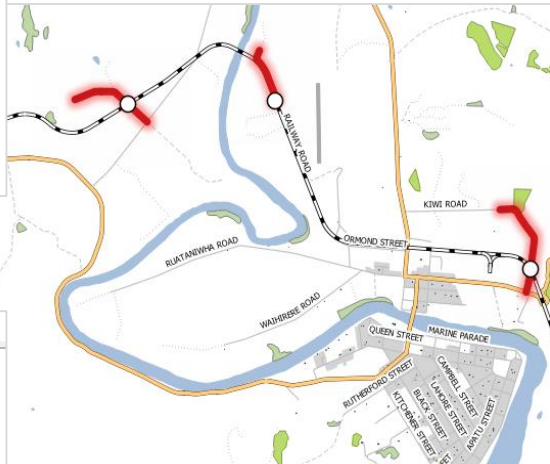


PostGIS



PostGIS is an Open Source spatial extension to the PostgreSQL database. PostGIS is a fast, robust spatial database management system.

```
training on postgres@Localhost 11
1 SELECT rd.fid,
2 rd.name,
3 rd.surface,
4 ST_Intersection(rd.geom, rw.geom) AS geom
5 FROM linz.nz_road_centrelines_topo_150k AS rd,
6 linz.nz_railway_centrelines_topo_150k AS rw
7 WHERE rd.surface = 'metalled'
8 AND ST_Intersects(rd.geom, rw.geom)
```



Execute	4 rows, 0.011 seconds	Create a view	Clear
fid	name	surface	geom
10	RAILWAY ROAD	metalled	0101000020910...
46	HURAMUA ROAD WEST	metalled	0101000020910...
220	POUTUTU STATION ROAD	metalled	0101000020910...
251	KIWI ROAD	metalled	0101000020910...

PostGIS supports a range of important GIS functionality in the areas of OpenGIS and SQL/MM spatial standards, advanced topological constructs (coverages, surfaces, networks), data source for desktop user interface tools for viewing and editing GIS data, and web-based access tools.



PostGIS is an official project of the Open Source Geospatial Foundation



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