

# Spatial Databases

## Oracle Spatial/Locator

Oracle provides object type `SDO_GEOMETRY` to store various geometries including their SRID, etc.

[See details on Oracle Spatial/Locator](#) [oracle/].

## PostgreSQL/PostGIS Geometries

PostgreSQL defines [geometric types](#)

[<https://www.postgresql.org/docs/current/static/datatype-geometric.html>] and [geometric functions and operators](#)

[<https://www.postgresql.org/docs/current/static/functions-geometry.html>] without SRID and a generic `geometry` data-type.

The generic `geometry` data-type including SRID, etc. is provided by [PostGIS plugin](#) [<https://postgis.net/install/>] (which is [available in NixPkgs](#) [<https://github.com/NixOS/nixpkgs/blob/master/pkgs/development/libraries/postgis/default.nix>] and [configurable in NixOS](#) [<https://nixos.org/nixos/options.html#services.postgresql>]).

[See details on PostgreSQL/PostGIS geometries](#) [pgsql/].