

Neues vom GeoStyler

Jan Suleiman, terrestris GmbH & Co. KG

Christian Mayer, meggsimum - Büro für Geoinformatik

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- Anwendungsentwickler

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- Beratung, Planung, Implementierung & Wartung

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- Softwareentwickler & -architekt
- Kernentwickler und PSC Mitglied GeoExt
- Sprecher & Trainer national & international
- OSGeo Foundation Charter Member

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🌐 @meggsum

🐦 @meggsum

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- Dienstleistungen im Bereich GIS, Webmapping & GDI
- Maßgeschneiderte WebGIS-Lösungen
- Softwarekonzepte und Softwareentwicklung
- Geodaten
- Beratung und Schulung

GeoStyler

GeoStyler

Gebrauchsfertige Styling Bibliothek für Geodaten und Web-Karten

- Open Source (BSD)
- ES6 & TypeScript
- React
- Ant Design
- Seit 2018

GeoStyler

Gebrauchsfertige Styling Bibliothek für Geodaten und Web-Karten

- Komponenten basiert
- Stilformat unabhängig
- Datenformat unabhängig
- Vollständig anpassbar
- Flexibel einsetzbar in Web-Apps (auch ohne React)
- GeoStyler Vortrag FOSSGIS 2019

Neuerungen auf Meta-
Ebene / Stats

Community-Bildung

- Auslagerung Code in eigene Organisation
- Neue Contributors
- Mehr Community Interaktion
 - GeoStyler BOF FOSS4G
 - Nachnutzung / projektübergr. Austausch (z.B. GeoCat)
 - Erwähnung FOSS4G Keynote J. Garnett: **The FOSS4G Journey**
- **Vielen Dank an alle Beteiligten!!!**

Stats

- 15 Repositories in GeoStyler Organisation
- 16 Contributors
- ~1900 Commits in allen Repos im letzten Jahr
- 46 Releases in allen Repos im letzten Jahr



Language:

Compact:


Symbolizer Renderer:

Load Style:

Load Data:

Graphical Editor

Name:

<input type="checkbox"/>		Name	Filter	Min. Scale	Max. Scale	Σ	
<input type="checkbox"/>	<input type="button" value="^"/> <input type="button" value="v"/>	Rule 1				-	-

Code Editor

Format:

```
1 <?xml version="1.0"
  encoding="UTF-8"
  standalone="yes"?>
2 <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.n
  et/ogc"
  xmlns:xlink="http://www.w3.org/
  1999/xlink"
```

GeoStyler Doku

GeoStyler

Filter by name

Introduction

Components

CodeEditor

CodeEditor

DataInput

DataLoader

StyleLoader

WfsParserInput

FieldSet

FieldSet

Filter

AttributeCombo

BoolFilterField

ComparisonFilter

FilterEditorWindow

FilterTree

Introduction



GeoStyl

build passing Greenkeeper enabled coverage 69%

Code: [github](#) Package: [npm](#)

Documentation: [master](#) / [latest](#) / [4.3.0](#)

Examples: [Demo application](#)

Developer Guide: [Developer Guide](#)

What is this all about?

The GeoStyler is a generic styler for geodata*.

GeoStyler provides a set of UI Components for map styling. Just like a modular building block system all components can be stacked together to create a nice UI for your web applications. To simplify the setup, we

Neuerungen Parser

Neuerungen Parser

- Neu: Shapefile-Parser
- Neu: Parser für CQL-Filter
- Unterstützung von Rasterdaten in SLD-Parser

Rasterdaten stylen



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Neue Komponenten und Features

Vorschau Komponente



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Batch Editing



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```

Regel Reihenfolge Ändern



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Regeln Kopieren



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Name

Filter

Min.
Scale

Max.
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Σ



Rule 1

Code Editor

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```

Symbolizer Kompositionen

CompositionContext



Enable rotation field false

Source:

Size:

Opacity:

VIEW CODE



Created with [React Styleguidist](#)

De-/Aktivieren einzelner Felder/Editoren

GeoStyler GeoServer Plugin

- GeoStyler UI in GeoServer Frontend
- Direktes Styling von GeoServer Layern
- Community Extension
- Bolsena Code Sprint
- **Plugin Seite**




Style Editor - tiger_roads

Edit the current style. The editor can provide syntax highlighting and automatic formatting. Click on the "validate" button to verify the style is a valid SLD document.

Data Publishing Layer Preview Layer Attributes GeoStyler

Preview on layer: tiger:tiger_roads

Name: area landmarks

<input type="checkbox"/>		Name	Filter	Min. Scale	Max. Scale
<input type="checkbox"/>	^ v			1:32000	
<input type="checkbox"/>	^ v				1:32000
<input type="checkbox"/>	^ v				1:32000
<input type="checkbox"/>	^ v	rule Fea			1:32000

+ Add Rule Clone Rules - Remove Rules Multi edit

Font 12pt Height 300px

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <StyledLayerDescriptor version="1.0.0"
3   xsi:schemaLocation="http://www.opengis.net/sld StyledLayerDescriptor.xsd"
4   xmlns="http://www.opengis.net/sld" xmlns:ogc="http://www.opengis.net/ogc"
5   xmlns:xlink="http://www.w3.org/1999/xlink"
6   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
7 <NamedLayer> <Name> area landmarks </Name>
8   <UserStyle>
9     <FeatureTypeStyle>
10      <FeatureTypeName>Feature</FeatureTypeName>
11      <Rule>
12        <MinScaleDenominator>32000</MinScaleDenominator>
13        <LineSymbolizer>
14          <Stroke>
15            <CssParameter name="stroke">
16              <ogc:Literal>#666666</ogc:Literal>
17            </CssParameter>
18            <CssParameter name="stroke-width">
19              <ogc:Literal>2</ogc:Literal>
20            </CssParameter>
21          </Stroke>
22        </LineSymbolizer>
23      </Rule>
24    </FeatureTypeStyle>
25  </UserStyle> <!-- thick line drawn first-->
```

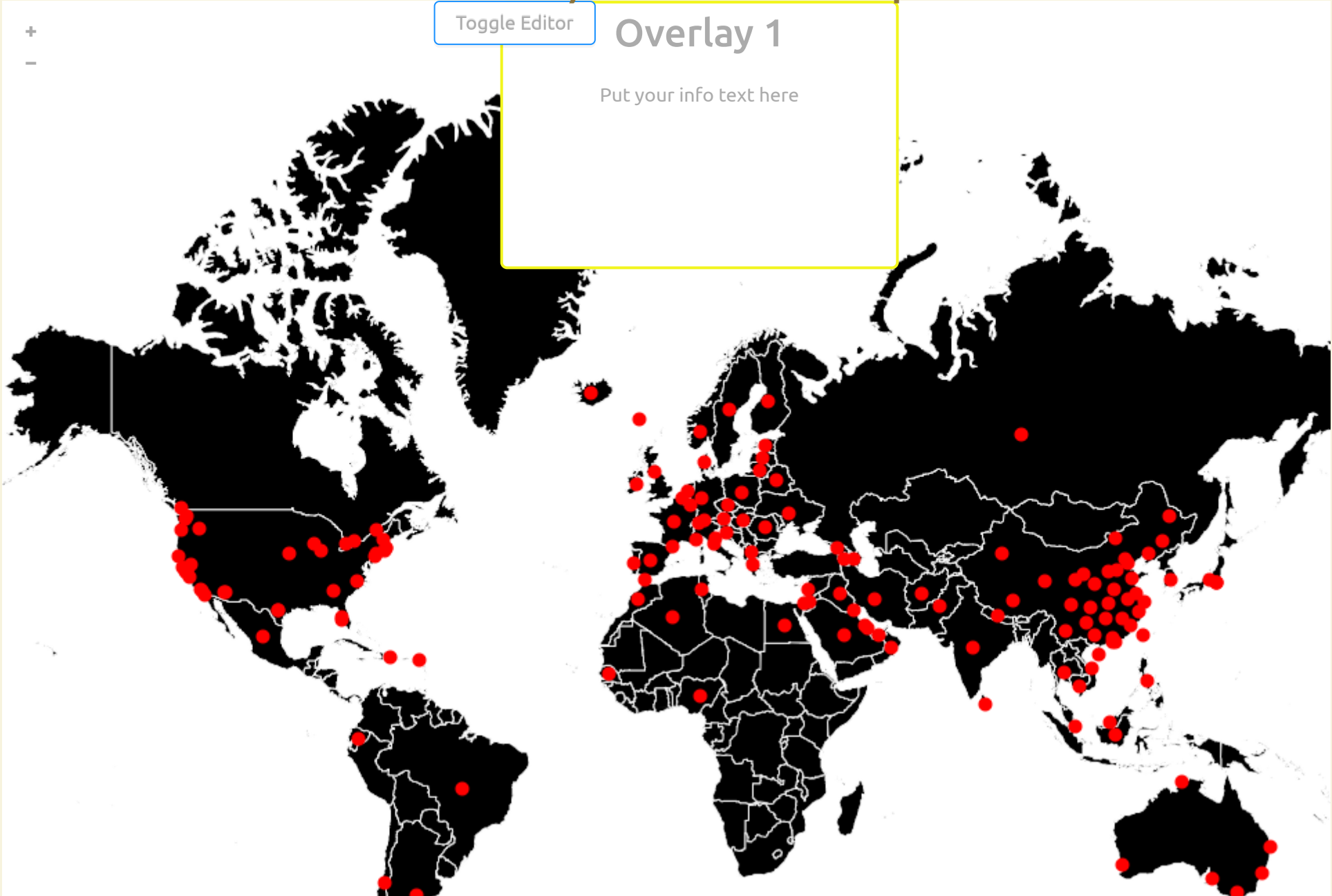
Validate Apply Submit Cancel

GeoStyler Workshop

Toggle Editor

Overlay 1

Put your info text here



Workshop App

Ausblick

- Community weiter ausbauen
- OSGeo Community Project
- Spread the word!
- Success-Stories präsentieren
- GeoCSS / MapCSS Unterstützung?

Vielen Dank

Fragen &
Anmerkungen?

Impressum

Impressum

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Lizenz

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