• ST_Centroid({poly|mpoly})

Returns the mathematical centroid for the Polygon or MultiPolygon argument as a Point. The result is not guaranteed to be on the MultiPolygon.

This function processes geometry collections by computing the centroid point for components of highest dimension in the collection. Such components are extracted and made into a single MultiPolygon, MultiLineString, or MultiPoint for centroid computation.

ST_Centroid() handles its arguments as described in the introduction to this section, with these exceptions:

- The return value is NULL for the additional condition that the argument is an empty geometry collection.
- If the geometry has an SRID value for a geographic spatial reference system (SRS), an ER NOT IMPLEMENTED FOR GEOGRAPHIC SRS error occurs.

• ST_ExteriorRing(poly)

Returns the exterior ring of the Polygon value poly as a LineString.

ST_ExteriorRing() handles its arguments as described in the introduction to this section.

ST_InteriorRingN(poly, N)

Returns the N-th interior ring for the Polygon value poly as a LineString. Rings are numbered beginning with 1.

ST_InteriorRingN() handles its arguments as described in the introduction to this section.