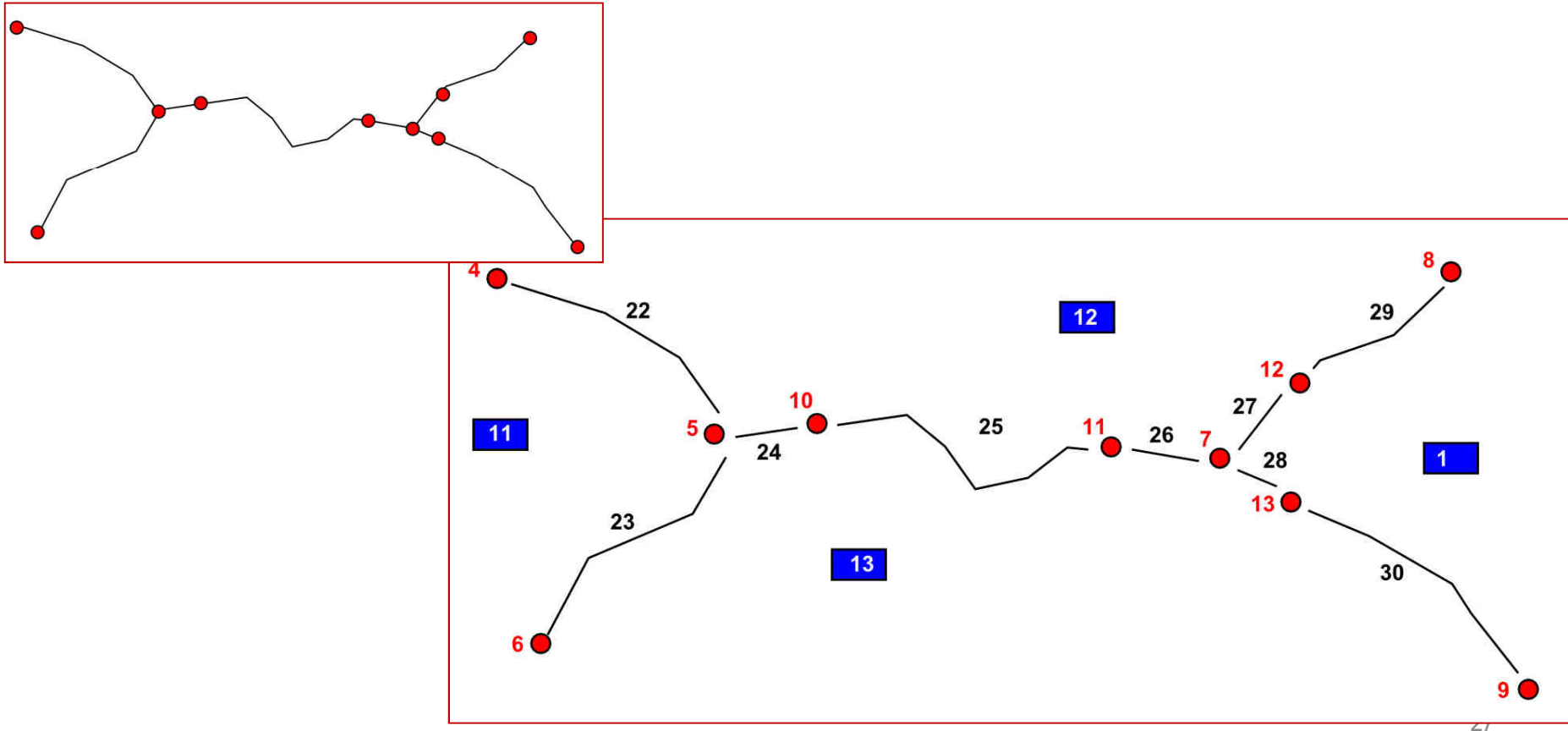# Postgis topology
The data model explained

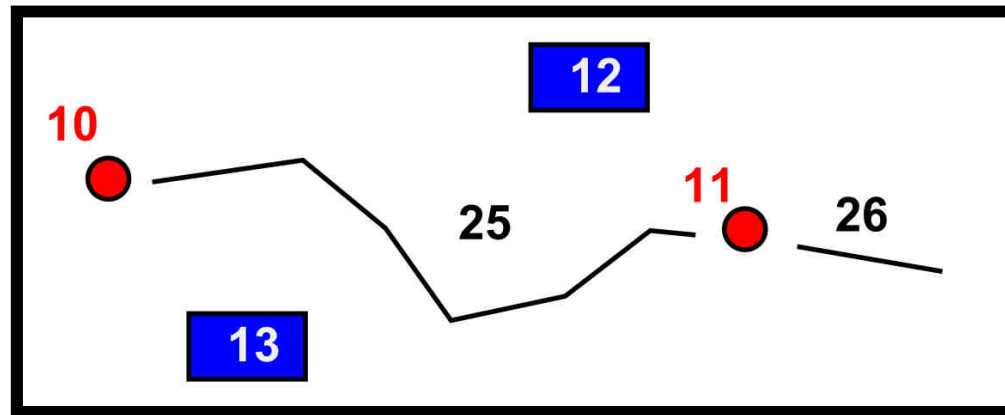- Here we explain graphically the data model of PostGIS Topology

- Rémi-C , 17/12/2013

PostGIS topology : bas niveau

- Présentation du modèle topologique de postgis_topology :

- Modèle bas niveau : node/edge/face

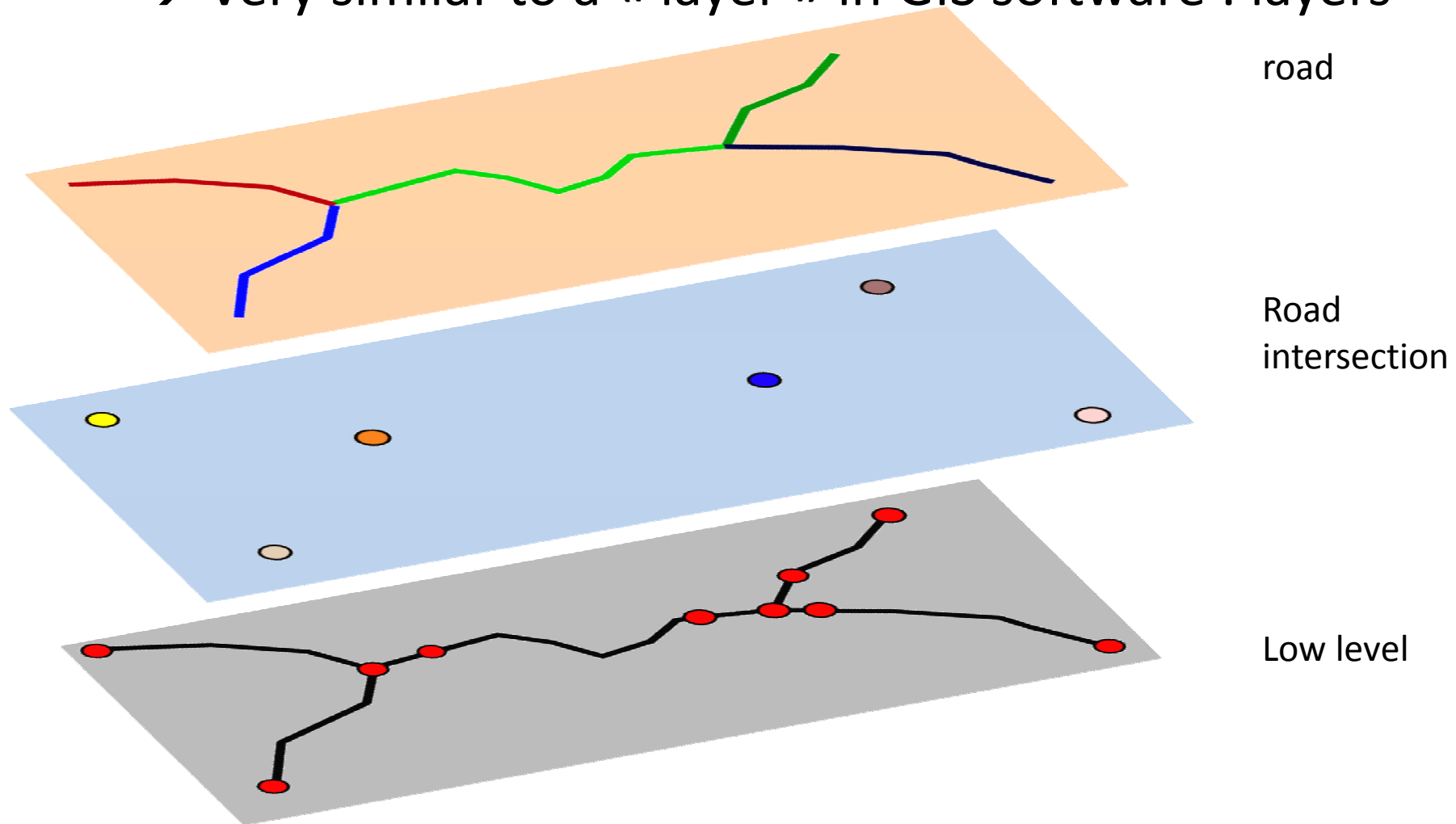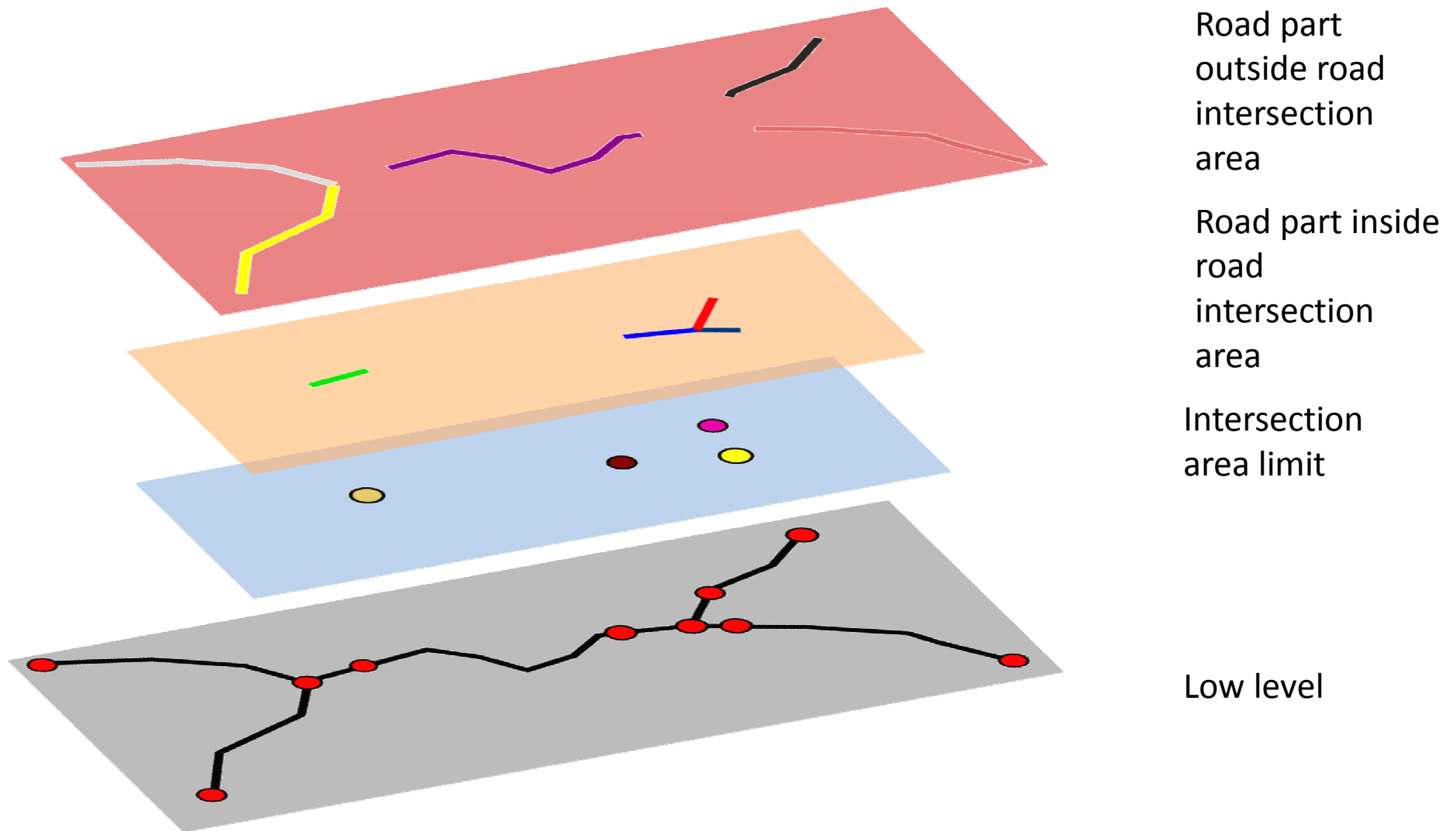# Postgis topology : Low level (physical)

Postgis topology : topogeometry

- Topogeom : a set of low level elements
  - → Very similar to a « layer » in GIS software : layers

road

Road
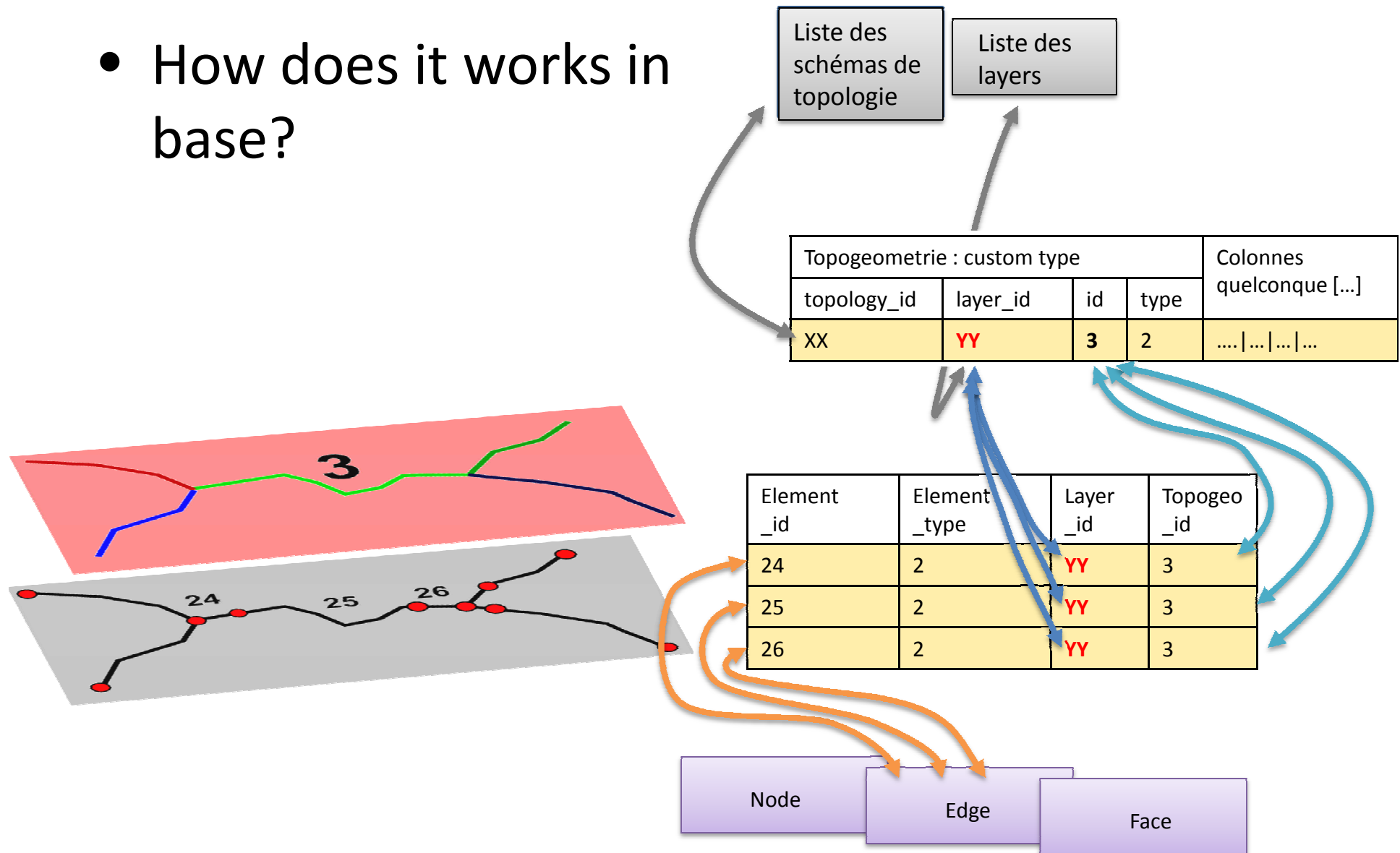intersection

Low level

Postgis topology : topogeometry

- Topogeom : can be more complex

Road part outside road intersection area

Road part inside road intersection area

Intersection area limit

Low level

Postgis topology : topogeometry

- How does it works in base?

Liste des schémas de topologie

Liste des layers

Topogeometrie : custom type				Colonnes quelconque […]
topology_id	layer_id	id	type	
XX	YY	3	2	….|…|…|…

Element _id	Element _type	Layer _id	Topogeo _id
24	2	YY	3
25	2	YY	3
26	2	YY	3

Node

Edge

Face

Postgis topology real data model