

What is new in QGIS 3?



Delft
31-01-2018



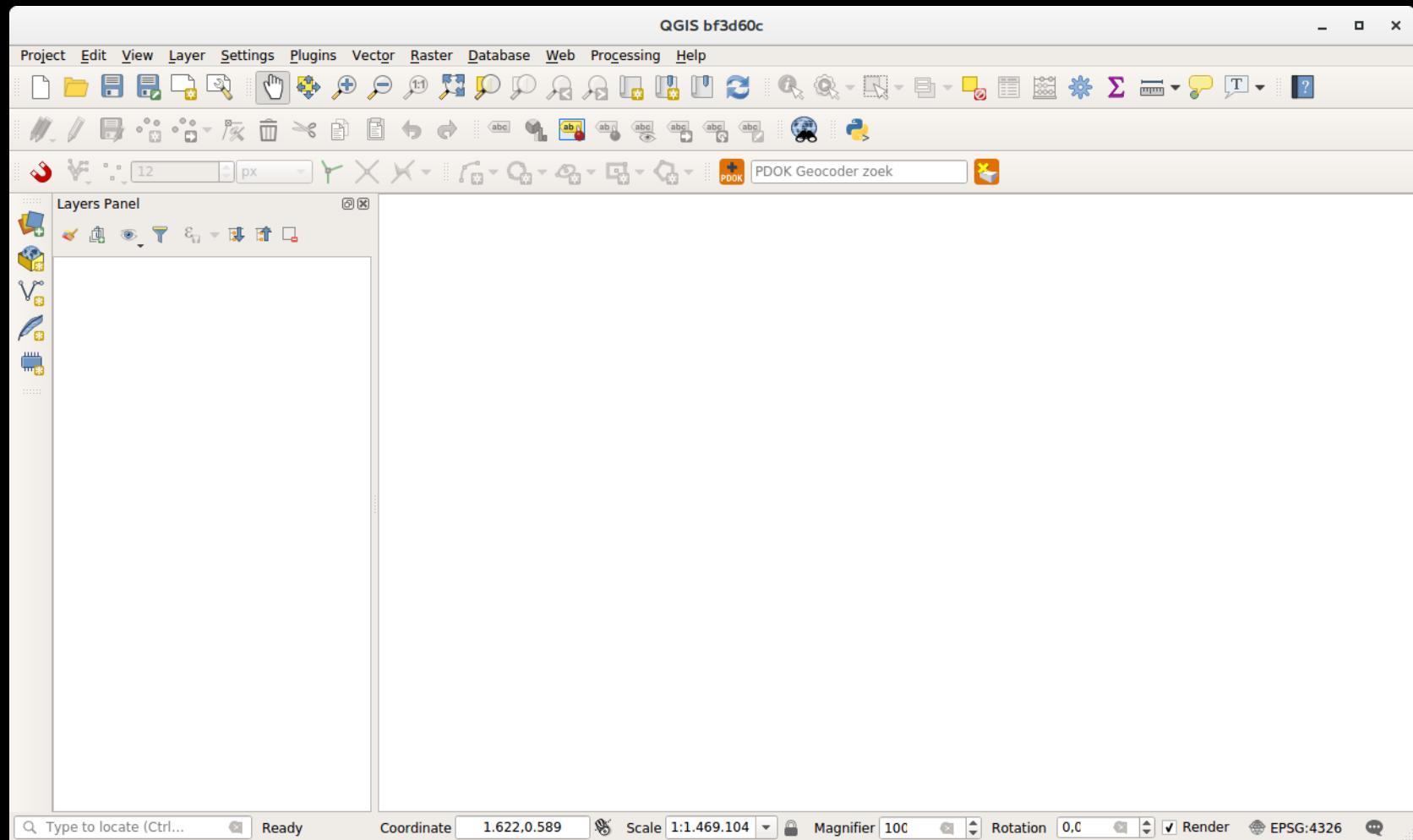
Raymond Nijssen
r.nijssen@terglobo.nl



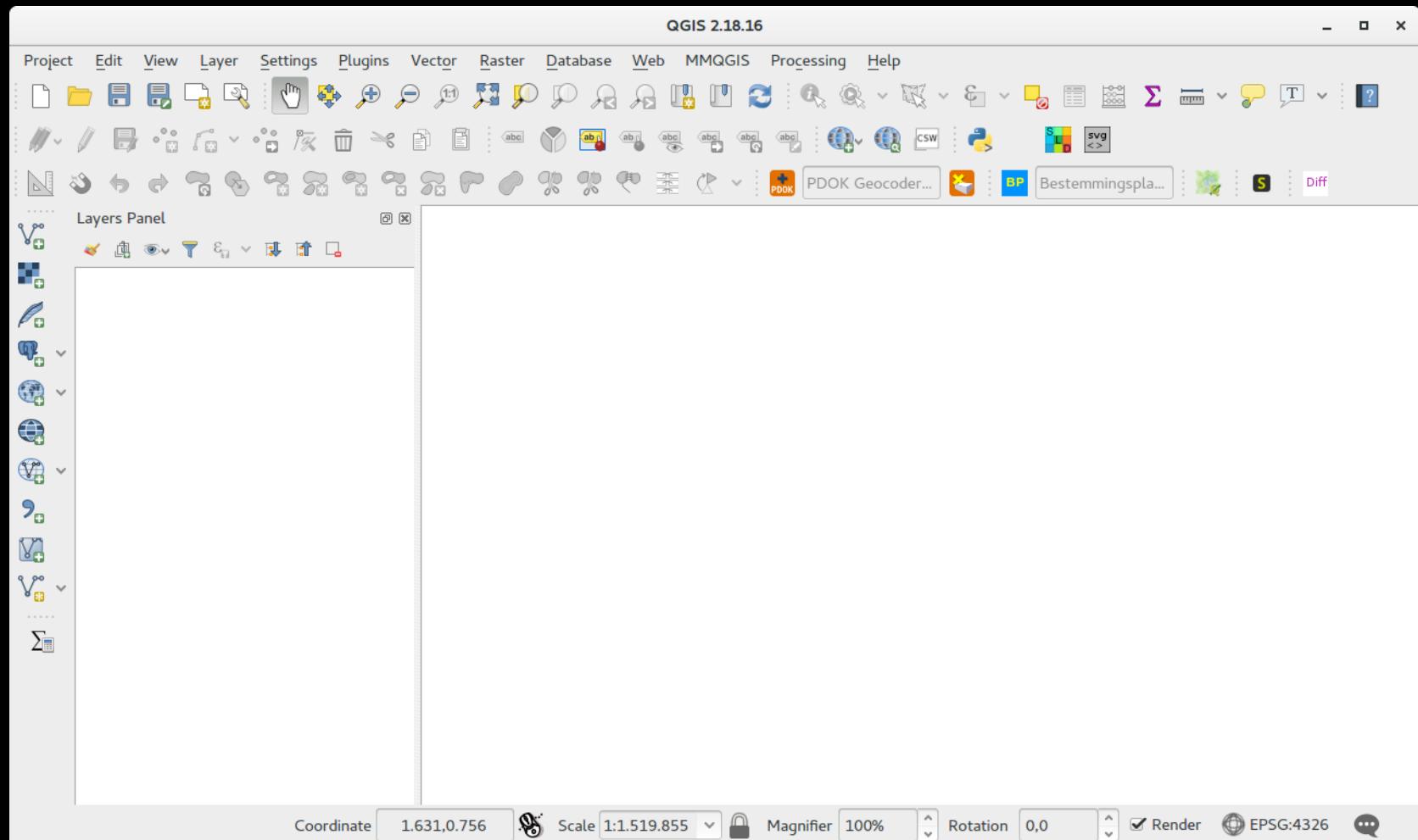
Hands please!



QGIS 3



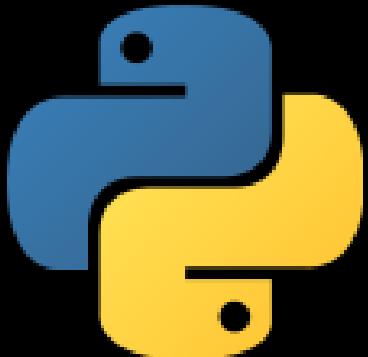
QGIS 2



Under the hood...

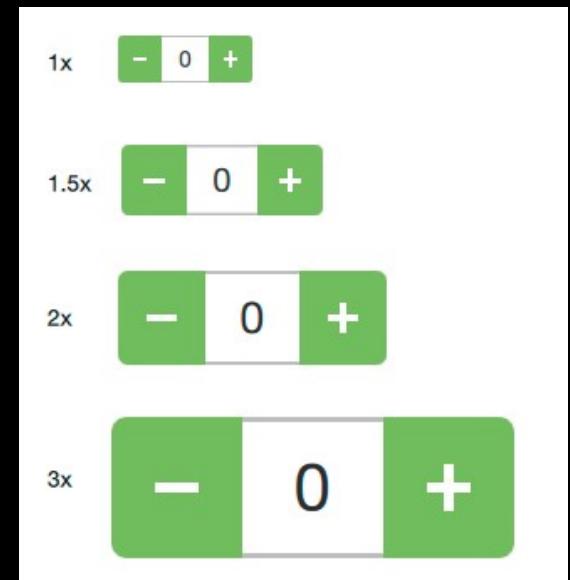
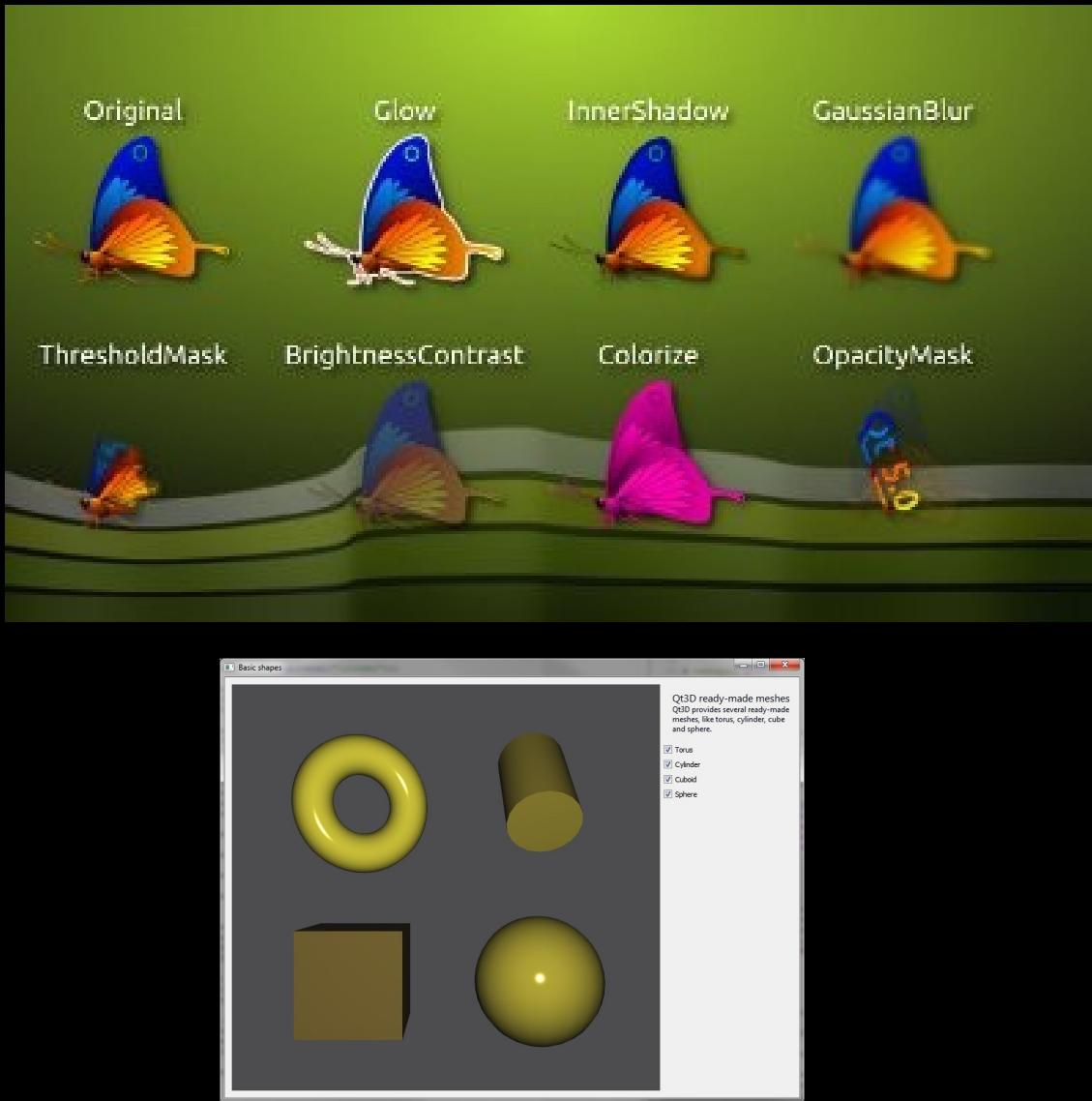


4 → 5



2 → 3

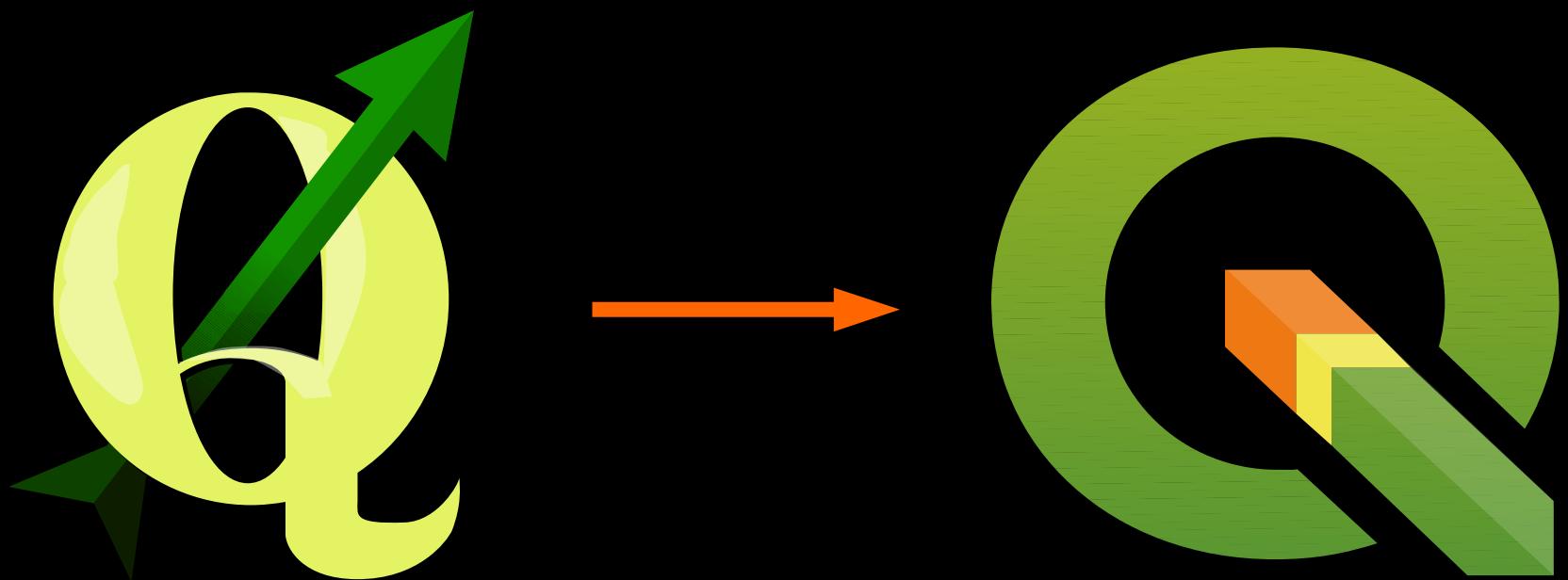
The good part...



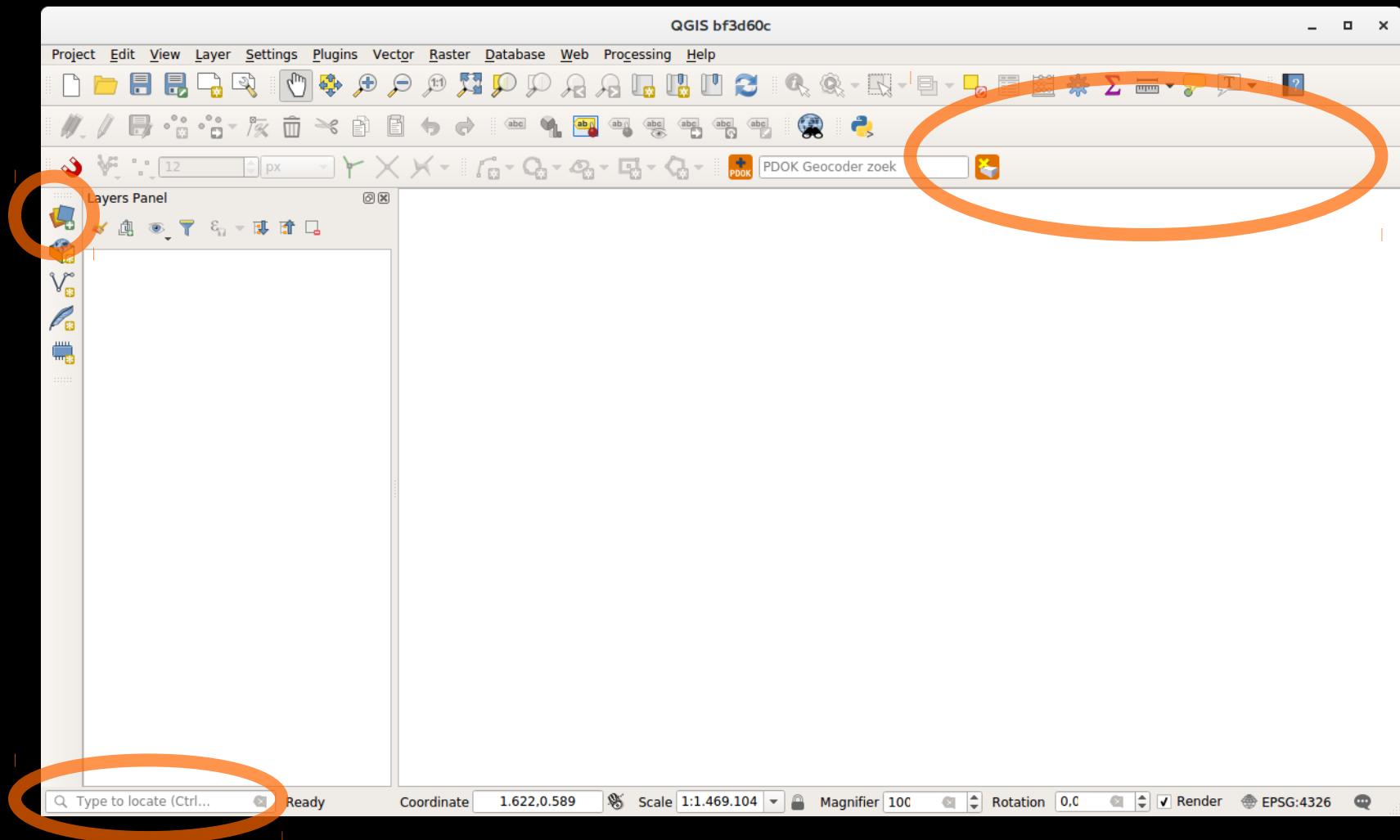
The sad part...



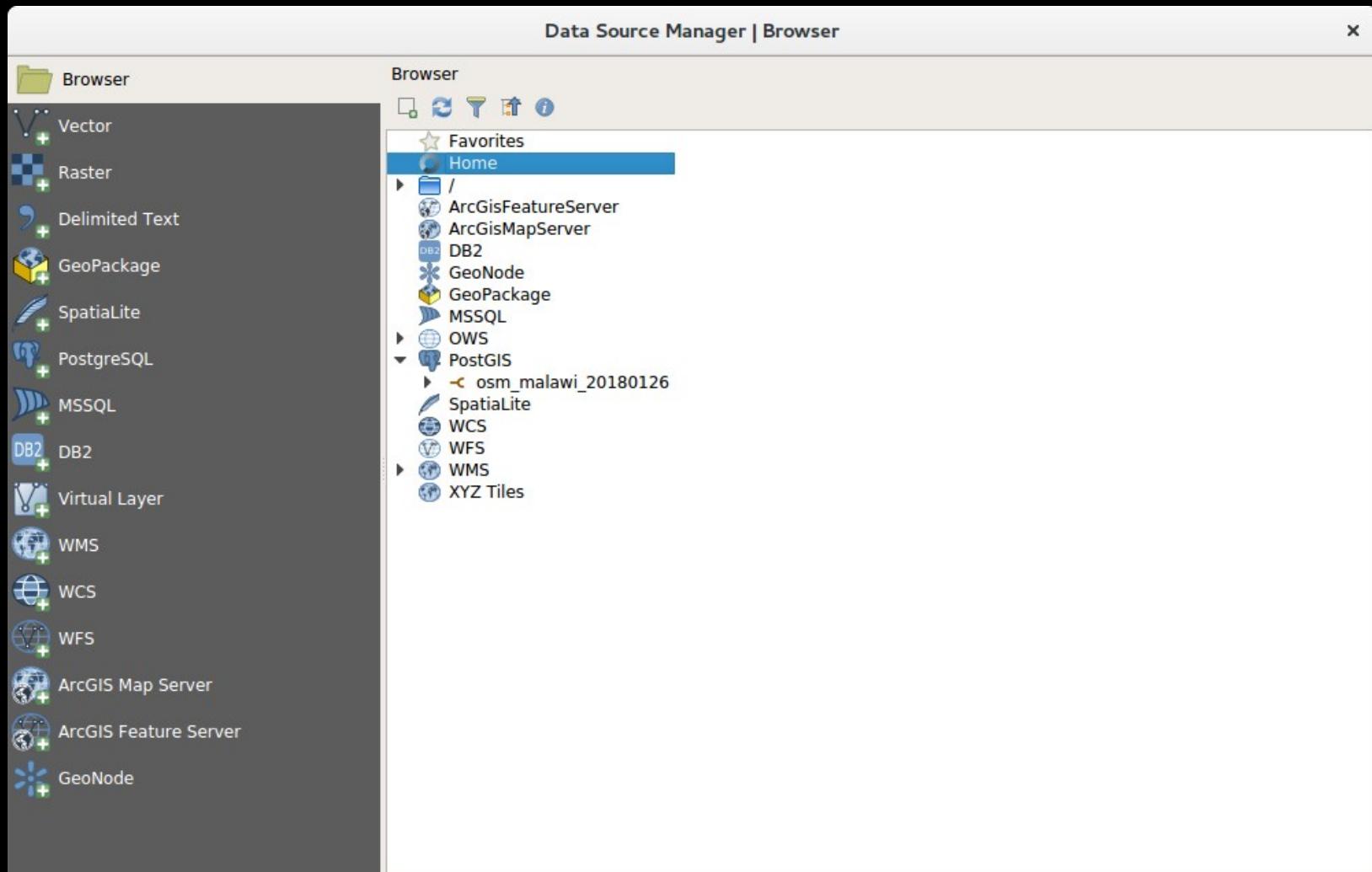
Logo



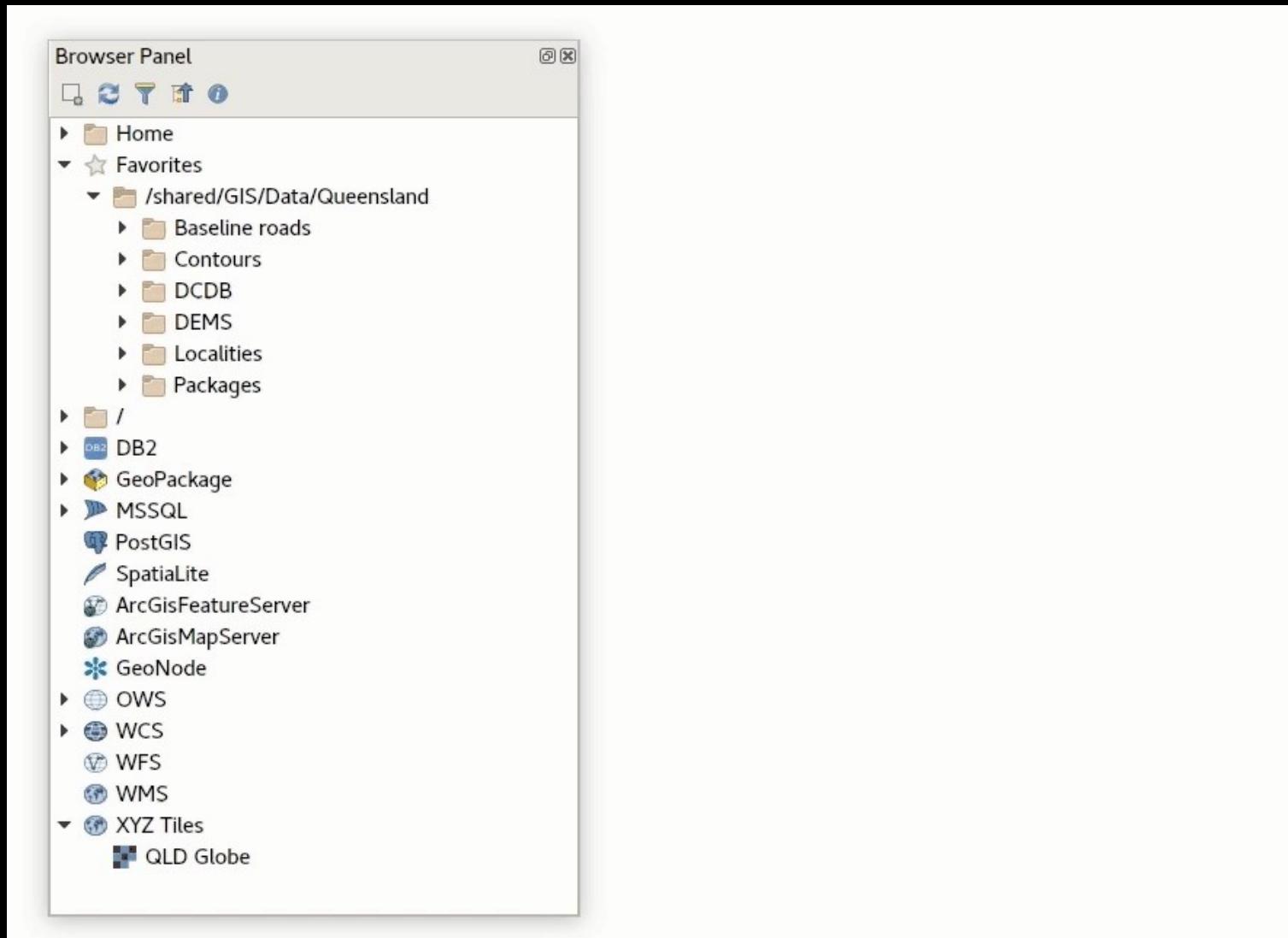
GUI



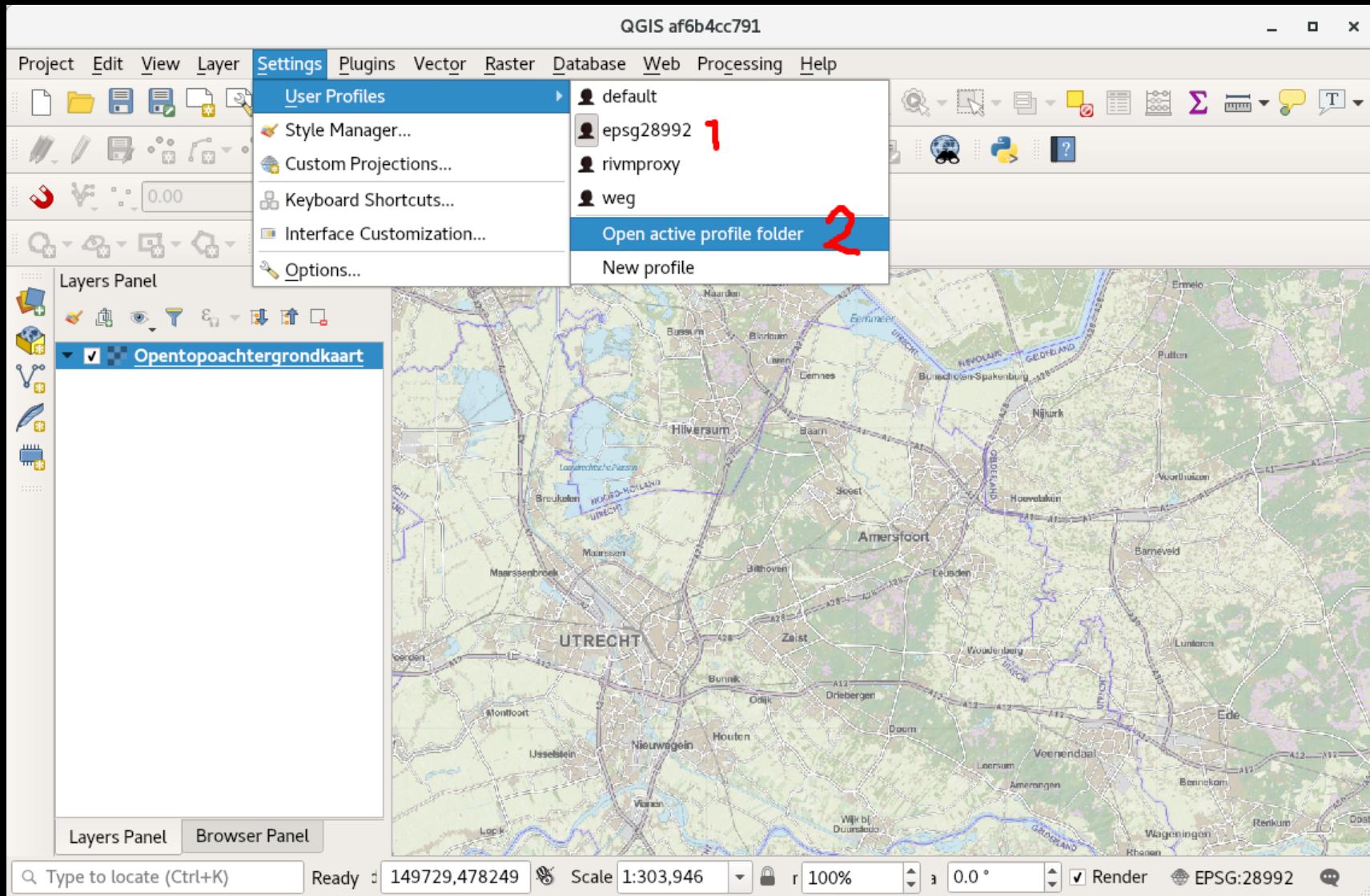
Data source manager



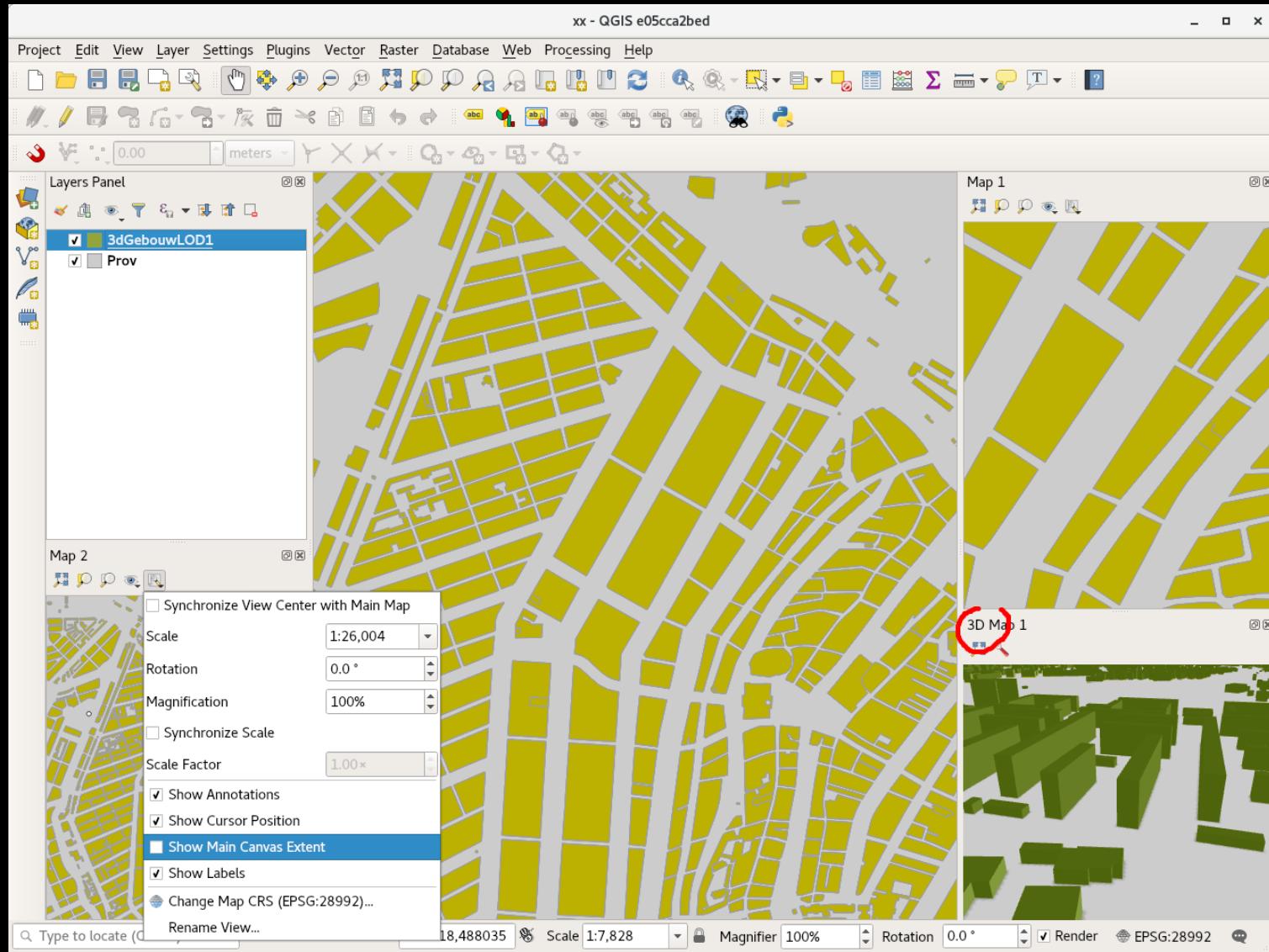
Geopackage (*.gpkg)



User profiles



Multi map views



CRS preview

Project Properties | CRS

No projection (or unknown/non-Earth projection)

Filter

Recently used coordinate reference systems

Coordinate Reference System	Authority ID
GDA94 / MGA zone 56	EPSG:28356

Coordinate reference systems of the world Hide deprecated CRSs

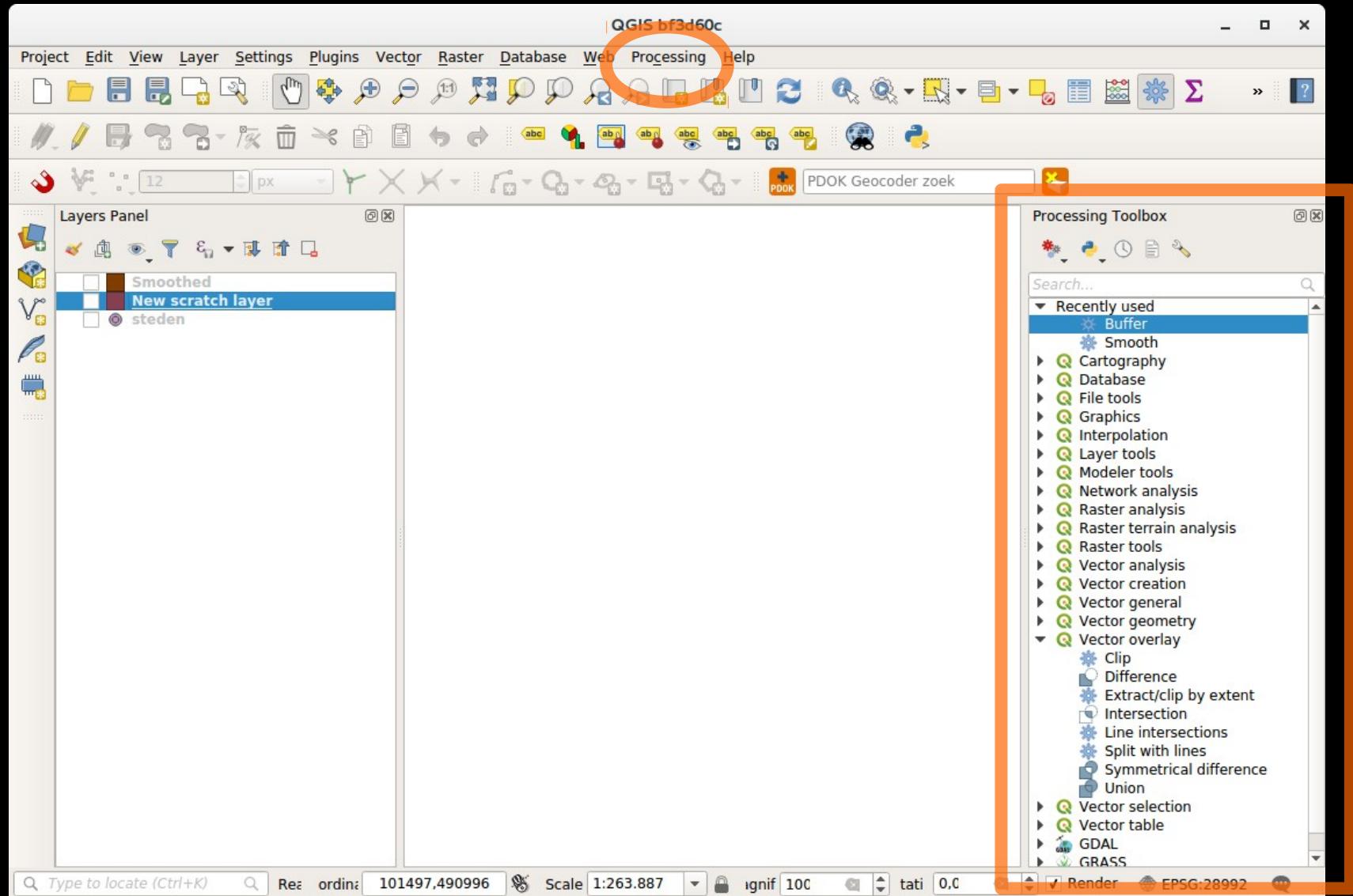
Coordinate Reference System	Authority ID
GDA94 / MGA zone 54	EPSG:28354
GDA94 / MGA zone 55	EPSG:28355
GDA94 / MGA zone 56	EPSG:28356
GDA94 / MGA zone 57	EPSG:28357
GDA94 / MGA zone 58	EPSG:28358
GDA94 / MGA zone 59	EPSG:6738

Selected CRS

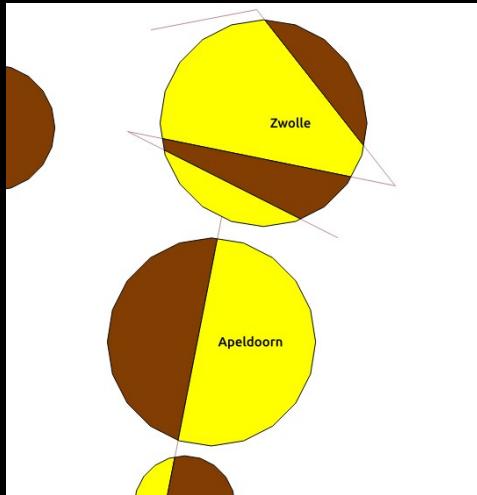
Extent: -180.00, -90.00, 180.00, 90.00
Proj4: +proj=longlat +datum=WGS84 +no_defs



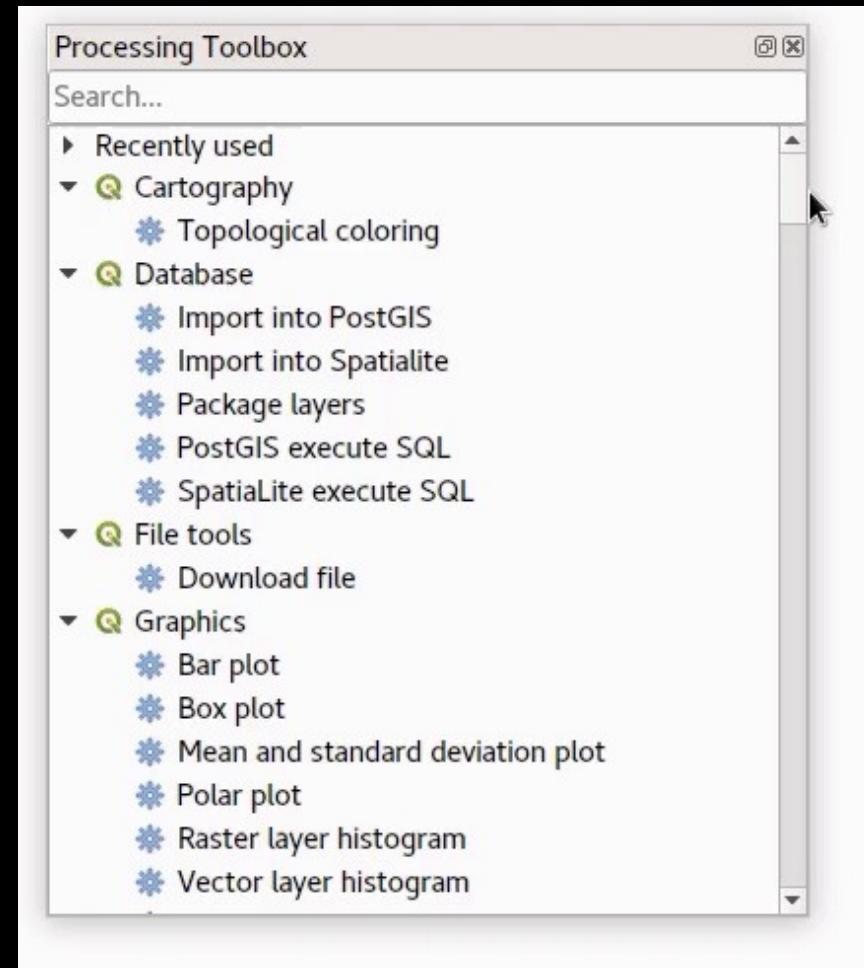
Processing



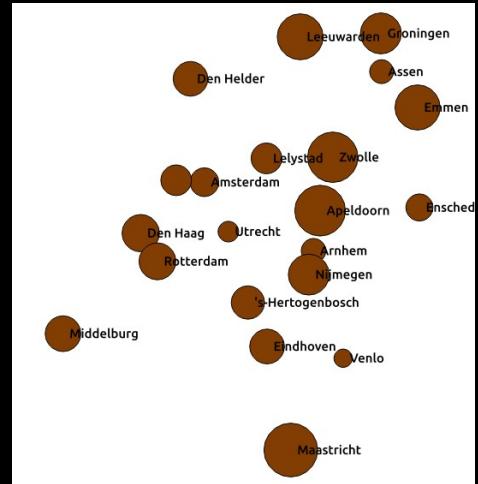
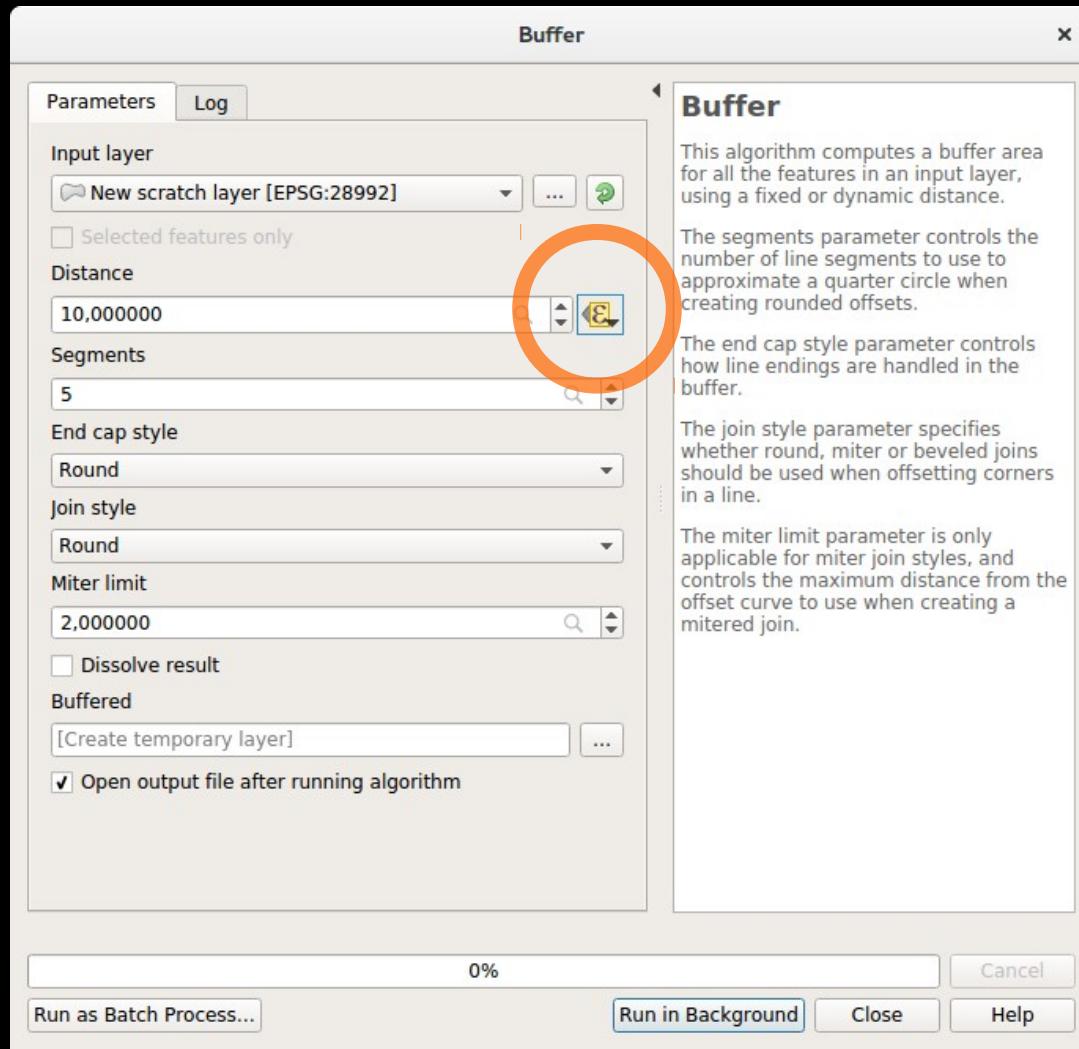
New algorithms



split with lines

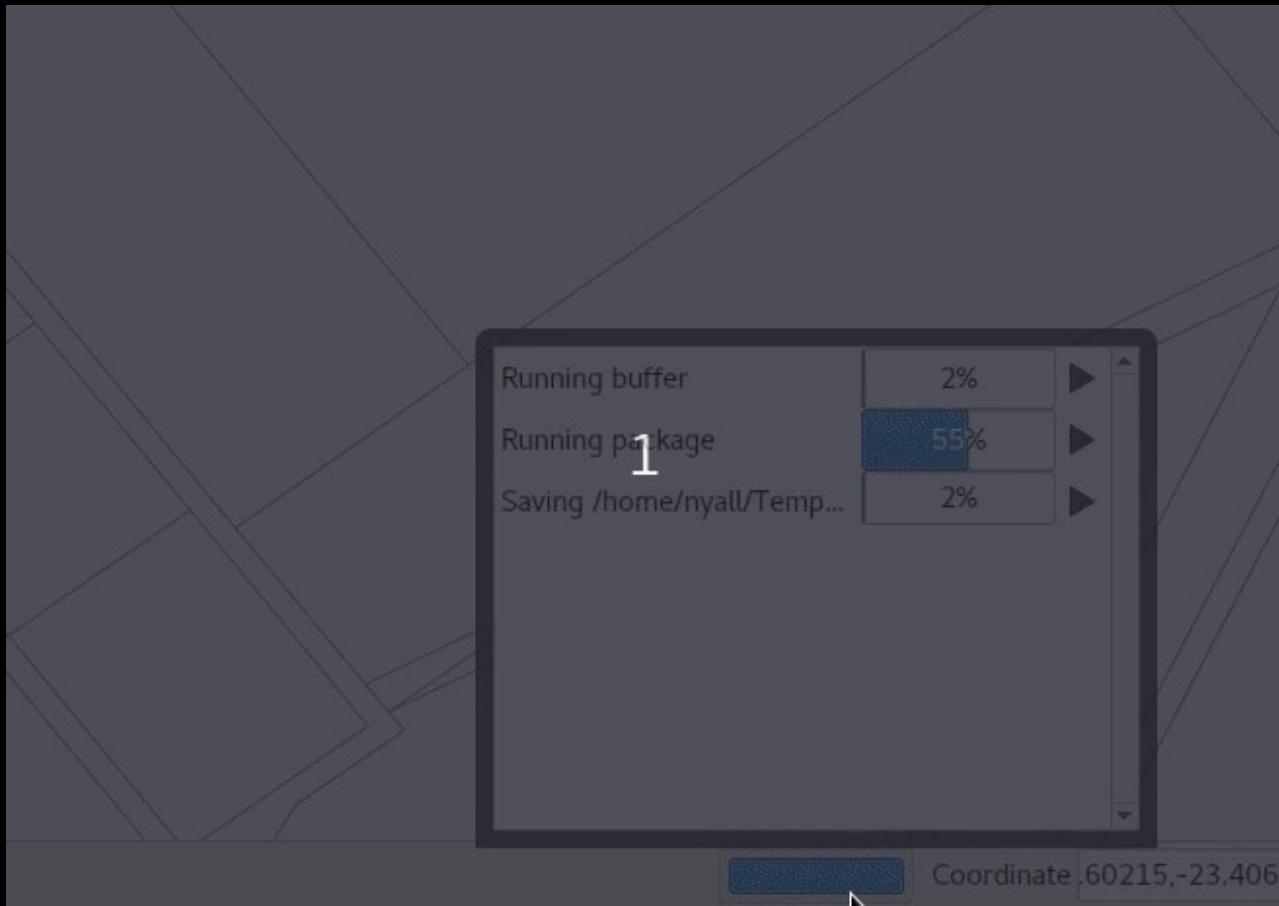


Expressions

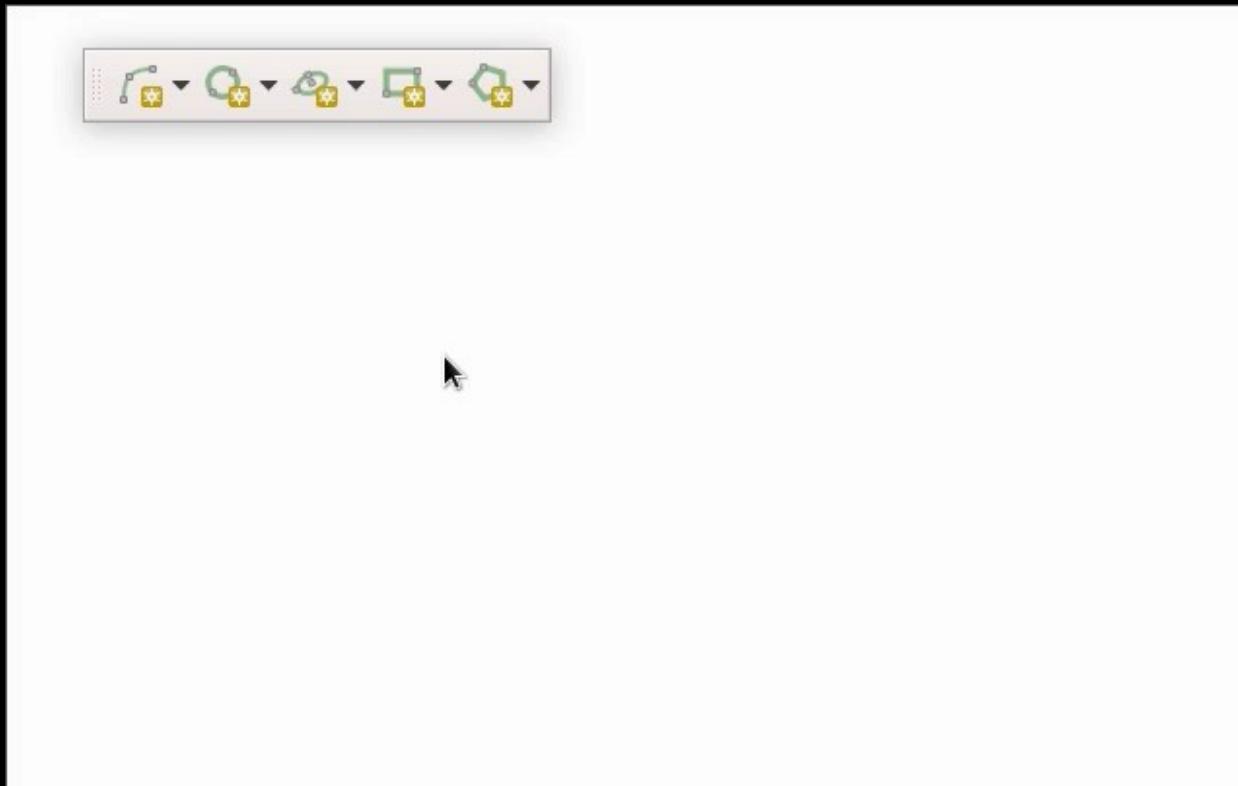


`rand(5000,20000)`

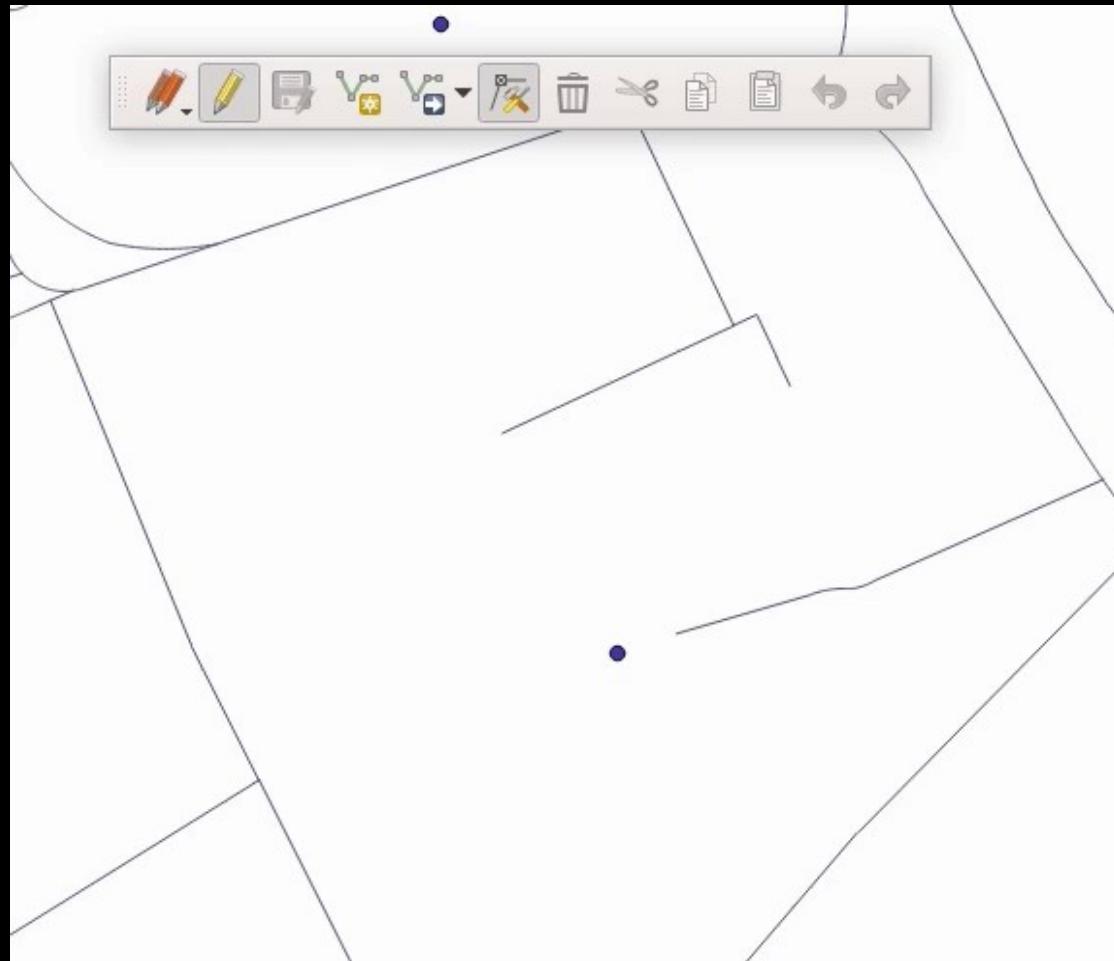
Parallel processing



CAD like editing



Node editing



Export map

Save Map as PDF x

▼ Extent (current: map view)

North 691343.5466705792
West -203233.90126866958 East 566768.3573901646
South 274589.74688100396

Scale 1:3,750,315 ▼ 

Resolution 96 dpi ▼ 

Output width 776 px ▼ 

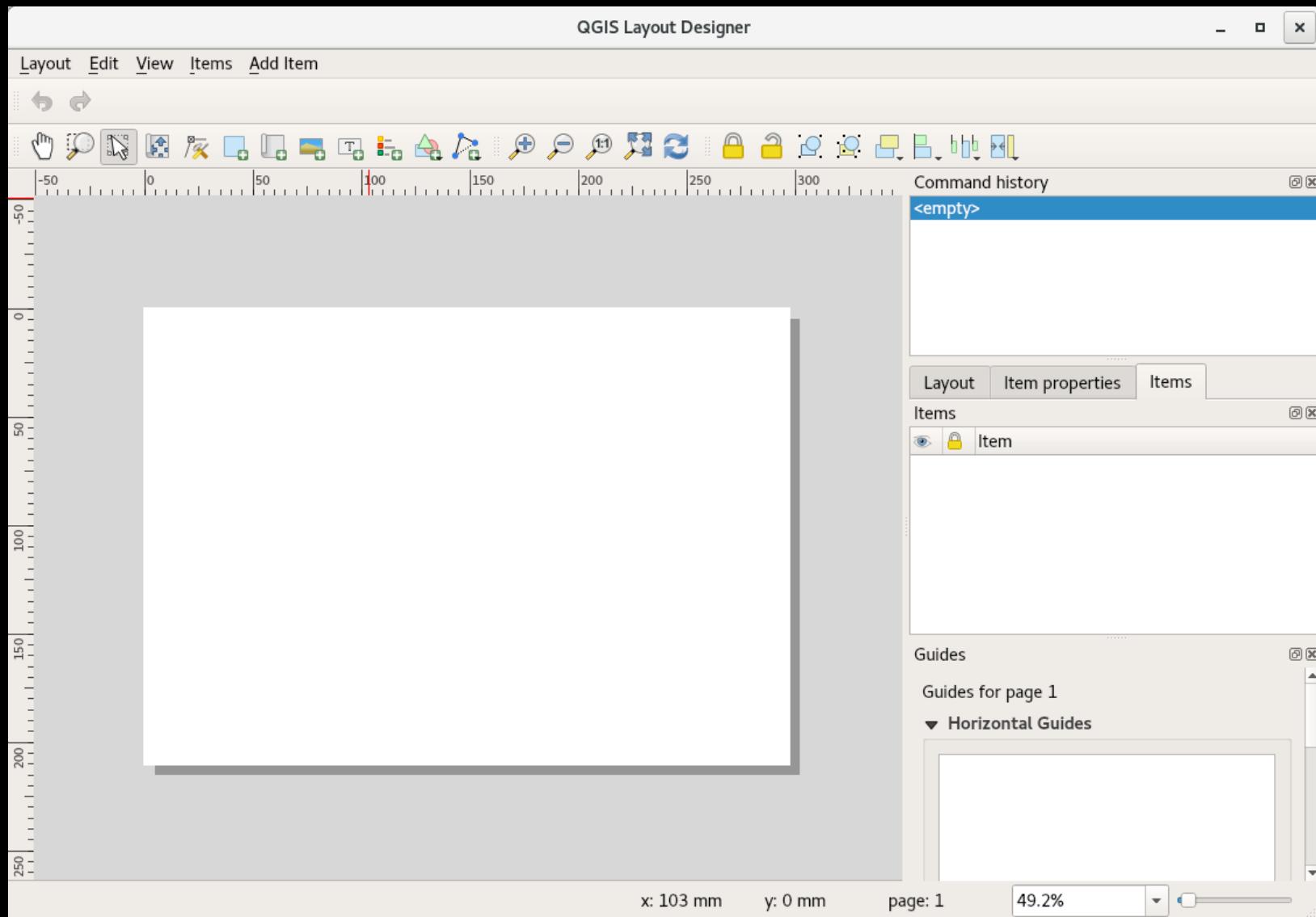
Output height 420 px ▼ 

Draw active decorations: none

Draw annotations

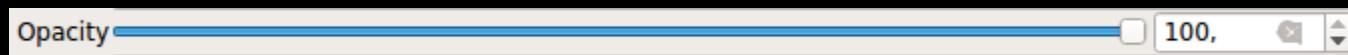
Rasterize map

New map composer

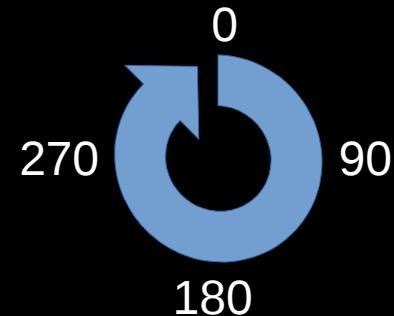


Consistency

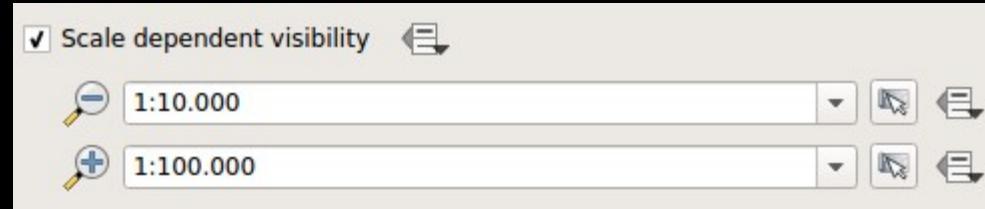
Transparency vs Opacity



Rotation



Scale



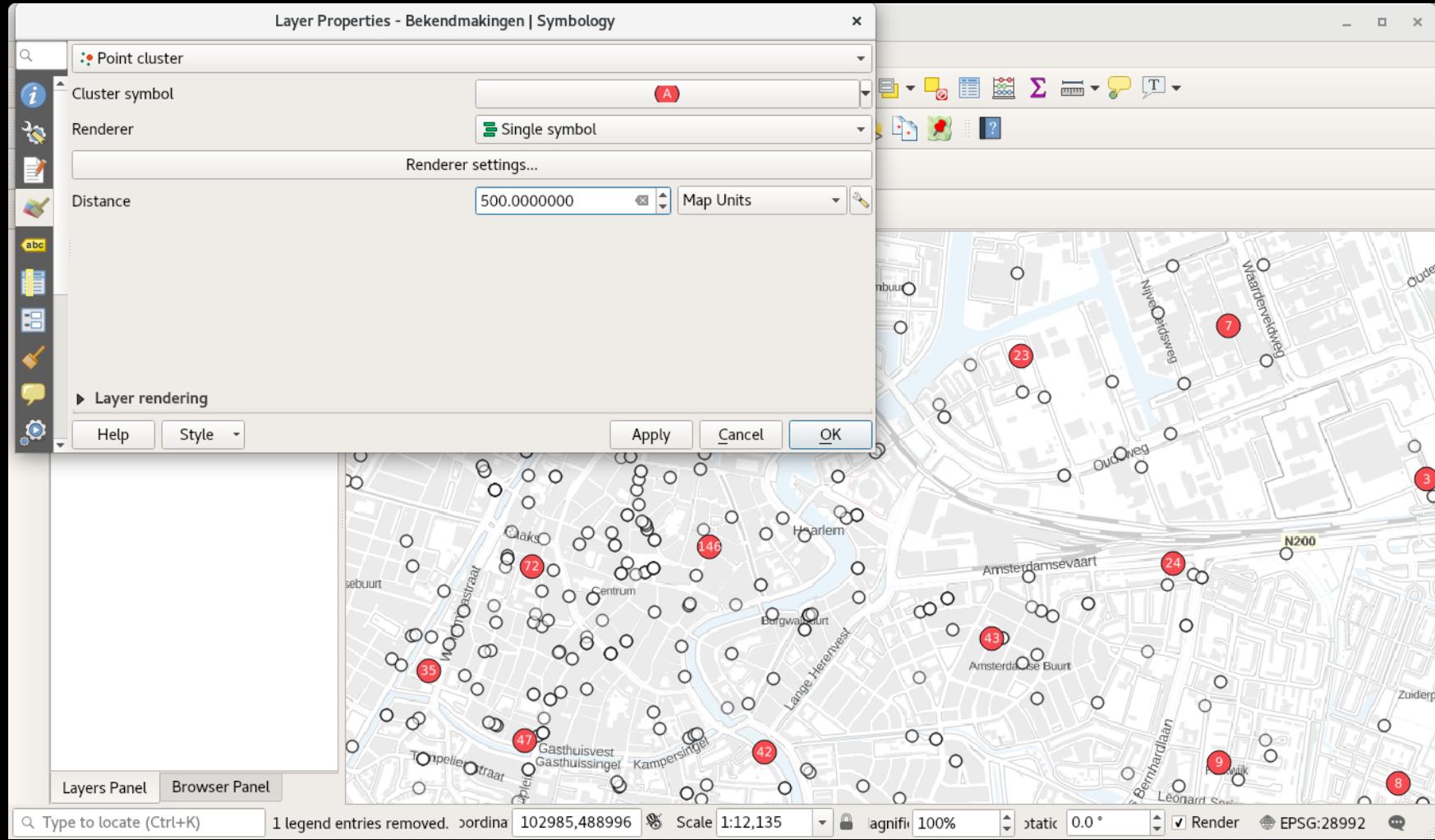
Commercial break



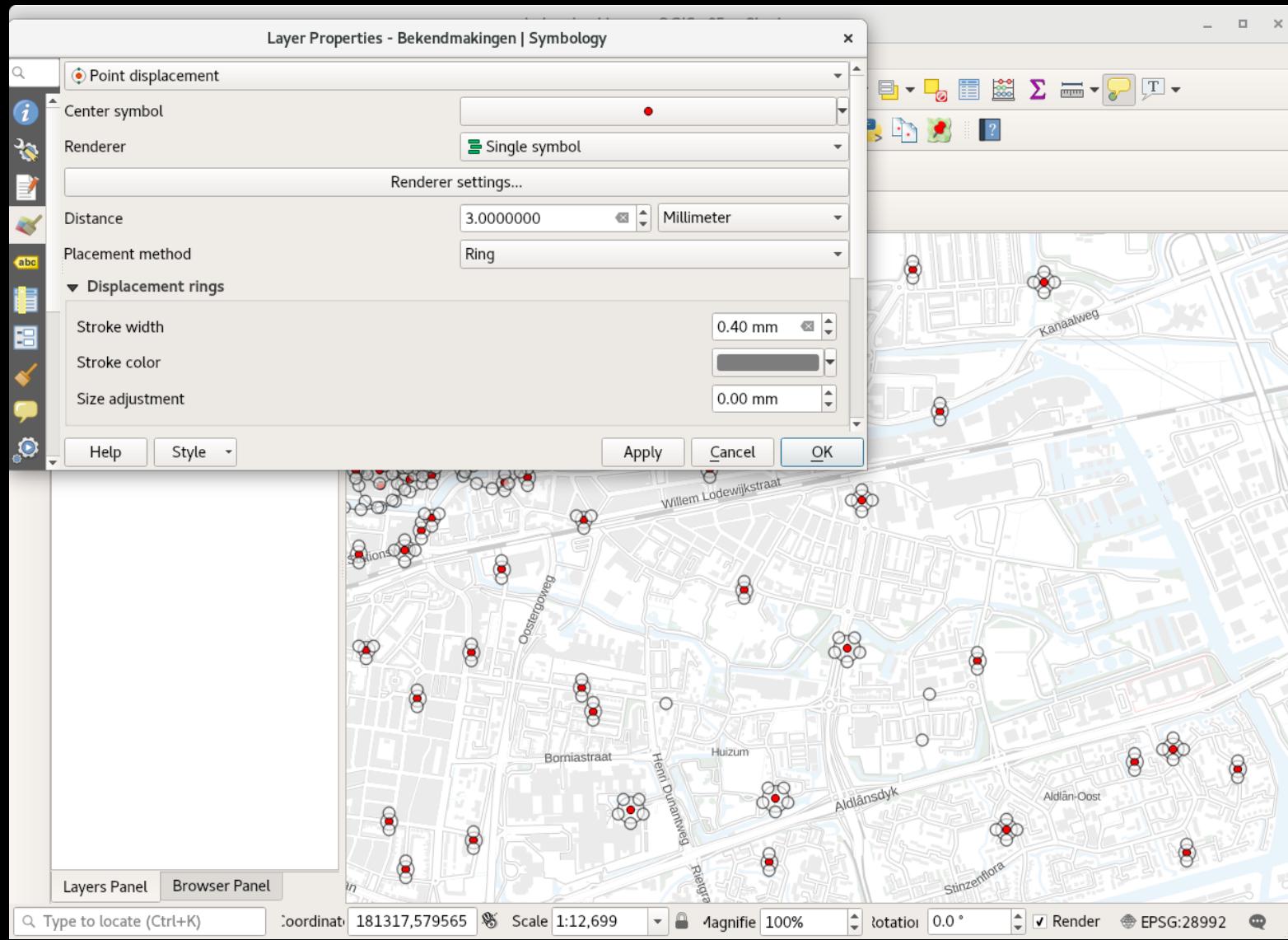
Show your QGIS love
with swag from our shops!



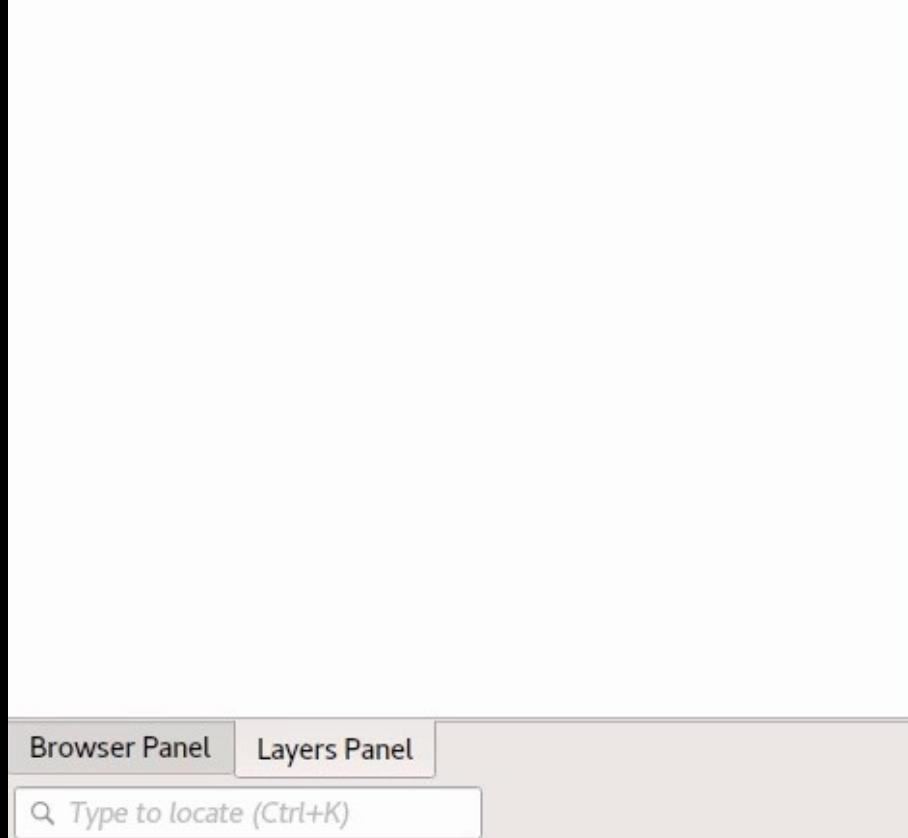
Point cluster renderer



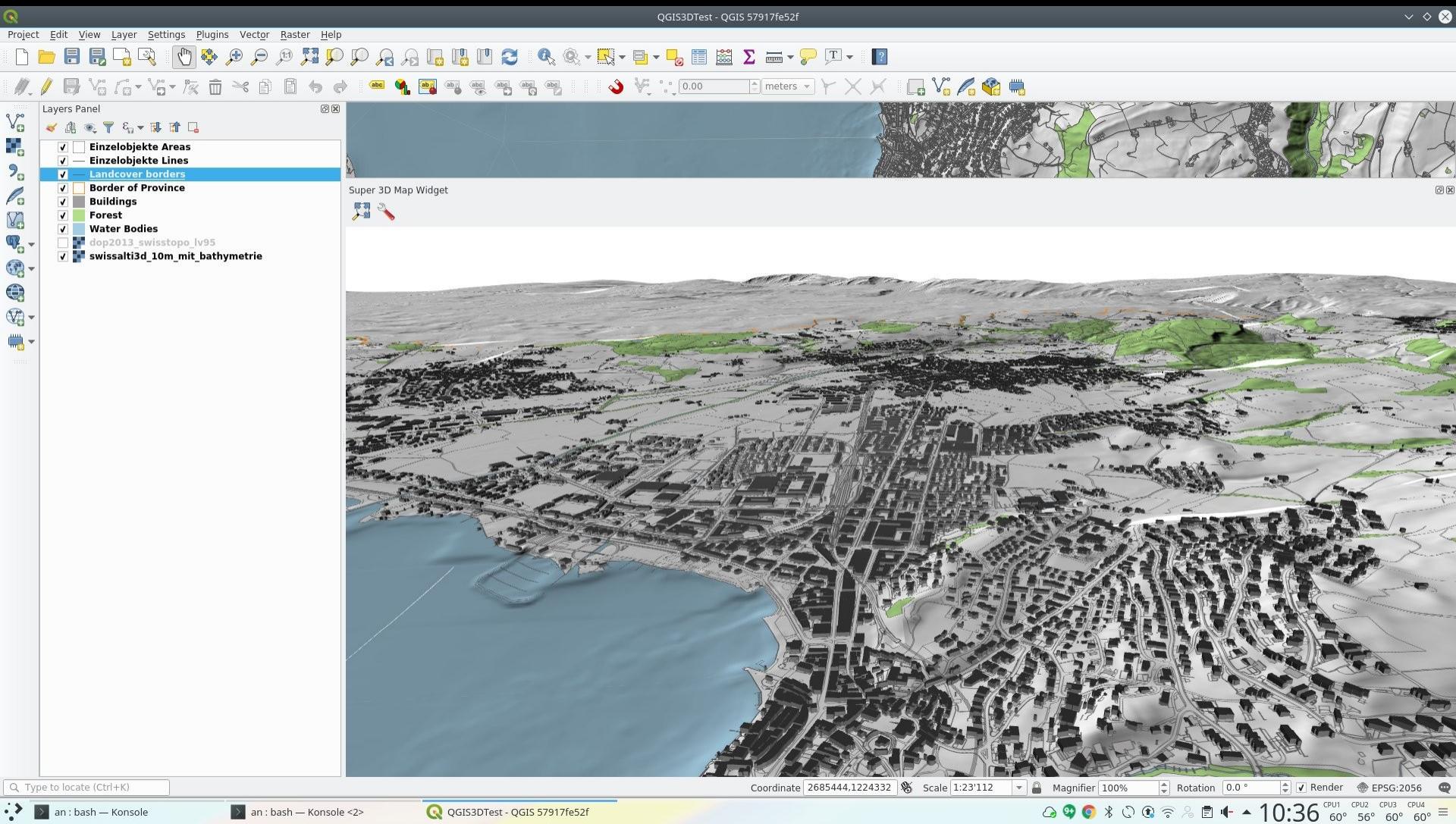
Point displacement renderer



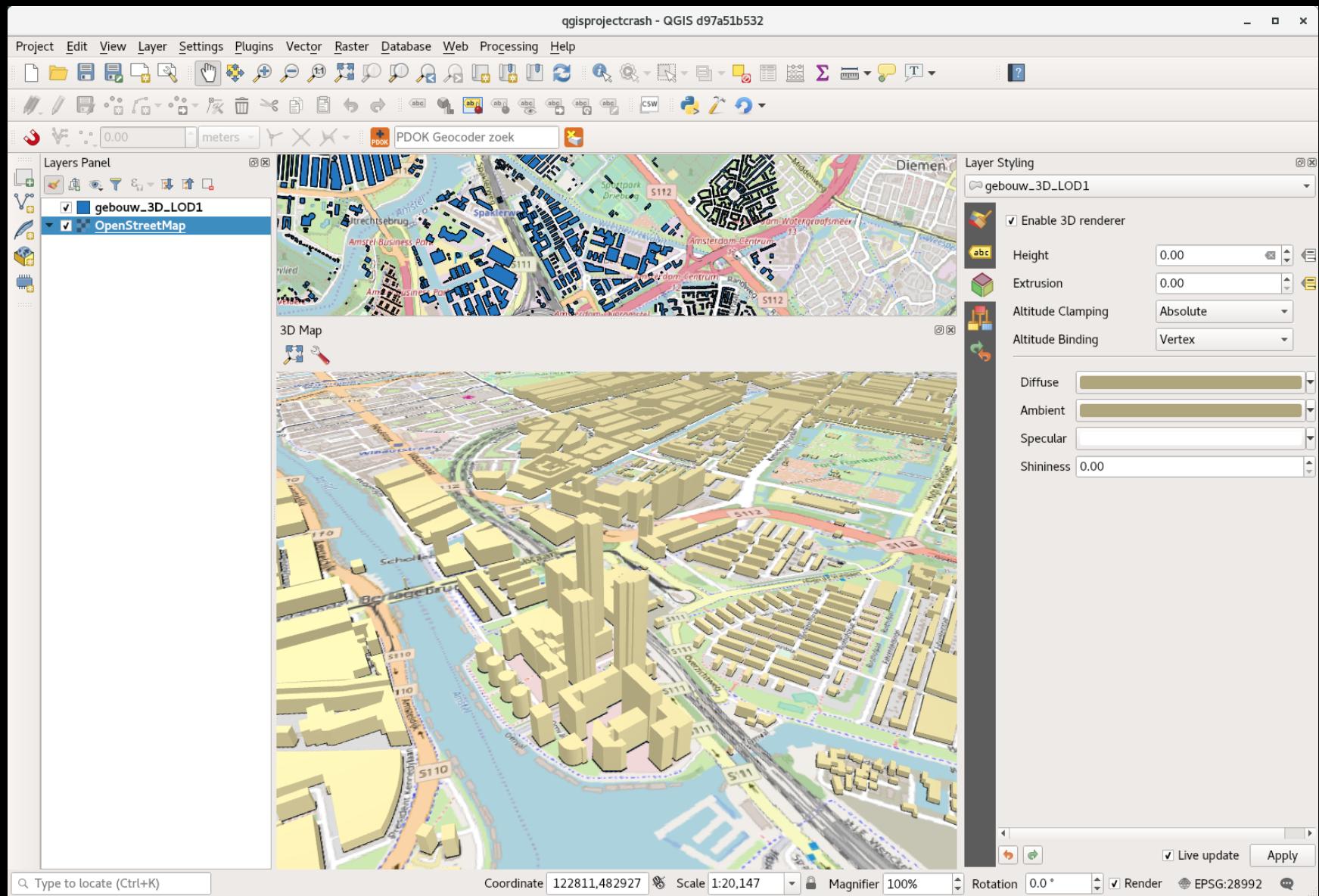
Locator toolbar



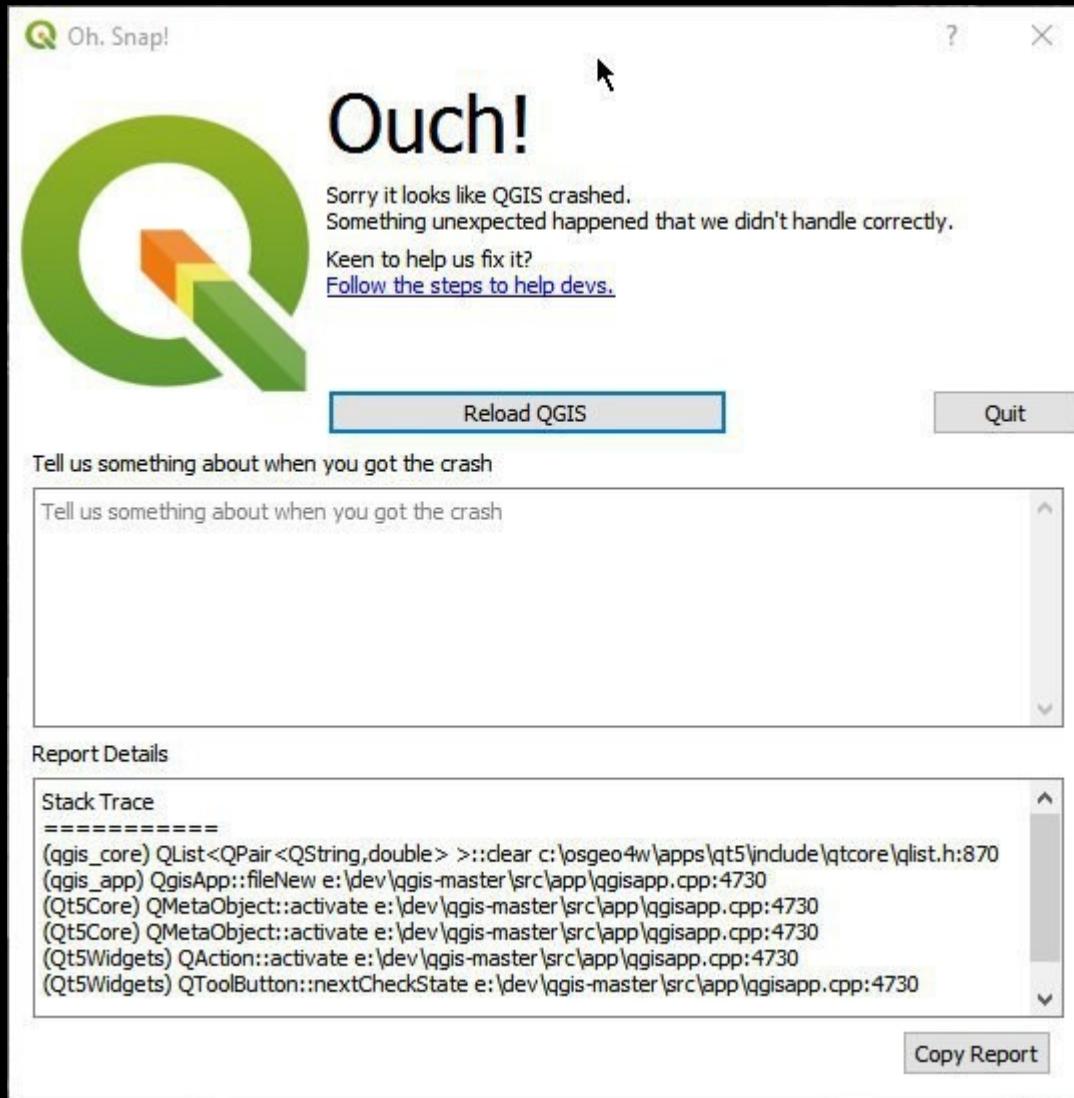
First steps to 3D



First steps to 3D

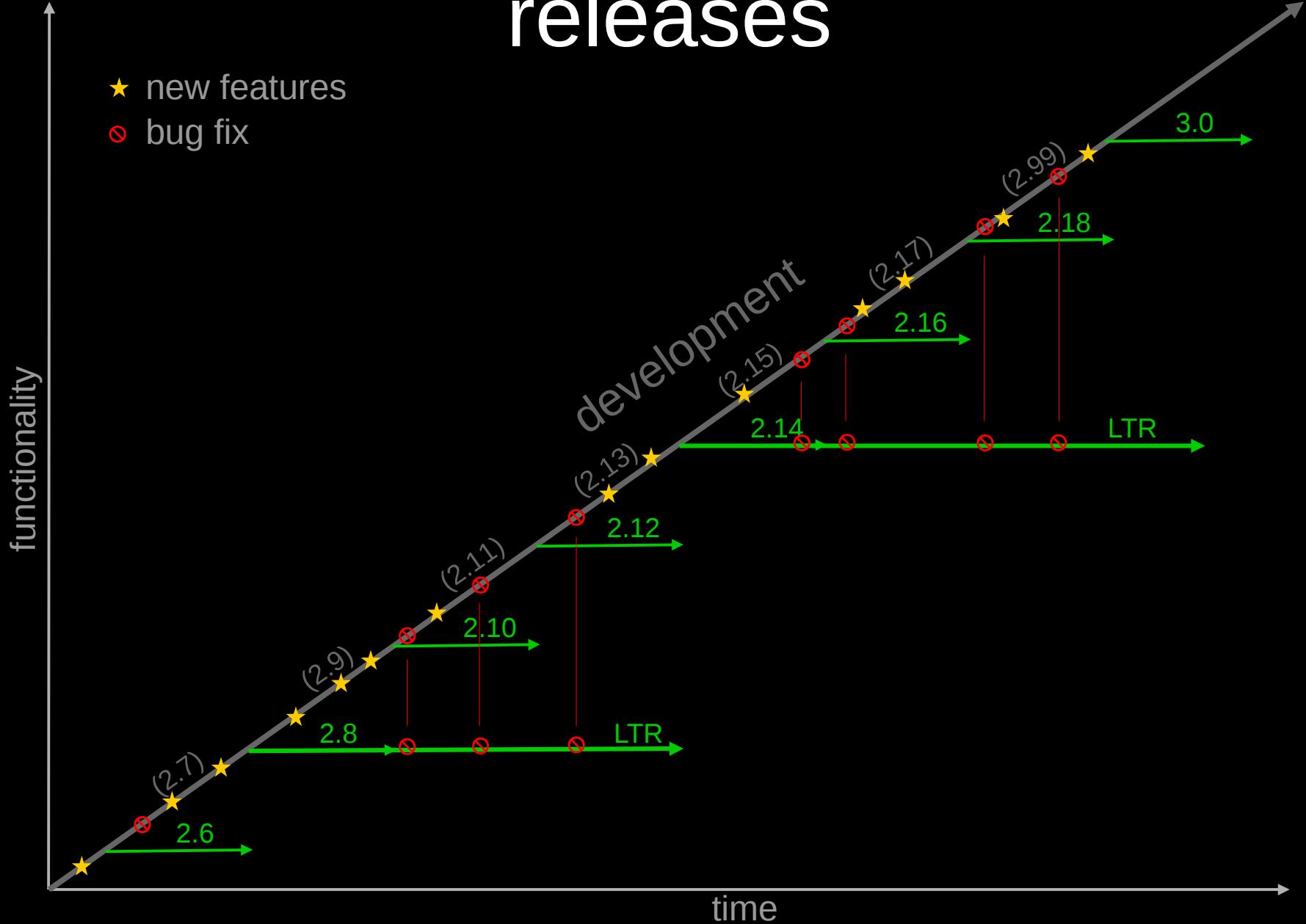


New crash “feature”!



When?

releases



Visual change logs

- <https://qgis.org/en/site/forusers/visualchangelog214/>
- <https://qgis.org/en/site/forusers/visualchangelog216/>
- <https://qgis.org/en/site/forusers/visualchangelog218/>
- <https://qgis.org/en/site/forusers/visualchangelog300/> (soon!)

Community!



Questions



