Hibernate Query Language

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Objectives

- Describe Hibernate Query Language (HQL)
- Working with Queries

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Features

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Features

- Used to execute queries against database.
- Based on the relational object models.

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Features

- Uses Classes and properties instead of tables and columns.

- Extremely powerful and it supports Polymorphism and Associations.

Features

- The ability to apply restrictions to properties of associated objects related by reference or held in collections.
- The ability to retrieve only properties of an entity or entities, without the overhead of loading the entity.

Features

- The ability to order the results of the query.
- The ability to paginate the results.

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Features

- Provides support for aggregation with group by, having, and aggregate functions like sum, min and max.

- Outer joins when retrieving multiple objects per row.

Clauses

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Clauses

- FROM
- SELECT
- WHERE
- ORDER BY

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FROM

- Used to load a set of entities from the underlying database table.
- The returned collection contains instances of an entity class.
- General Form: `from Employee e`

SELECT

- Used to retrieve selected fields from the underlying database table.

- The returned collection contains instances of array type.

- General Form: `select e.name, e.sal from Employee e`

Let's Summarize

- HQL
- Querying using HQL

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