Neues in QGIS 2.2

Pirmin Kalberer
Sourcepole AG, Zürich
www.sourcepole.ch

Das QGIS Projekt

- Intuitives, komplettes Desktop GIS
- Erweiterbar mit Python und C++ Plugins
- QGIS Server
- Basiert auf C++, Qt und Python
- Open Source / GNU GPL
- Plattformen Windows, Linux, Mac OS
- Umfangreiche Dokumentation
- GUI ist übersetzt in mehr als 40 Sprachen

Community

- **OSGEO Projekt**
- **>500'000 Codezeilen (141 Personenjahre)**
- **Aktive Anwender- und Entwickler-Community**
  - >13 code maintainers responsible for different parts of the code
  - Documentation team
  - GUI translators
- **Kommunikation über Mailinglisten, IRC**
- **Zwei Entwicklertreffen pro Jahr**
- **Support durch Community und zahlreiche Firmen**

Geo for All

- Initiative von ICA und OSGeo (Sept. 2011)
- Förderung von Open source, Open standards, und Open data in der GIS-Ausbildung
- Heute 70 ICA-OSGeo Labs weltweit
- >100 Labs in Sept. 2014
- http://www.geoforall.org/

PSC

- **QGIS Project Steering Committee**
  - Gary Sherman, US (Vorsitz)
  - Marco Hugentobler, CH (Technischer Leiter)
  - Tim Sutton, ZA (Tests/QS)
  - Otto Dassau, DE (Community)
  - Paolo Cavallini, IT (Finanzen/Marketing)
  - Anita Graser, AT (Design)
  - Richard Duivenvoorde, NL (Infrastruktur)
  - Jürgen Fischer, DE (Release-Manager)

Releases

0.0.1-alpha		Juli 2002
...		
1.0.0	Kore	Januar 2009
1.1.0	Pan	Mai 2009
1.2.0	Daphnis	September 2009
1.3.0	Mimas	September 2009
1.4.0	Enceladus	Januar 2010
1.5.0	Tethys	Juli 2010
1.6.0	Copiapó	November 2010

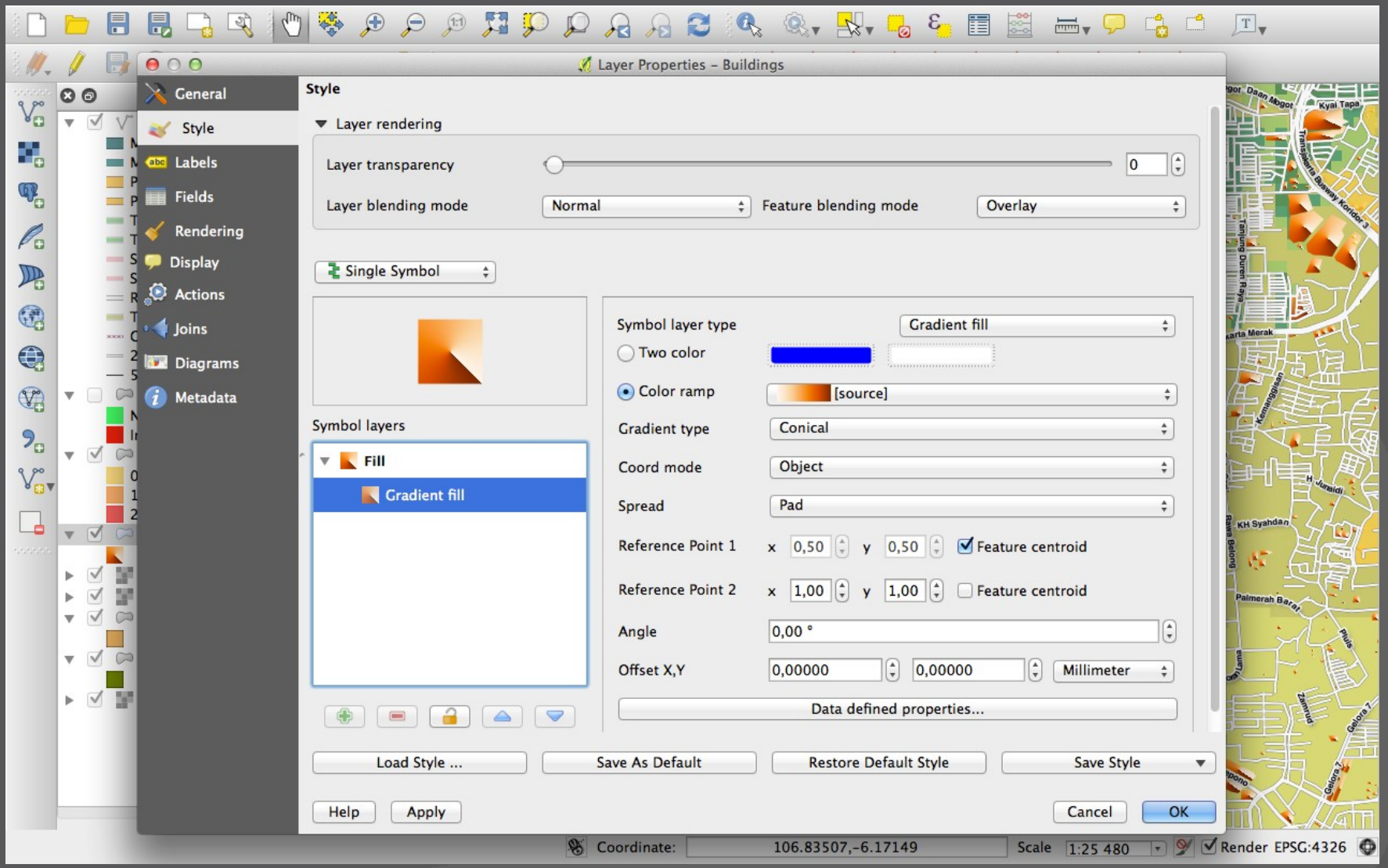
Releases

1.7.0	Wroclaw	Juni 2011
1.8.0	Lisboa	Juni 2012
2.0.0	Dufour	September 2013
2.2	Valmiera	Februar 2014

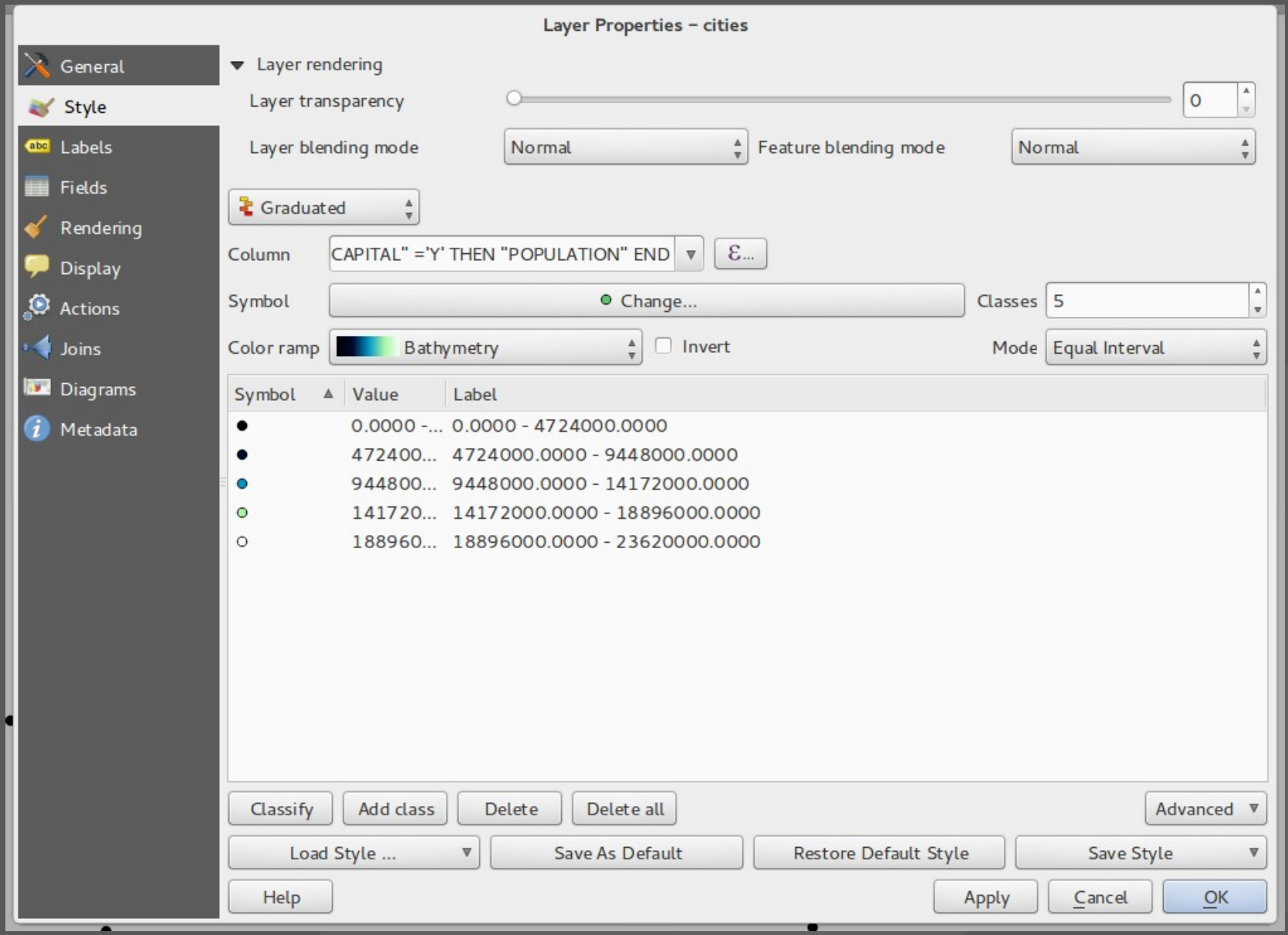
Release-Plan 2.x

- Release alle 4 Monate
  - 21.02.14 QGIS 2.2
  - 20.06.14 QGIS 2.4
  - 24.10.14 QGIS 2.6

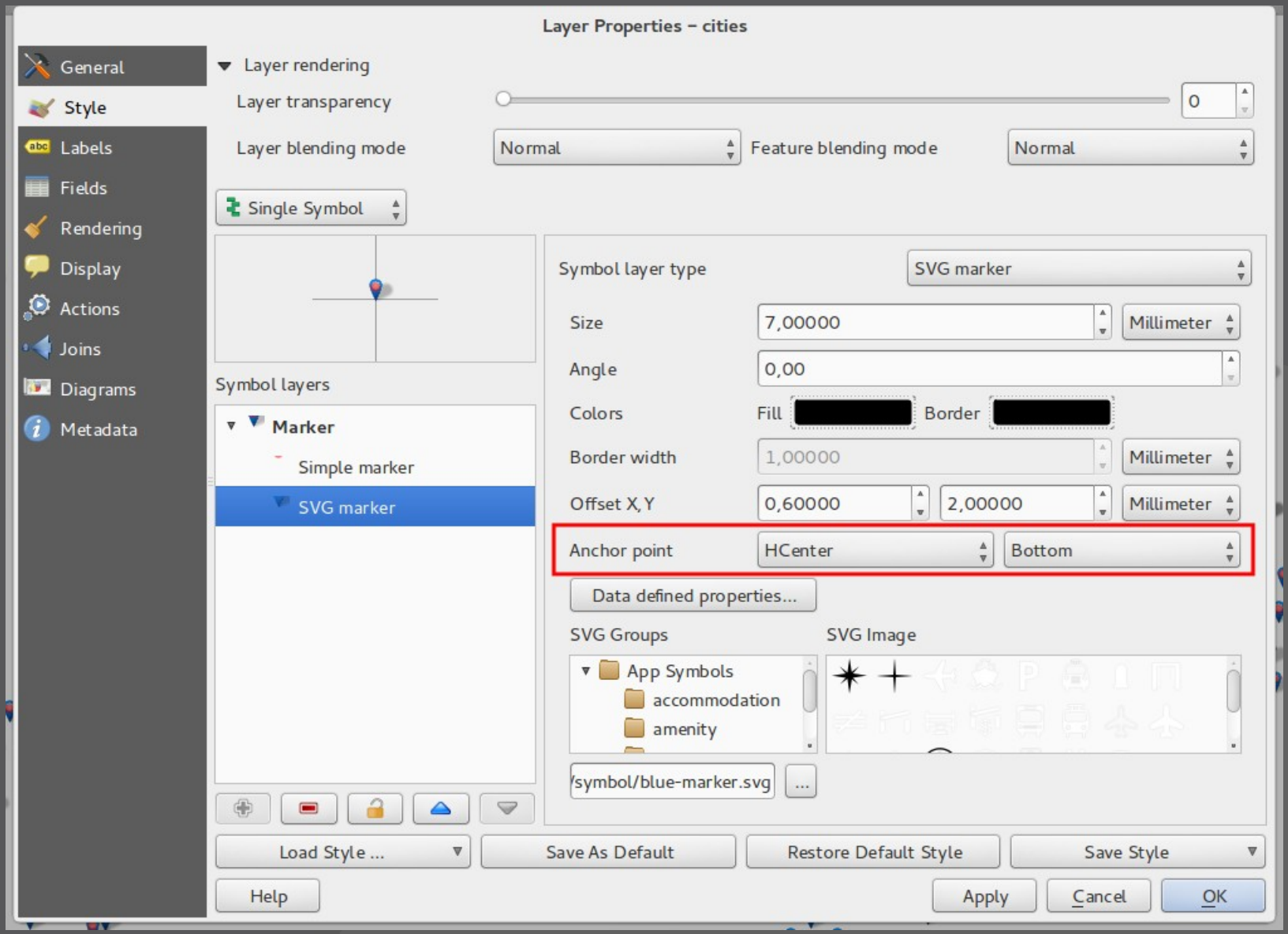
Gradient fill support



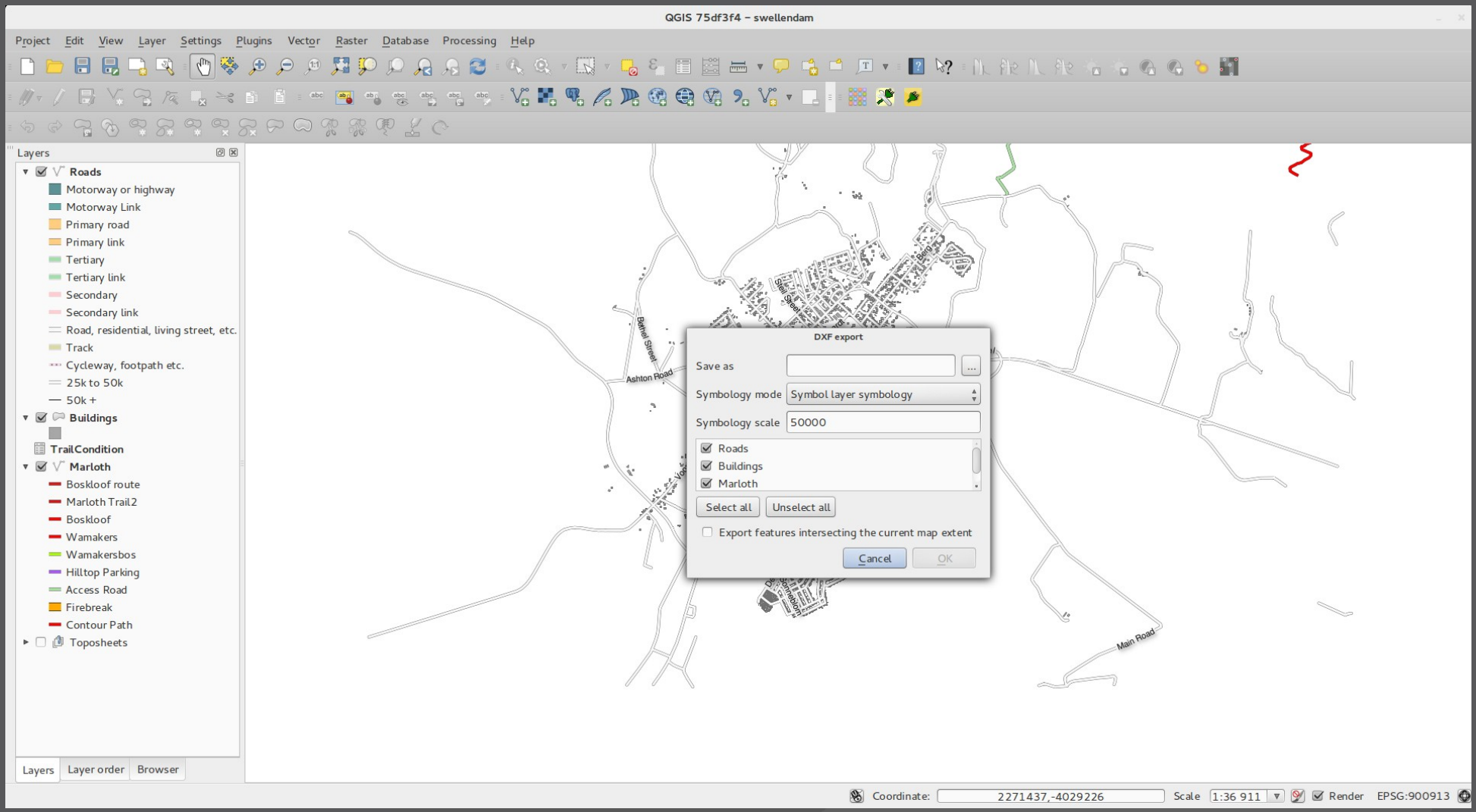
Thematic maps with expressions



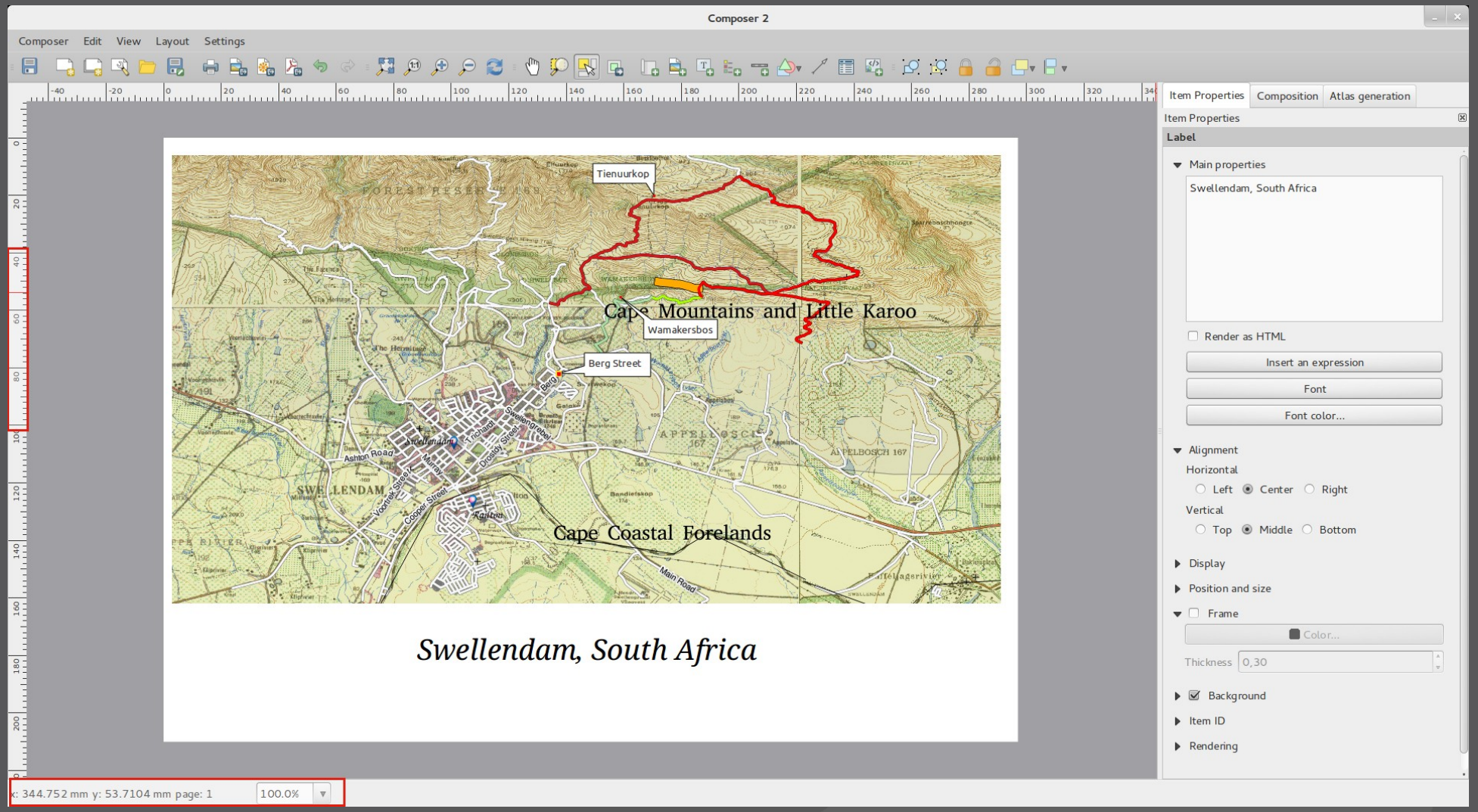
Anchor points for marker layers



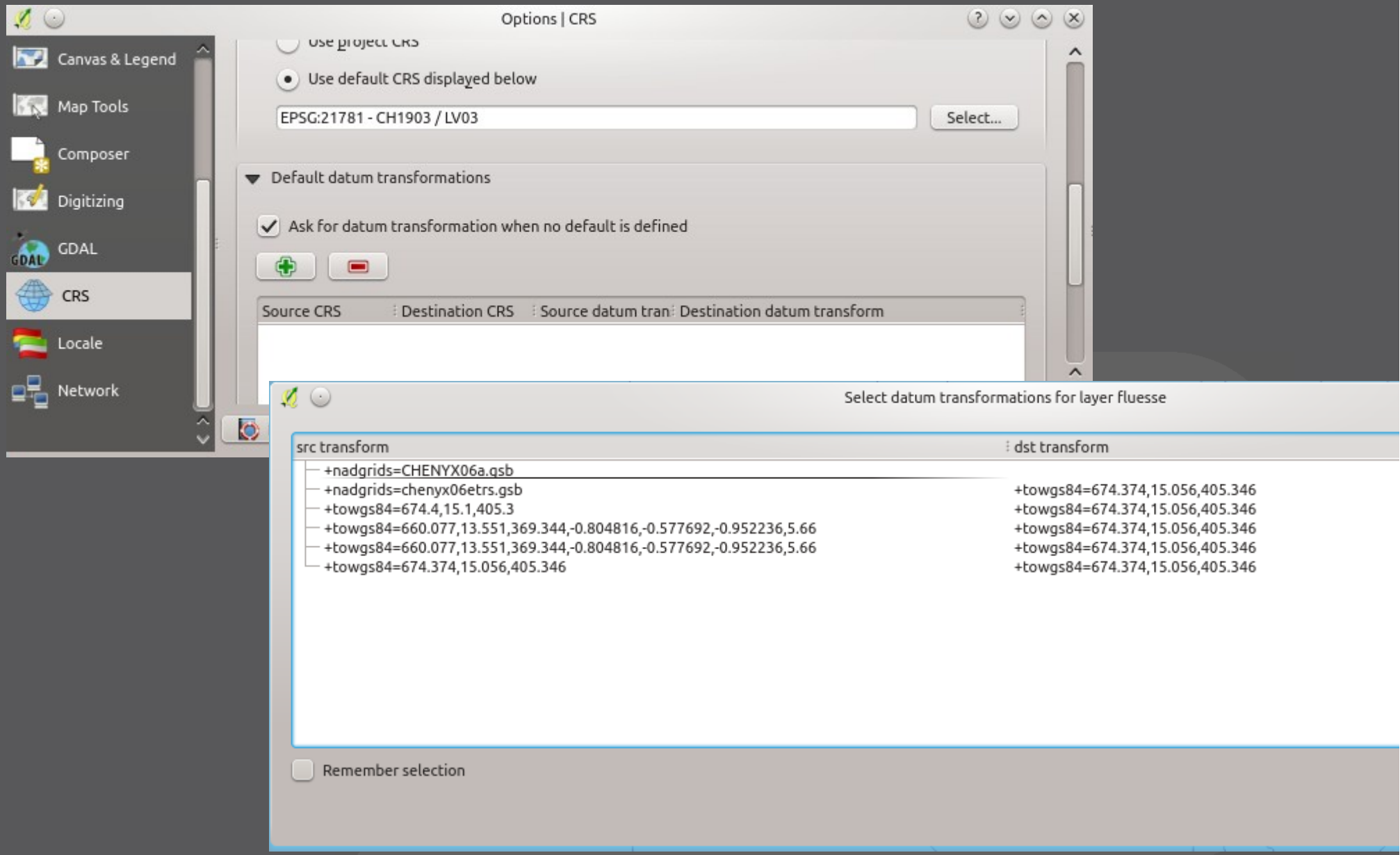
DXF Export tool



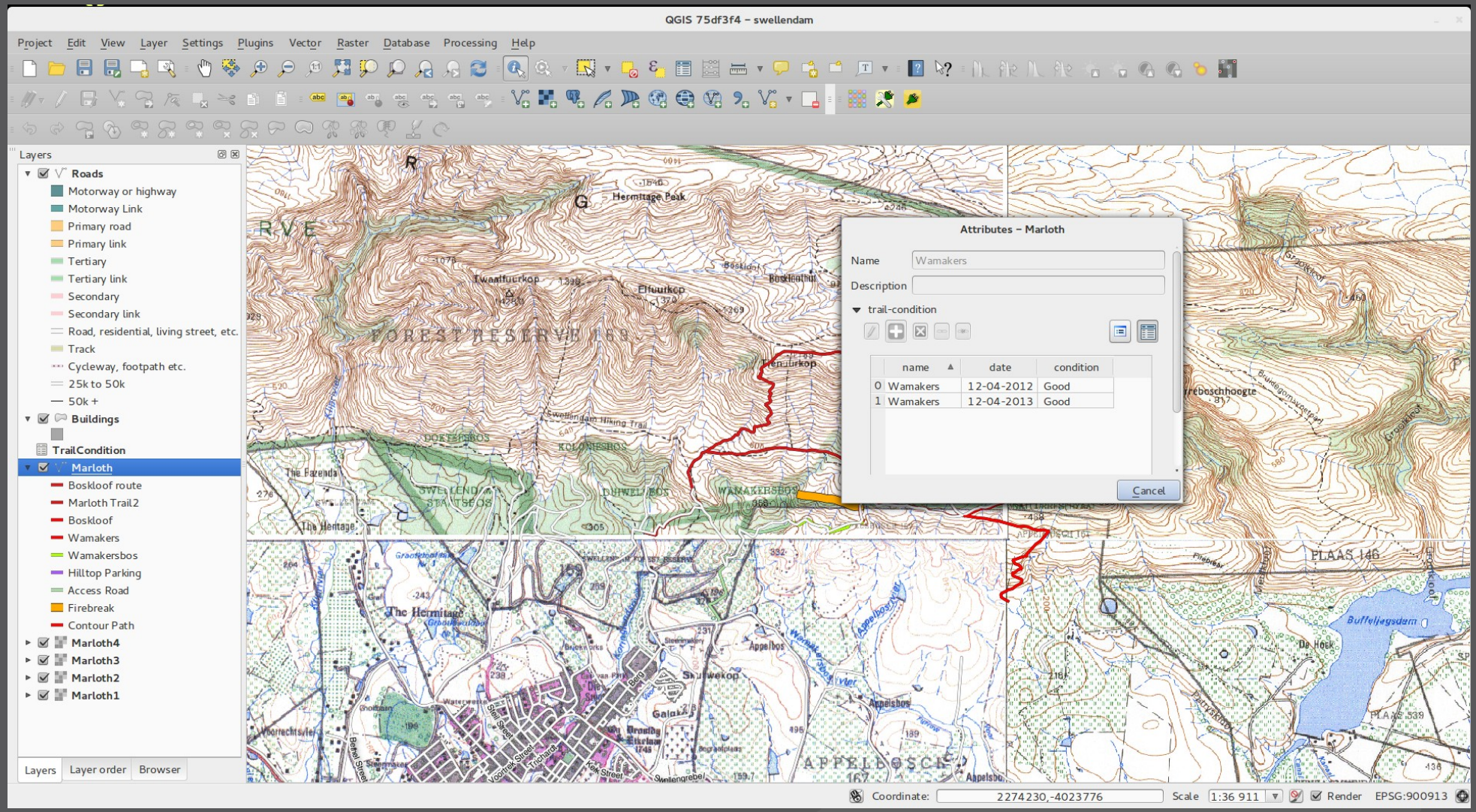
Map Composer



NTv2 transformations



One to many relations support



More in 2.2

- Support for measurement in Nautical Miles
- Paste as new vector layer
- WMS legend graphic in table of contents and composer
- Fill ring digitizing tool
- Recent expressions saved
- Paste WKT from clipboard
- Zebra map border improvements

More in 2.2

- QGIS Server: WCS Support
- Label support for palleted rasters
- Colour ramps can be inverted
- Copy and Paste in Rule based renderer
- On the fly feature generalisation
- Expression support in symbol diagrams for size and attributes
- Else rule in rule based renderer
- Inner stroke support for polygons

More in 2.2

- Expression dialog improvements
- New keybindings

Ausblick 2.4

- **Multi-threaded Rendering**
  - Demo

Links

- **Homepage / Download**
  - http://qgis.org/
- **Changelog:**
  - http://changelog.linfiniti.com/qgis/version/22/

Danke!

@PirminKalberer