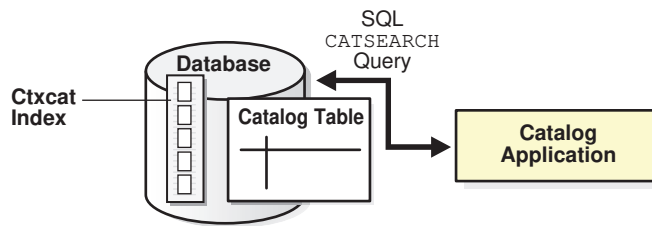**Figure 19-4   Catalog Query Application**

> **See Also:**
>
> - *Oracle Text Application Developer's Guide* and *Oracle Text Reference*
> - *Oracle XML DB Developer's Guide* to learn how to perform full-text search over XML data

Overview of Oracle Spatial and Graph

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Oracle Spatial and Graph (Spatial and Graph) includes advanced features for spatial data and analysis and for physical, logical, network, and social and semantic graph applications.

The spatial features provide a schema and functions that facilitate the storage, retrieval, update, and query of collections of spatial features in an Oracle database. An example of spatial data is a road map. The spatial data indicates the Earth location (such as longitude and latitude) of objects on the map. When the map is rendered, this spatial data can project the locations of the objects on a two-dimensional piece of paper. A geographic information system (GIS) can store, retrieve, and render this Earth-relative spatial data. When an Oracle database stores this spatial data, you can use Spatial and Graph to manipulate and retrieve this data, and relate this data to other data.

> **See Also:**
>
> *Oracle Spatial and Graph Developer's Guide*