <Fill>
        <SvgParameter name="fill">#0000FF</SvgParameter>
        <SvgParameter name="fill-opacity">0.5</SvgParameter>
      </Fill>
      <Stroke>
        <SvgParameter name="stroke">#FFFFFF</SvgParameter>
        <SvgParameter name="stroke-width">1</SvgParameter>
      </Stroke>
    </PolygonSymbolizer>
  </Rule>
</FeatureTypeStyle>
```

2.3.3 Polygon with external graphic fill

This example uses an external graphic to fill the polygon.



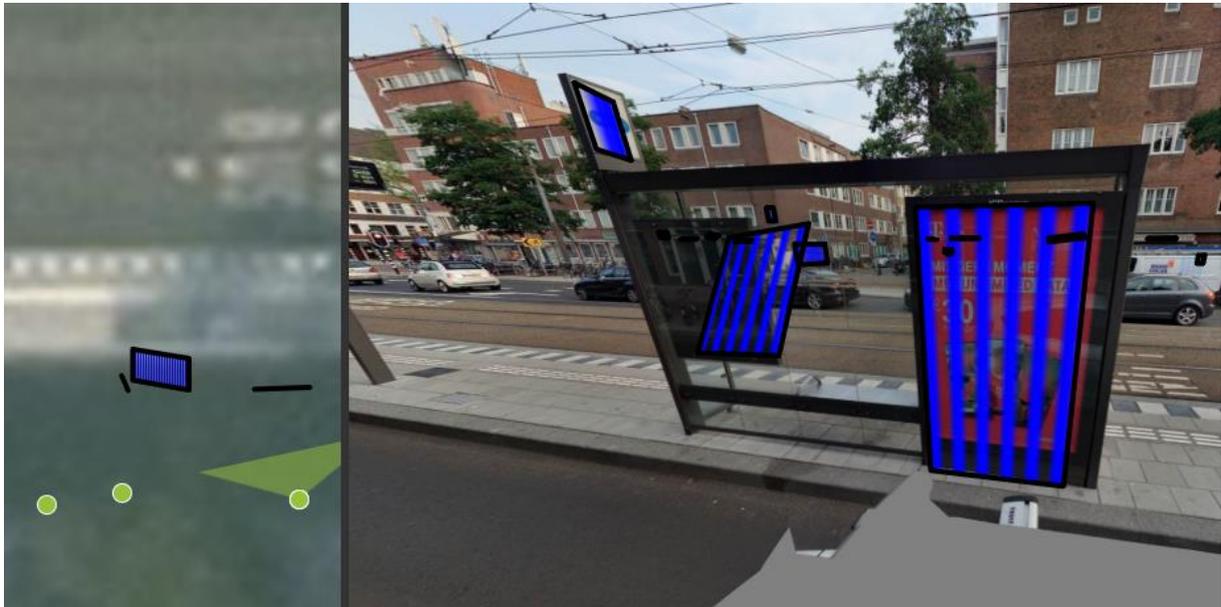
SLD code:

```
<FeatureTypeStyle>
  <Rule>
    <PolygonSymbolizer>
      <Fill>
        <GraphicFill>
          <Graphic>
            <ExternalGraphic>
              <OnlineResource xlink:type="simple" xlink:href="https://www.test.com/red.png" />
              <Format>image/png</Format>
            </ExternalGraphic>
          </Graphic>
        </GraphicFill>
      </Fill>
      <Stroke>
        <CssParameter name="stroke">#000000</CssParameter>
        <CssParameter name="stroke-width">4</CssParameter>
      </Stroke>
    </PolygonSymbolizer>
  </Rule>
</FeatureTypeStyle>
```



2.3.4 Polygon with base64 graphic fill

This example uses an image converted to a base64 sting to fill the polygon. This is not standard SLD functionality, it only works in Street Smart.



SLD code:

```
<FeatureTypeStyle>
  <Rule>
    <PolygonSymbolizer>
      <Fill>
        <GraphicFill>
          <Graphic>
            <ExternalGraphic>
              <InlineContent encoding="data:image/png;base64">
iVBORw0KGgoAAAANSUhEUgAAAAQAAAECAYAAACp8Z5+AAAABHNCSVQICAgIfAhkiAAAAAlwSFlzAAAOxAAADsQB1SsOGw
AAAB10RVh0U29mdHdhcmUAd3d3Lm1ua3NjYXB1Lm9yZ5vuPBoAAAAiSURBVAiZY2Bg+P+HgeH/CwYoYGJgYGBmYGBgQRZA
ARgCAPUrA/ATrD5KAAAAElFTkSuQmCC</InlineContent>
              </ExternalGraphic>
              <Size>2</Size>
            </Graphic>
          </GraphicFill>
        </Fill>
      <Stroke>
        <CssParameter name="stroke">#000000</CssParameter>
        <CssParameter name="stroke-width">4</CssParameter>
      </Stroke>
    </PolygonSymbolizer>
  </Rule>
</FeatureTypeStyle>
```

2.3.5 Polygon with a property based dynamic online resource

This example shows how to use a property to style polygon with a different fill.



SLD code:

```
<FeatureTypeStyle>
  <Rule>
    <PolygonSymbolizer>
      <Fill>
        <GraphicFill>
          <Graphic>
            <ExternalGraphic>
              <OnlineResource xlink:type="simple"
xlink:href="https://www.test.com/<ogc:PropertyName>colorname</ogc:PropertyName>.png" />
              <Format>image/png</Format>
            </ExternalGraphic>
          </Graphic>
        </GraphicFill>
      </Fill>
      <Stroke>
        <CssParameter name="stroke">#000000</CssParameter>
        <CssParameter name="stroke-width">4</CssParameter>
      </Stroke>
    </PolygonSymbolizer>
  </Rule>
</FeatureTypeStyle>
```

2.3.6 Attributes as sld-property

This example shows that you can use the properties of a feature for the styling.



SLD code:

```
<FeatureTypeStyle>
  <Rule>
    <PolygonSymbolizer>
      <Fill>
        <CssParameter name="fill">
          <ogc:PropertyName>color</ogc:PropertyName>
        </CssParameter>
        <CssParameter name="fill-opacity">0.5</CssParameter>
      </Fill>
      <Stroke>
        <CssParameter name="stroke">
          <ogc:PropertyName>color</ogc:PropertyName>
        </CssParameter>
        <CssParameter name="stroke-width">1</CssParameter>
      </Stroke>
    </PolygonSymbolizer>
  </Rule>
</FeatureTypeStyle>
```



2.3.7 Attribute based polygon

This example shows a polygon with different styles. The style is based on the property 'lokaalID'. The filters 'PropertyIsLessThanOrEqualTo' and 'PropertyIsGreaterThan' are used to check against this property.

Currently supported filters:

- PropertyIsEqualTo
- PropertyIsGreaterThan
- PropertyIsGreaterThanOrEqualTo
- PropertyIsLessThan
- PropertyIsLessThanOrEqualTo
- PropertyIsNotEqualTo
- PropertyIsNull



SLD code:

```
<FeatureTypeStyle>
  <Rule>
    <ogc:Filter>
      <ogc:PropertyIsGreaterThan>
        <ogc:PropertyName>lokaalID</ogc:PropertyName>
        <ogc:Literal>420140410</ogc:Literal>
      </ogc:PropertyIsGreaterThan>
    </ogc:Filter>
    <PolygonSymbolizer>
      <Fill>
        <SvgParameter name="fill">#555588</SvgParameter>
        <SvgParameter name="fill-opacity">0.6</SvgParameter>
      </Fill>
      <Stroke>
        <SvgParameter name="stroke">#FFFFFF</SvgParameter>
        <SvgParameter name="stroke-width">1</SvgParameter>
      </Stroke>
    </PolygonSymbolizer>
  </Rule>
  <Rule>
    <ogc:Filter>
      <ogc:PropertyIsLessThanOrEqualTo>
        <ogc:PropertyName>lokaalID</ogc:PropertyName>
        <ogc:Literal>420140410</ogc:Literal>
      </ogc:PropertyIsLessThanOrEqualTo>
    </ogc:Filter>
    <PolygonSymbolizer>
      <Fill>
        <SvgParameter name="fill">#88AAAA</SvgParameter>
        <SvgParameter name="fill-opacity">0.4</SvgParameter>
      </Fill>
      <Stroke>
        <SvgParameter name="stroke">#FFFFFF</SvgParameter>
        <SvgParameter name="stroke-width">1</SvgParameter>
      </Stroke>
    </PolygonSymbolizer>
  </Rule>
</FeatureTypeStyle>
```

2.4 Vendor options

2.4.1 excludeFromCyclorama

The `excludeFromCyclorama` vendor option specifies if a given rule should not be applied to a cyclorama.



SLD code:

```
<Rule>
  <VendorOption name="excludeFromCyclorama" />
  <PointSymbolizer>
    ...
  </PointSymbolizer>
</Rule>
```

2.4.2 excludeFromMap

The excludeFromMap vendor option specifies if a given rule should not be applied to the map.



SLD code:

```
<Rule>
  <VendorOption name="excludeFromMap" />
  <PointSymbolizer>
    ...
  </PointSymbolizer>
</Rule>
```

2.4.3 navigateToURLOnClick

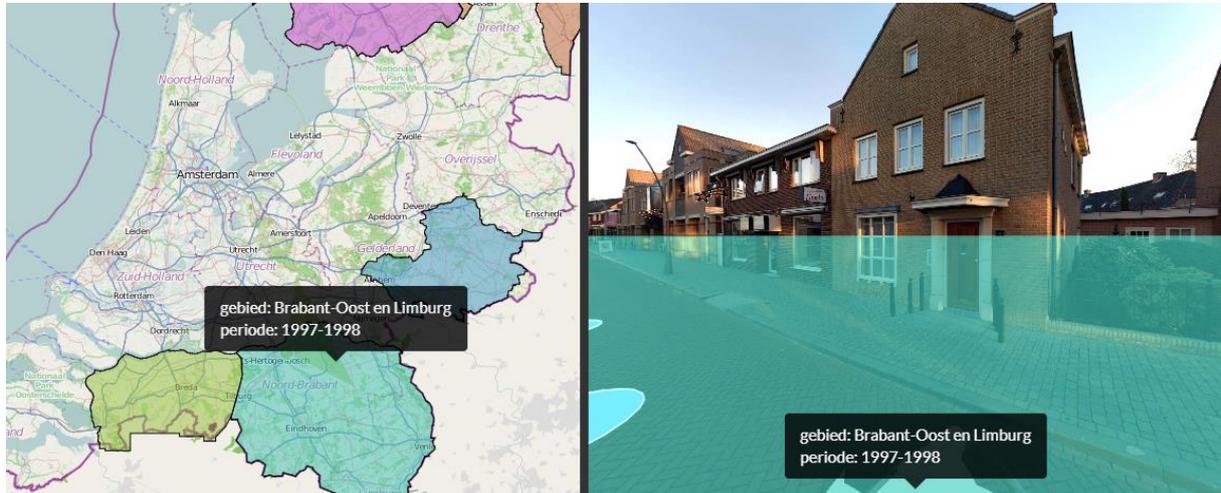
The navigateToURLOnClick vendor option can be used to dynamically construct an url location on one or more column values. The PropertyName specifies the column name and can be used one or multiple times.

SLD code:

```
<Rule>
  <PointSymbolizer>
    <VendorOption name="navigateToURLOnClick">
      https://www.google.nl/search?q=<ogc:PropertyName>street</ogc:PropertyName>
    </VendorOption>
    <Graphic>
      ...
    </Graphic>
  </PointSymbolizer>
</Rule>
```

2.4.4 tooltipProperties

The tooltipProperties vendor option can be used to specify which properties are displayed in the tooltips of the vector layer.

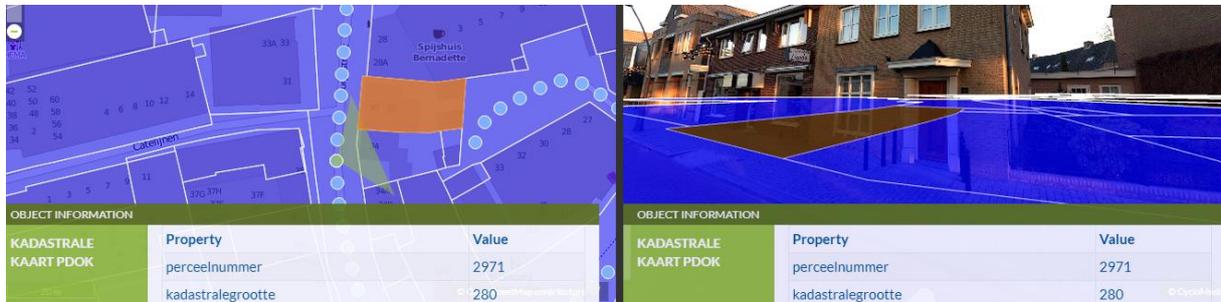


SLD code:

```
<sld:UserLayer>
  <sld:UserStyle>
    <VendorOption name="tooltipProperties">gebied,periode</VendorOption>
    <FeatureTypeStyle>
      ...
    </FeatureTypeStyle>
  </sld:UserStyle>
</sld:UserLayer>
```

2.4.5 attributeInfo

The attributeInfo vendor option can be used to specify which properties are displayed in the Object info panel.



SLD code:

```
<sld:UserLayer>
  <sld:UserStyle>
    <VendorOption name="attributeInfo">perceelnummer, kadastralegrootte</VendorOption>
    <FeatureTypeStyle>
      ...
    </FeatureTypeStyle>
  </sld:UserStyle>
</sld:UserLayer>
```

2.5 Examples

2.5.1 Full SLD

Example of a simple SLD file, save as .xml or .sld file.

Replace the featurtyp style with the desired styling and use as styling for a WFS or SHP layer.

```
<?xml version="1.0" encoding="UTF-8"?>
<StyledLayerDescriptor version="1.0.0" xsi:schemaLocation="http://www.opengis.net/sld
StyledLayerDescriptor.xsd"
  xmlns="http://www.opengis.net/sld"
  xmlns:ogc="http://www.opengis.net/ogc"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <UserLayer>
    <UserStyle>
      <FeatureTypeStyle>
        <Rule>
          <PointSymbolizer>
            <Graphic>
              <Mark>
                <WellKnownName>circle</WellKnownName>
                <Fill>
                  <SvgParameter name="fill">#FF0000</SvgParameter>
                </Fill>
              </Mark>
              <Size>16</Size>
            </Graphic>
          </PointSymbolizer>
        </Rule>
      </FeatureTypeStyle>
    </UserStyle>
  </UserLayer>
</StyledLayerDescriptor>
```

2.5.2 Full SLD with included layer

Example of a simple SLD file with an included layer, save as .xml or .sld file.
Load as SLD file.



```
<?xml version="1.0" encoding="UTF-8"?>
<sld:StyledLayerDescriptor version="1.1.0"
  xsi:schemaLocation="http://www.opengis.net/sld StyledLayerDescriptor.xsd"
  xmlns="http://www.opengis.net/se"
  xmlns:sld="http://www.opengis.net/sld"
  xmlns:ogc="http://www.opengis.net/ogc"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <sld:UserLayer>
    <sld:RemoteOWS>
      <sld:Service>WFS</sld:Service>
      <sld:OnlineResource xlink:href="https://geodata.nationaalgeoregister.nl/bag/wfs/v1_1?"
xlink:type="simple"/>
    </sld:RemoteOWS>
    <sld:UserStyle>
      <FeatureTypeStyle>
        <FeatureTypeName>bag:pand</FeatureTypeName>
        <Rule>
          <PolygonSymbolizer>
            <Fill>
              <CssParameter name="fill">#EB144C</CssParameter>
              <CssParameter name="fill-opacity">0.5</CssParameter>
            </Fill>
            <Stroke>
              <CssParameter name="stroke">#EB144C</CssParameter>
              <CssParameter name="stroke-width">2</CssParameter>
            </Stroke>
          </PolygonSymbolizer>
        </Rule>
      </FeatureTypeStyle>
    </sld:UserStyle>
  </sld:UserLayer>
</sld:StyledLayerDescriptor>
```

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better world**