

Shape files e PostGis

Agenda

Dados geográficos

Shape file

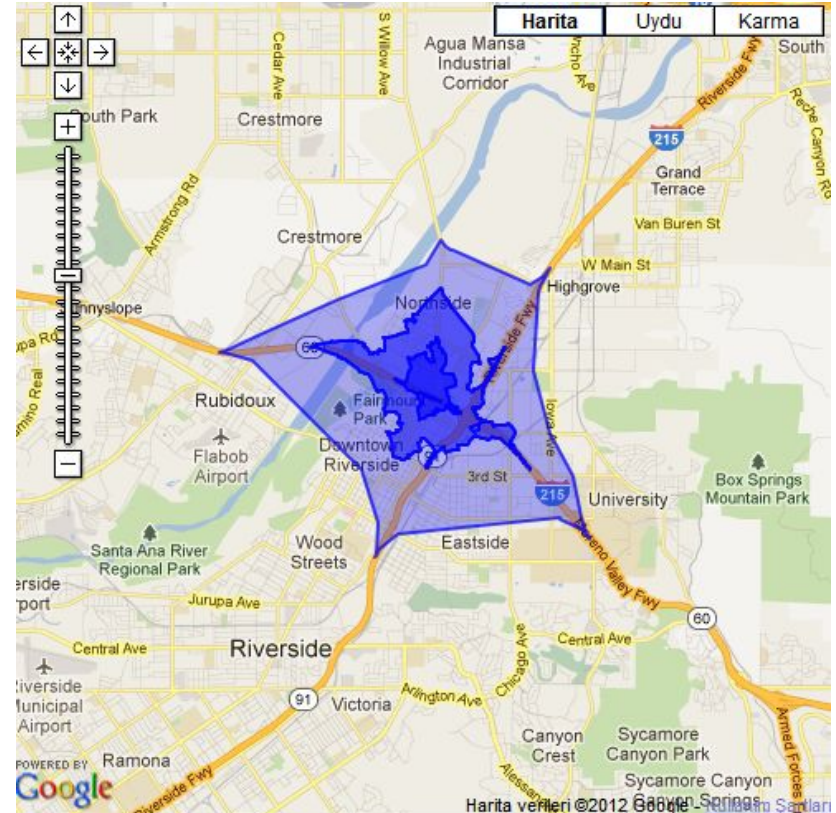
PostGis

Objetos Suportados

SQL

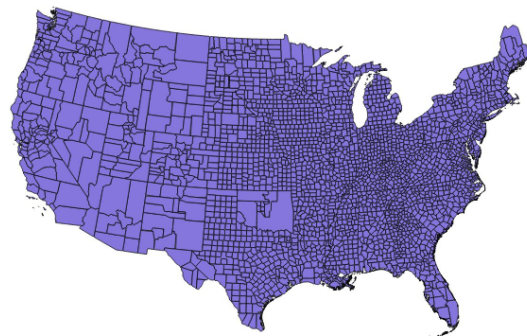
Dados geográficos

1. Cartografia
2. Dados geográficos
3. IBGE
 - a. Censo
 - b. Terreno
 - c. Crimes



Shape files

1. Dados Geoespacial vetorizado
2. Definido pela Esri(Environmental Systems Research Institute)
3. Criado 1990
4. Constitui três arquivos:
 - a. Shp
 - b. Shx
 - c. Dbf



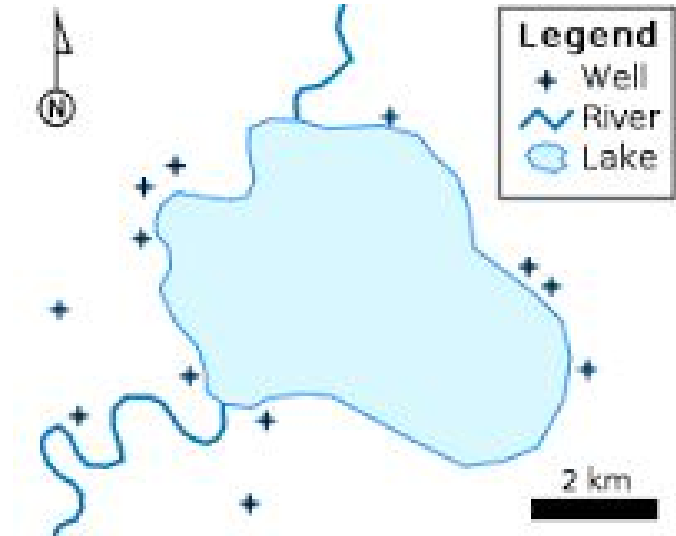
PostGis

- Extensão para postgres
- Importação de shape files
- Exportador de shape files



Objetos suportados

1. POINT
2. LINESTRING
3. POLYGON
4. MULTIPOINT
5. MULTILINESTRING
6. MULTIPOLYGON
7. GEOMETRYCOLLECTION



SQL CREATE

```
CREATE TABLE ROADS (
```

```
    ID int4,
```

```
    ROAD_NAME varchar(25),
```

```
    roads_geom geometry(LINESTRING,4326) );
```



SQL INSERT

INSERT INTO

roads (road_id, roads_geom, road_name)

VALUES

(1, ST_GeomFromText('LINESTRING(191232 243118,191108
243242)',-1), 'Jeff Rd');

