一、创建空间索引

1. aa01交通水利用地图斑2014的shape索引

CREATE INDEX shape\_index\_citiesshape2014 ON public."aa01交通水利用地图斑2014"

USING gist (shape);

2. ab02非建设用地图斑2009的shape索引

CREATE INDEX shape\_index\_citiesshape2009 ON public." ab02非建设用地图斑2009"

USING gist (shape);

二、查询相交结果

select a\_objid ,b\_objid ,ST\_Area(ST\_Intersection(shape\_a, shape\_b)) as Intersectarea

into 图形相交检索结果

from (select a.objectid as a\_objid ,a.shape as shape\_a ,b.objectid as b\_objid, b.shape as shape\_b from public."aa01交通水利用地图斑2014" a

inner join public."ab02非建设用地图斑2009" b

on ST\_Intersects(a.shape,b.shape) is true) t