



## OpenLayers Plugin

**Pirmin Kalberer**  
**Sourcepole AG, Bad Ragaz**  
**[www.sourcepole.ch](http://www.sourcepole.ch)**





# OpenLayers

- › Javascript Map-Viewer
- › WMS, WFS, ...
- › Google Maps, Bing, Yahoo, ...
- › ArcGIS Rest, ArcIMS, ...





# WebKit

- › HTML-Rendering-Bibliothek
- › Fork von KHTML (KDE Konqueror)
- › Safari Web Browser (Apple)
- › WebKit Library
- › Enthalten in QT 4.4 (Nokia)



# OpenLayers Plugin

- › **OpenLayers**
- › **WebKit Browser**
- › **EPSG:900913 “Google Mercator”**
- › **Feste Zoomstufen**
- › **Druck und Vorschau noch nicht implementiert**
- › **OpenStreetMap, Google und Yahoo**
- › **Nutzungsbedingungen des Kartenproviders beachten**

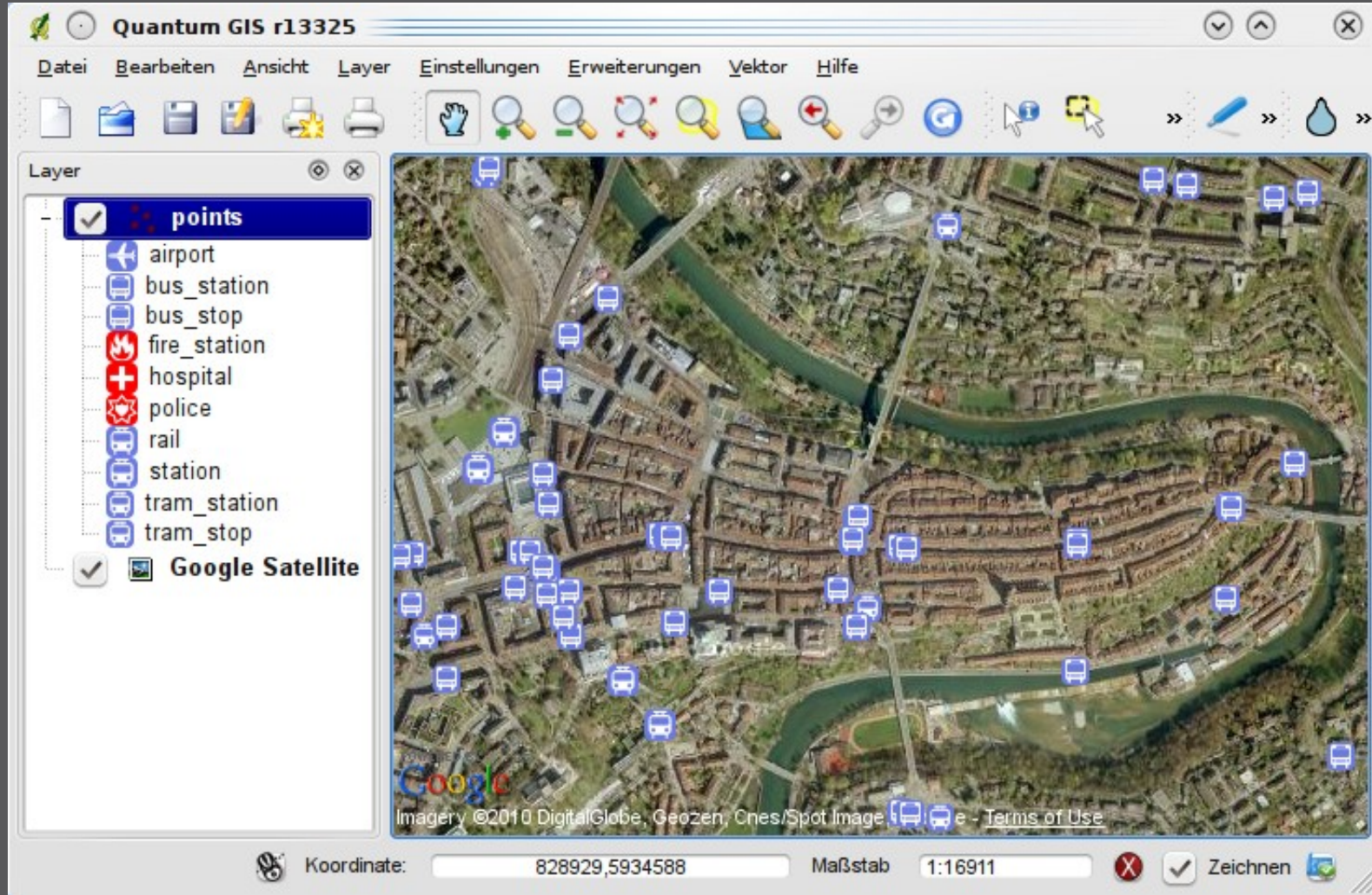


# Google Maps Terms

- **Free, Public Accessibility**
- **License Restrictions:**
  - server-side modification of map tiles
  - use the API other than in an implementation in a web browser
  - use for automatic or autonomous control of vehicle behavior
  - use for dispatch, fleet management, business asset tracking



# Demo



- › **PluginLayer: Neuer Layertyp QGIS 1.5**
- › **Rendering eines Layers via Plugin**
- › **Drucken und Anzeige in Übersicht möglich**
- › **Speichern von Einstellungen**



# PluginLayer Anwendungen

- › Watermark Plugin (Demo Plugin)
- › OpenLayers Plugin
- › Mapfile Tools



# Links

- › <http://build.sourcepole.ch/qgis/plugins.xml>
- › <http://openlayers.org/>
- › <http://webkit.org/>
- › <http://github.com/pka/qgis-openlayers-plugin>
- › <http://github.com/pka/qgis-watermark-plugin>
- › <http://github.com/pka/qgis-mapfile-tools>



## Danke!



Pirmin Kalberer  
<pk@sourcepole.ch>