

Geometry2RDF



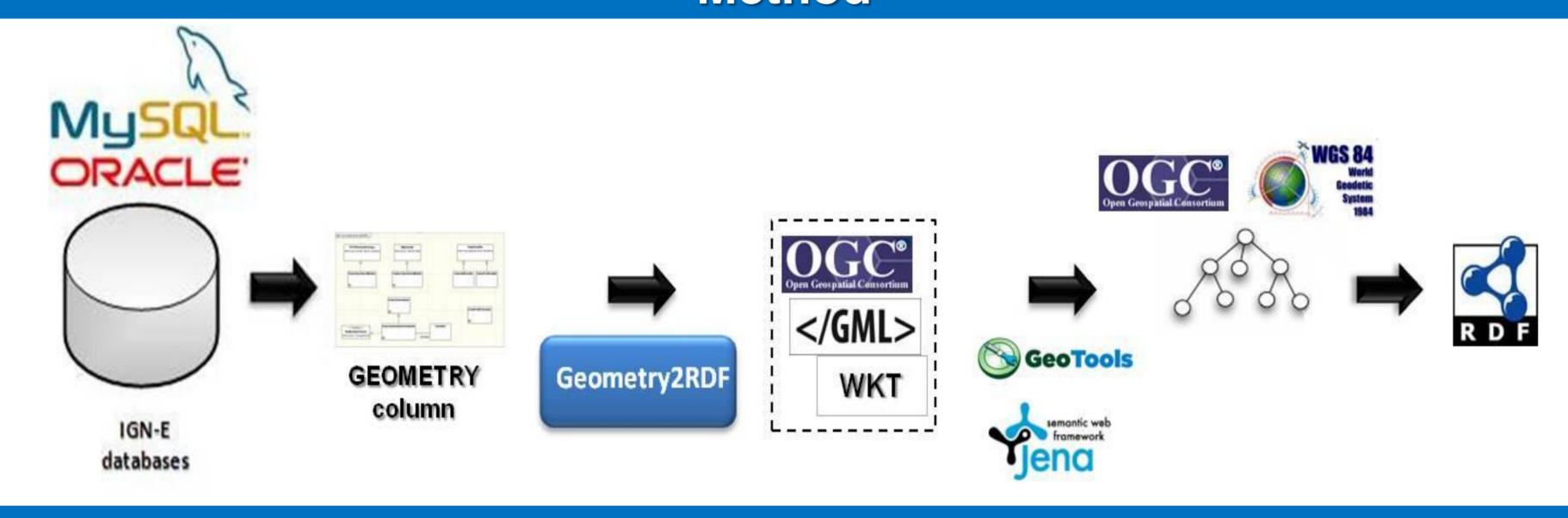
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What is?

geometry2rdf is a software library for generating RDF files for geometrical information stored in geospatial databases.



Method



Formats, ontology and geometry types

Formats

WKT

<GML> **WKB**



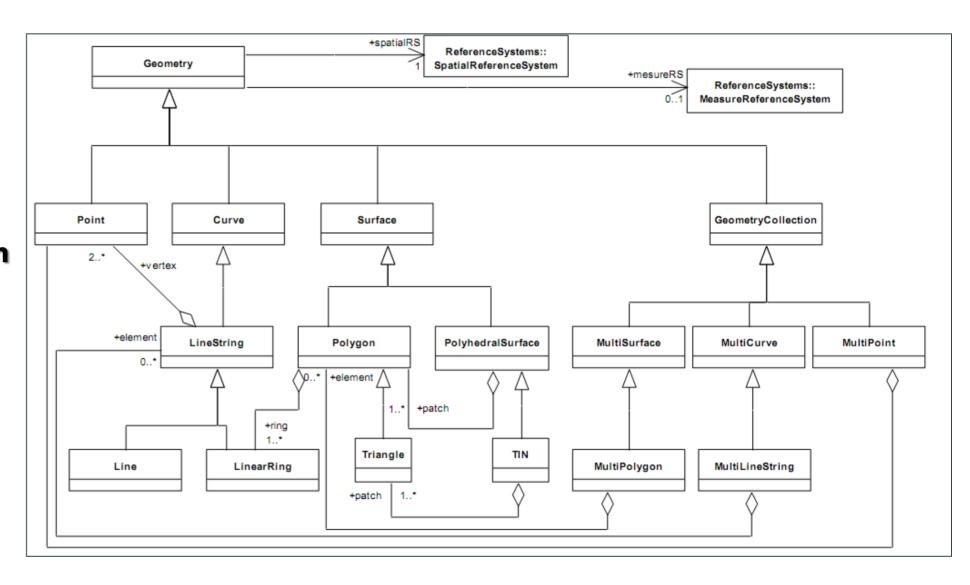


Model (ontology)



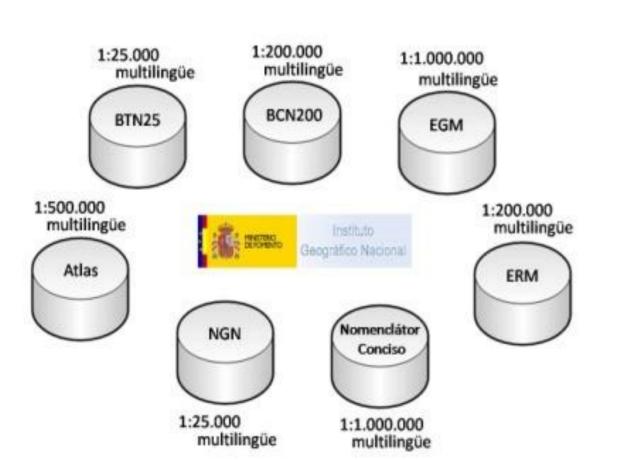
Simple Feature Specification





Point, LineString, Polygon, Multipoint, MultiLineString, MultiPolygon, GeometryCollection

Example – RDF generation



r
GMLGEOMETR'
(HUGECLOB)

Oracle STO UTIL package

</rdf:RDF>

SELECT TO_CHAR(SDO_UTIL.TO_GML311GEOMETRY(geometry)) AS Gml311Geometry FROM "BCN200"."BCN200_0301L_RIO" c WHERE c.Etiqueta='Arroyo'





<gml:Polygon srsName="SDO:8223" xmlns:gml="http://www.opengis.net/gml"> :<gml:outerBoundaryIs><gml:LinearRing><gml:coordinates_decimal="." cs="," ts=" ">-1.48374108,39.23127677,0 -1.48404 ¹.4860584. - 1.48644495,0 -1.48544493,39.2231538,0 -1.4858725,39.22212319,0 -1.48608465,39.222141415,0 -1.4860584 ±-1.48421128,39.21319056,0-1.48390698,39.21064575,0-1.48429166,39.2094524,0-1.48529268,39.20490629,0-1.492506i L-1.504834, 0-1.49905691, 39.20453654, 0-1.50256876, 39.20446292, 0-1.50338941, 39.20453654, 0-1.504834, 1.504834 ·1.5196271 - 0, 20373528 ,0 -1.51894734 ,0 -1.51894747 ,0 -1.51398161 ,39.20472622 ,0 -1.5171434 ,39.20471246 ,0 -1.51894734 ,39.20373528 ,0 -1.5196271 -1.53208-1 - 0,1961907 -1.53151867 -1.53151867 -1.5284903 -1.5284903 -1.53151867 -1.53151867 -1.53151867 -1.532086 -1.53151867 ¹-1.5329951,39.19479473,0 -1.53398595,39.19503246,0 -1.53537021,39.19528414,0 -1.53607317,39.19544615,0 -1.536914 ±-1.53953498,39.19602121,0-1.54099994,39.19629185,0-1.54110394,39.19630216,0-1.54231647,39.19646151,0-1.54461t ±-1.54957924,39.19633592,0-1.55131402,39.1964386,0-1.55382202,39.1966679,0-1.55798564,39.19690882,0-1.559800: ±-1.56633376,39.19750743,0 -1.5703604,39.19765603,0 -1.57231502,39.19777011,0 -1.57278711,39.19790204,0 -1.573636 -1.57911- 0, 20136237, 39.19982863 و 2.092292 و 2.1.57633787 و 2.0087703 و 2.1.57807687 و 2.1.57633787 و 2.1.5763378 و 2.1.57633787 و 2.1.5763378 و 2.1.576378 و 2.1.57678 ¹ -1.5805024,39.20233924,0 -1.58088715,39.20278543,0 -1.58107708,39.20313014,0 -1.58122865,39.20365457,0 -1.581447 ¹-1.5819531,39.20563664,0 -1.58191475,39.20581637,0 -1.58194513,39.20603299,0 -1.58285235,39.20756676,0 -1.584270





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</rdf:Description> <rdf:Description rdf:about="http://geo.linkeddata.es/resource/9e5eb28749051de9b0fdb299f0d129575c8f557d">

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