Part II

Manipulation of XML Data in Oracle XML DB

The following are covered here: XQuery, XMLType operations, and indexing of XML data.

- **XQuery and Oracle XML DB**
  The XQuery language is one of the main ways that you interact with XML data in Oracle XML DB. Support for the language includes SQL*Plus command `XQUERY` and SQL/XML functions `XMLQuery`, `XMLTable`, `XMLExists`, and `XMLCast`.

- **Query and Update of XML Data**
  There are many ways for applications to query and update XML data that is in Oracle Database, both XML schema-based and non-schema-based.

- **Indexes for XMLType Data**
  You can create indexes on your XML data, to focus on particular parts of it that you query often and thus improve performance. There are various ways that you can index `XMLType` data, whether it is XML schema-based or non-schema-based, and regardless of the `XMLType` storage model you use.

- **Transformation and Validation of XMLType Data**
  There are several Oracle SQL functions and `XMLType` APIs for transforming `XMLType` data using XSLT stylesheets and for validating `XMLType` instances against an XML schema.